



YAMAHA

PARTS CATALOGUE XJ750RH (5G2) MODEL YEAR 1981

Initial Serial No. and Color Code

<input checked="" type="radio"/>	Frame Serial No.	5G2-000101 and following
<input type="radio"/>	Engine Serial No.	5G2-000101 and following

XJ750RH Vin#: JYA-5G200-()BA-000101

MODEL - IBM I.D. NUMBER	XJ750RH-B	XJ750RH-R	5G2
Initial Engine Number / Frame Number	5G2-000101	/ 5G2-000101	
Basic Color(s)	New Yamaha Black (B)	Brilliant Red (R)	
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 19 Lit. (5.0 Gal.) / 3.6 Lit. (0.9 Gal.)		
Dry Vehicle Weight	218 kg (481 lb.)		
ENGINE TYPE	4-Stroke, Air-Cooled, Parallel Four		
Bore Stroke / Number Cylinders / Displacement (cc)	65mm / 58.4mm / 4 / 748cc		
Compression Ratio / Compression Pressure Min~Max	9.2:1	8.0 ~ 11.0 kg/cm ² (113.8 ~ 156.5 psi)	



PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-34	
SERVICE MANUAL	LIT-11616-XJ-70	
ASSEMBLY MANUAL	LIT-11666-02-34	
CONSUMER MANUAL	LIT-11656-02-34	
LEAFLET	LIT-11119-02-17	



YAMAHA

PARTS CATALOGUE

XJ750RJ (5G2)

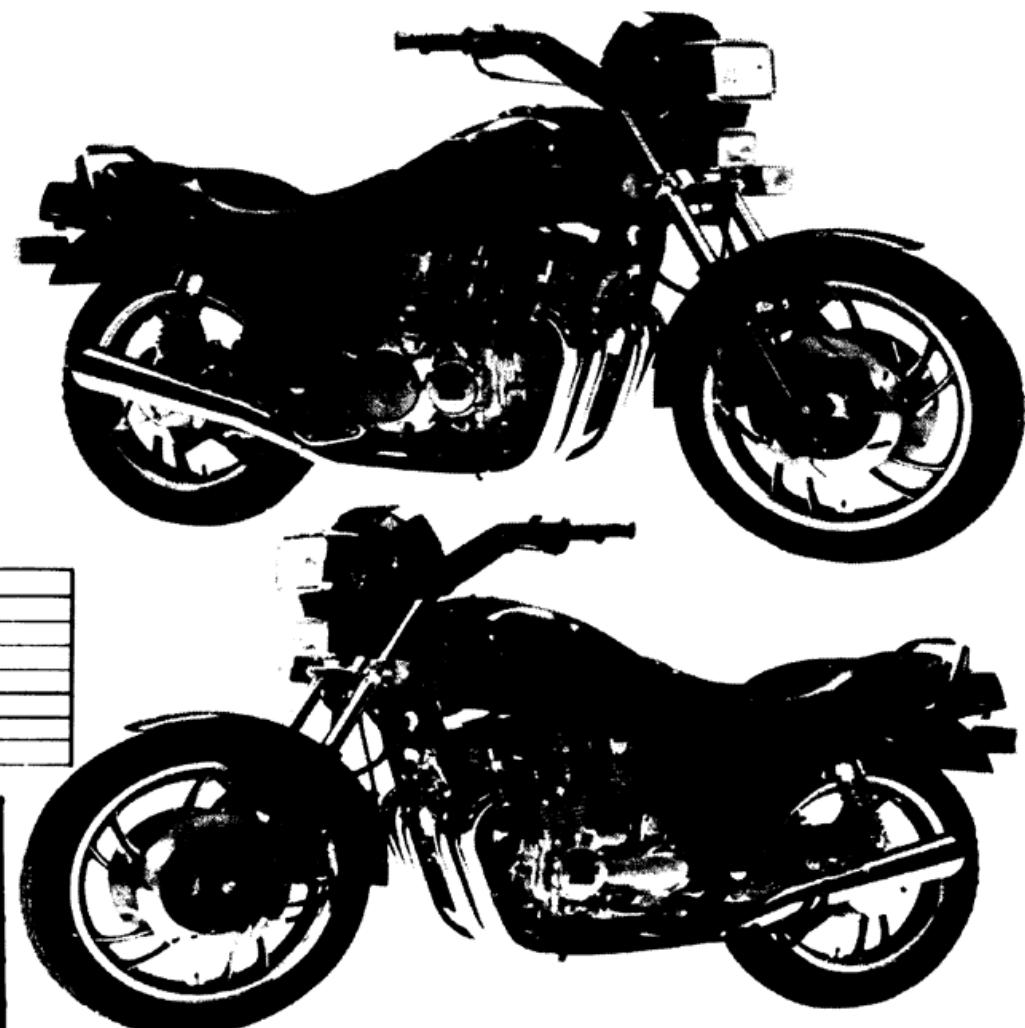
MODEL YEAR 1982

Initial Serial No. and Color Code

A Frame Serial No.	5G2-0100101 and following
B Engine Serial No.	5G2-0100101 and following

MODEL - IBM I.D. NUMBER	XJ750RJ-S	XJ750RJ-R	5G2
Initial Engine Number / Frame Number	5G2-100101	/ 5G2-100101	
Basic Color(s)	Star Silver (S)	Brilliant Red (R)	
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 19 LIT. / 3.6 LIT.		
Dry Vehicle Weight	218 kg		
ENGINE TYPE	4-Stroke, Air-Cooled, Parallel Four		
Bore/Stroke: Number Cylinders: Displacement (cc)	65mm / 56.4mm / 4 / 748cc		
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm ²		

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-83	
SERVICE MANUAL	LIT-11616-XJ-70	USES XJ750RH
ASSEMBLY MANUAL	LIT-11666-02-34	USES XJ750RH
CONSUMER MANUAL	LIT-11656-02-83	



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YAMAHA

PARTS CATALOGUE

XJ750RK (5G2)

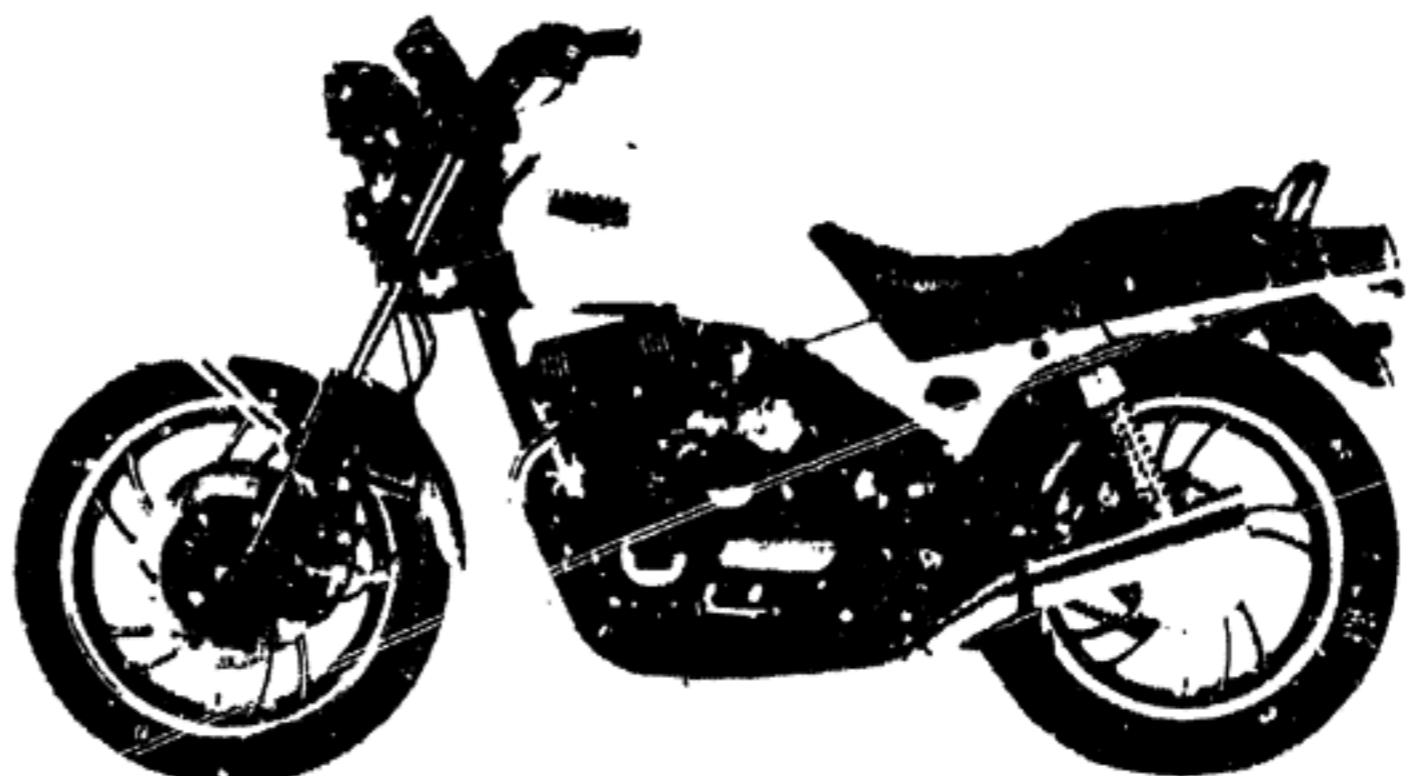
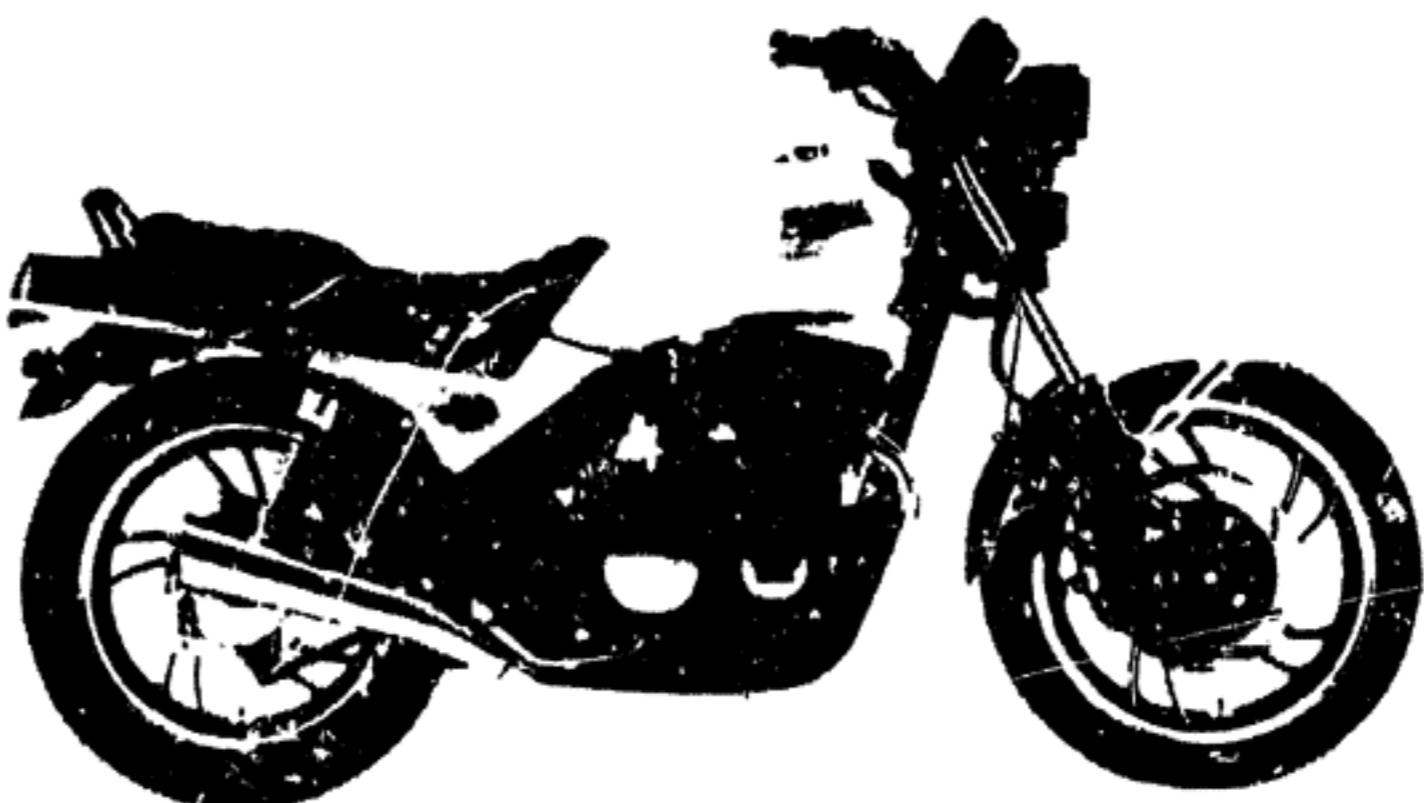
MODEL YEAR 1983

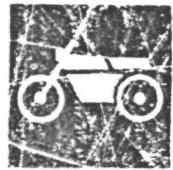
Initial Serial No. and Color Code

(A) Frame Serial No.	5G2-150101 and following
(B) Engine Serial No.	5G2-150101 and following

MODEL / PN L.D. NUMBER	XJ750RK
Initial Engine Number / Frame Number	5G2-150101 / JYA5G200 ()DA150-101
Fuel type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 19 Lit. / 3.6 Lit.
TYPE	4-Stroke, DOHC, Parallel Four
Bore/Stroke/Number Cylinders/Displacement	66mm / 66.4mm / 4 / 748cc
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm ²

PUBLICATION	PART NUMBER	REMARKS
Owner's Manual	LIT-11626-03-40	
Service Manual	LIT-11616-XJ-70	
Assembly Manual	LIT-11666-03-40	Same as XJ750RM, RJ Supp. to XS / XJ / XV / XZ / RD Gas/o Assembly Manual (03-66)
Consumer Information	LIT-11666-03-40	





YAMAHA

PARTS CATALOGUE

XJ750'82 (11M)

ENGLAND

2211M-310x1

A2



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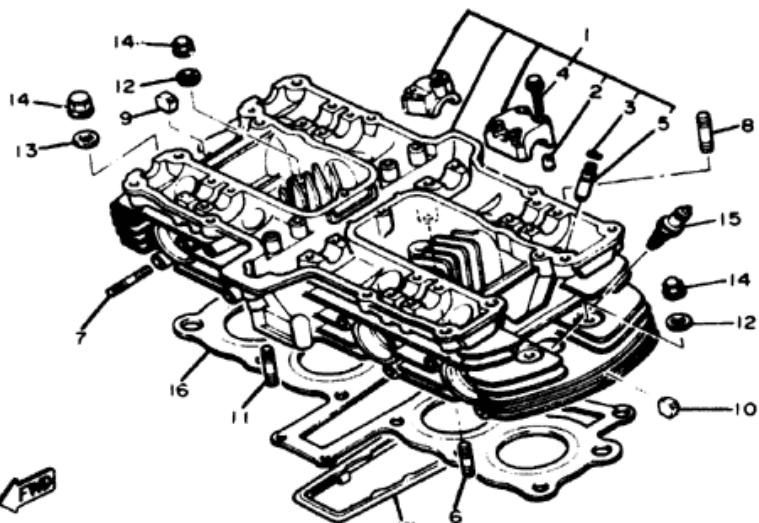
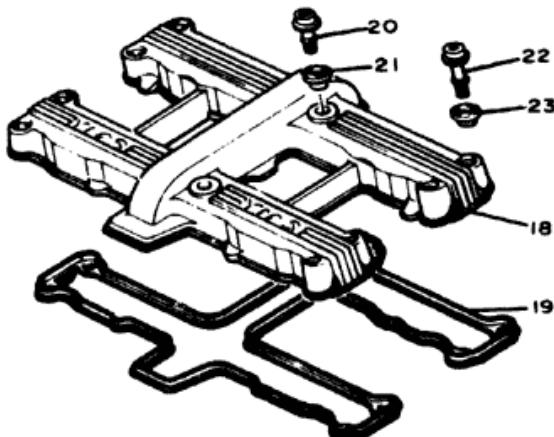
PARTS CATALOGUE

XJ750P (24L)

2324L-750E1

A2

CYLINDER HEAD



5G2110-1010

Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-11101-00-00	CYLINDER HEAD ASS'Y	1	
2	99510-08016-00	. PIN, dowel (91810-18016) ...	12	
3	93440-12052-00	. C'RCLIP	8	
4	90105-06153-00	. BOLT, washer based	24	
5	4H7-11133-10-00	. GUIDE, Intake valve (1st O/S) .	8	
6	95611-06625-00	BOLT, stud	2	
7	95611-06630-00	BOLT, stud	8	
8	95621-08330-00	BOLT, stud	2	
9	434-11161-00-00	ABSORBER 1	14	
10	4H7-11181-00-00	ABSORBER 1	14	
11	95611-06630-00	BOLT, stud	2	
12	90201-10131-00	WASHER, plate (90201-11597)	10	

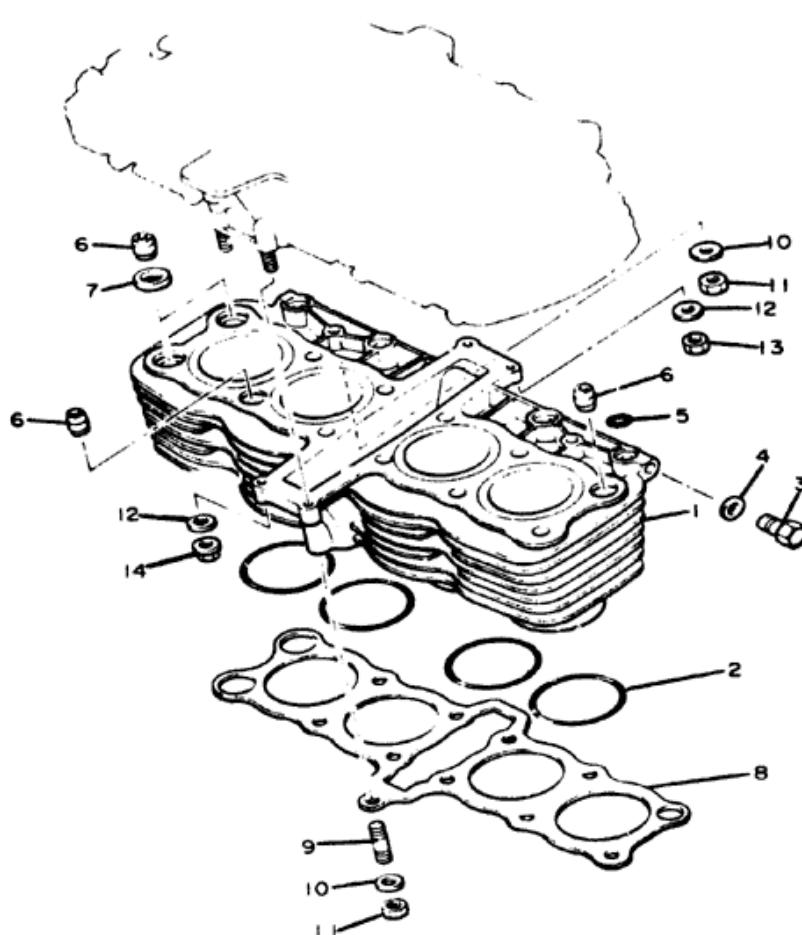
SEE GRID H-1 FOR KIT COMPONENT PARTS

13	90201-10128-00	WASHER, plate	2
14	90176-10049-00	NUT (90179-10277)	12
15	NGK-BP7ES-00-00	PLUG, spark (94701-00117) ...	4
16	5G2-11181-00-00	GASKET, cylinder head 1.....	1
17	5G2-11355-00-00	SEAL, cylinder 1	1
18	5G2-11191-10-00	COVER, cylinder head 1	1
19	5G2-11193-00-00	GASKET, head cover 1	1
20	90109-06604-00	BOLT	4
21	4G0-1111G-00-00	RUBBER, mount 1	4
22	90109-06605-00	BOLT	8
23	4U8-1112G-00-00	RUBBER, mount 2	8

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

Cylinder Head Cover	Bolt 6 x 1.0: 1.6 m-kg
Cylinder Head:	Nut 10 x 1.25: 3.2 m-kg (Apply Oil)
Spark Plug Type	NGK BP7ES or Nippon Denso W22EP
Spark Plug Gap / Torque / Cap Ω	0.7~0.8mm/2.0m-kg/Oil. 184.5KG::1% /Oil. 253.10KG::1%

CYLINDER

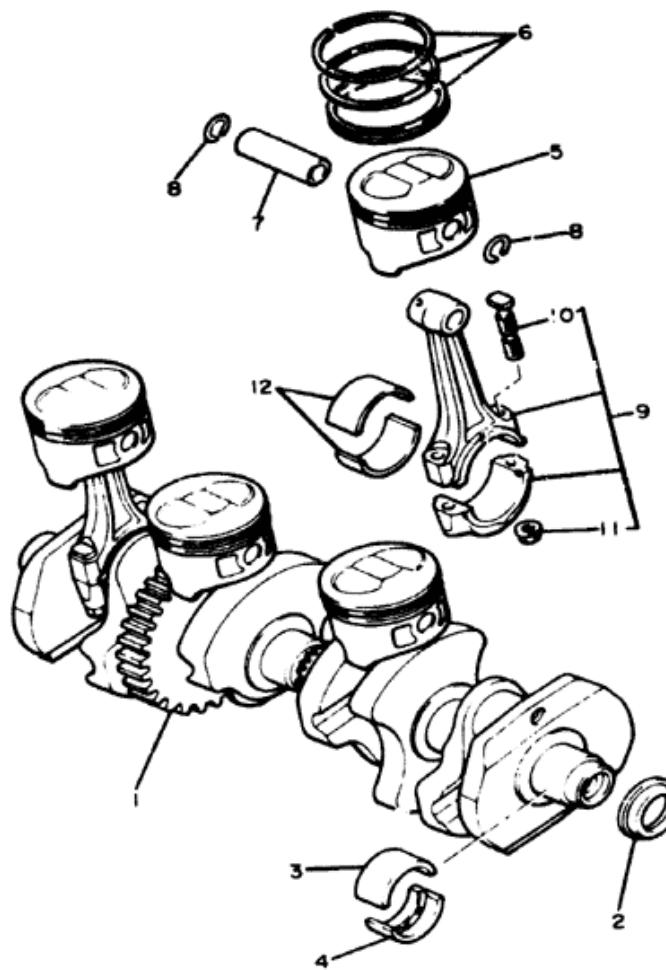


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-11310-10-00	CYLINDER	1	
2	93210-71462-00	O-RING	4	
3	90340-12065-00	PLUG, straight screw	2	
4	90201-12790-00	WASHER, plate	2	
5	93210-09443-00	O-RING	4	
6	99530-14016-00	PIN, dowel (91830-24016)	4	
7	90430-14131-00	GASKET	2	
8	31A-11351-00-00	GASKET, cylinder (5G2-11351-00)	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	95311-06600-00	NUT	2	
14	90179-06499-00	NUT (90179-06306)	2	

Initial Engine Number / Frame Number	5G2-100101 / 5G2-100101
Bore/Stroke/Number Cylinders/Displacement (cc)	85mm / 56.4mm / 4 / 748cc
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm ²

5G2110-1020

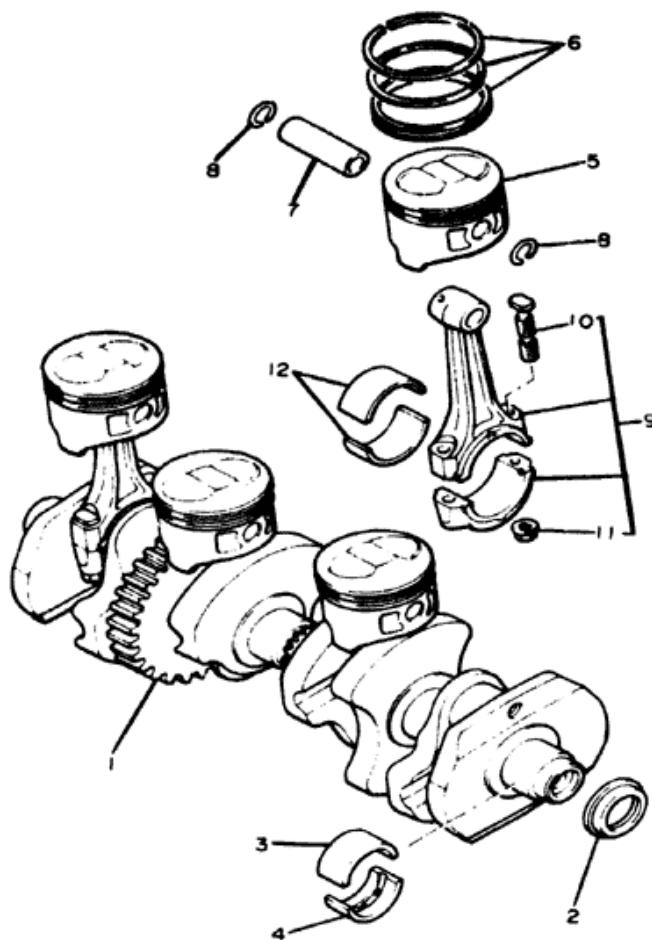
CRANKSHAFT • PISTON



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-11411-00-00	CRANKSHAFT	1	
2	93101-32144-00	OIL SEAL (93101-32088)	1	
3	4H7-11416-01-00	PLANE BEARING, crankshaft 1	5	U.R. Blue
	4H7-11416-11-00	PLANE BEARING, crankshaft 1	5	U.R. Black
	4H7-11416-21-00	PLANE BEARING, crankshaft 1	5	U.R. Brown
	4H7-11416-31-00	PLANE BEARING, crankshaft 1	5	U.R. Green
	4H7-11416-41-00	PLANE BEARING, crankshaft 1	5	U.R. Yellow
4	5G2 11418-00-00	PLANE BEARING, crankshaft 3	5	U.R. Blue
	5G2-11418-10-00	PLANE BEARING, crankshaft 3	5	U.R. Black
	5G2-11418-20-00	PLANE BEARING, crankshaft 3	5	U.R. Brown
	5G2-11418-30-00	PLANE BEARING, crankshaft 3	5	U.R. Green
	5G2-11418-40-00	PLANE BEARING, crankshaft 3	5	U.R. Yellow
5	5G2-11631-00-00	PISTON (STD)	4	
	5G2-11635-00-00	PISTON (1st O/S 0.25mm)	4	Alternate Part
	5G2-11636-00-00	PISTON (2nd O/S 0.50mm)	4	Alternate Part
	5G2-11637-00-00	PISTON (3rd O/S 0.75mm)	4	Alternate Part
	5G2-11638-00-00	PISTON (4th O/S 1.00mm)	4	Alternate Part
6	5G2-11610-00-00	PISTON RING SET (STD)	4	
	5G2-11610-10-00	PISTON RING SET (1st O/S)	4	Alternate Part
	5G2-11610-20-00	PISTON RING SET (2nd O/S)	4	Alternate Part
	5G2-11610-30-00	PISTON RING SET (3rd O/S)	4	Alternate Part
	5G2-11610-40-00	PISTON RING SET (4th O/S)	4	Alternate Part

Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.1mm
Ring End Gap 1st / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

CRANKSHAFT • PISTON



Ref. No.	Part Number	Description	Qty.	Remarks
7	4H7-11633-00-00	PIN, piston	4	
8	93450-17044-00	CIRCLIP	8	
* 9	5G2-11650-00-00	CONNECTING ROD ASS'Y (5G2-Y1165-00)	4	
10	4H7-11654-00-00	BOLT, connecting rod	2	
11	90179-07307-00	NUT	2	
12	5G2-11656-00-00	PLANE BEARING, connecting rod	8	U.R. Blue
	5G2-11656-10-00	PLANE BEARING, connecting rod	8	U.R. Black
	5G2-11656-20-00	PLANE BEARING, connecting rod	8	U.R. Brown
	5G2-11656-30-00	PLANE BEARING, connecting rod	8	U.R. Green

CRANKSHAFT BEARING SELECTION

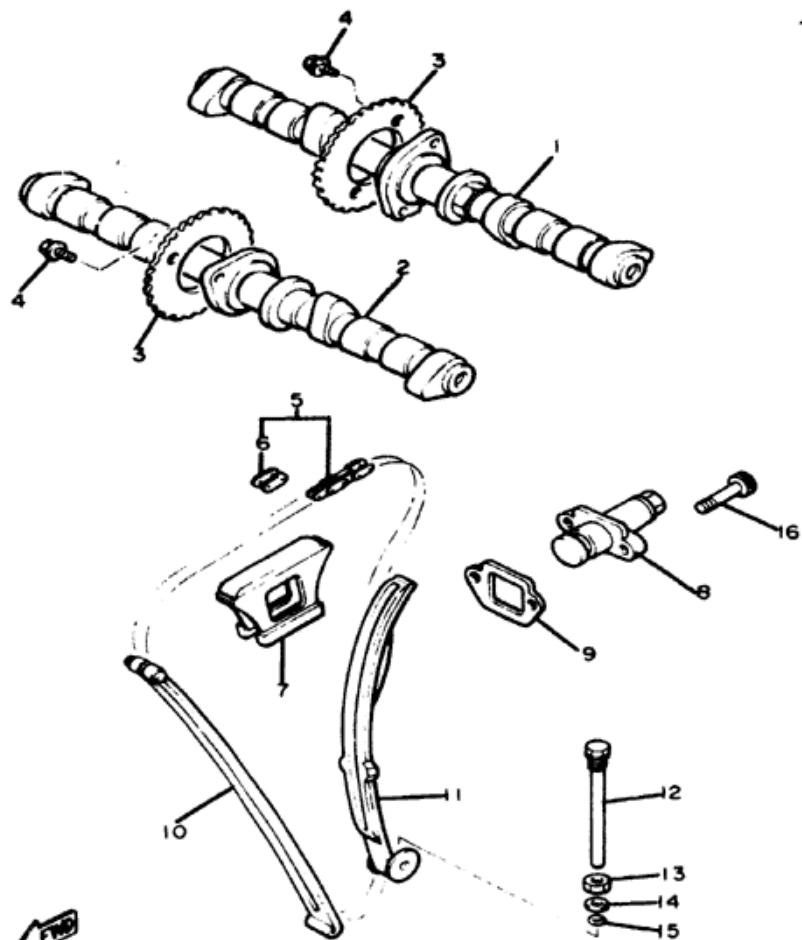
Housing No. — Shaft No. = Bearing No.

BEARING NO.	PART NO.	COLOR
BEARING 1	4H7-11416-01-00	BLUE
BEARING 2	4H7-11416-11-00	BLACK
BEARING 3	4H7-11416-21-00	BROWN
BEARING 4	4H7-11416-31-00	GREEN
BEARING 5	4H7-11416-41-00	YELLOW

5G2110-1030

Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

CAMSHAFT • CHAIN

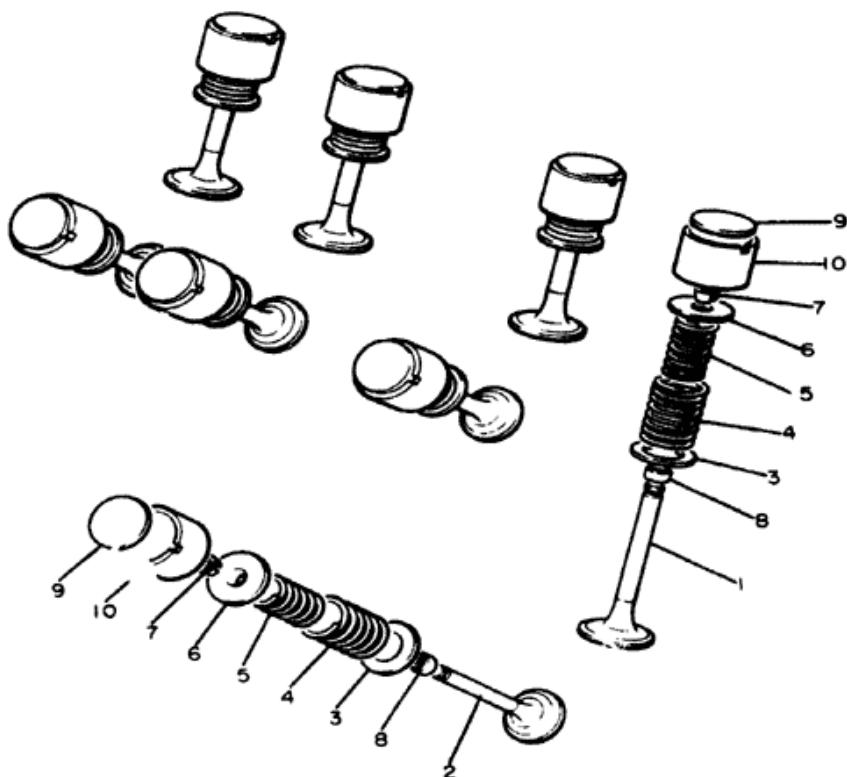


Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-12171-00-00	CAMSHAFT 1	1	
2	4K0-12181-00-00	CAMSHAFT 2	1	
3	4G0-12176-01-00	SPROCKET, cam chain (32T) (4G0-12176-00)	2	
4	90105-07087-00	BOLT, washer based	4	
5	94500-02120-00	CHAIN (BF05M-120L)	1	
6	94600-02001-00	. JOINT, chain	1	
7	4H7-12241-00-00	GUIDE, stopper 2	1	
* 8	5G2-12210-02-00	TENSIONER ASS'Y, cam chain (5G2-12210-10)	1	
9	5G2-12213-00-00	GASKET, tensioner case	1	
10	4H7-12251-00-00	DAMPER, chain 1	1	
11	4H7-12252-00-00	DAMPER, chain 2	1	
12	90109-10570-00	BOLT	1	
13	95303-10700-00	NUT (95301-10700)	1	
14	92901-08600-00	WASHER, plate	1	
15	93210-08006-00	O-RING	1	
16	91316-06025-00	BOLT	2	

*Indicates new part numbers activated from March, 1988.

5G2110-1040

VALVE

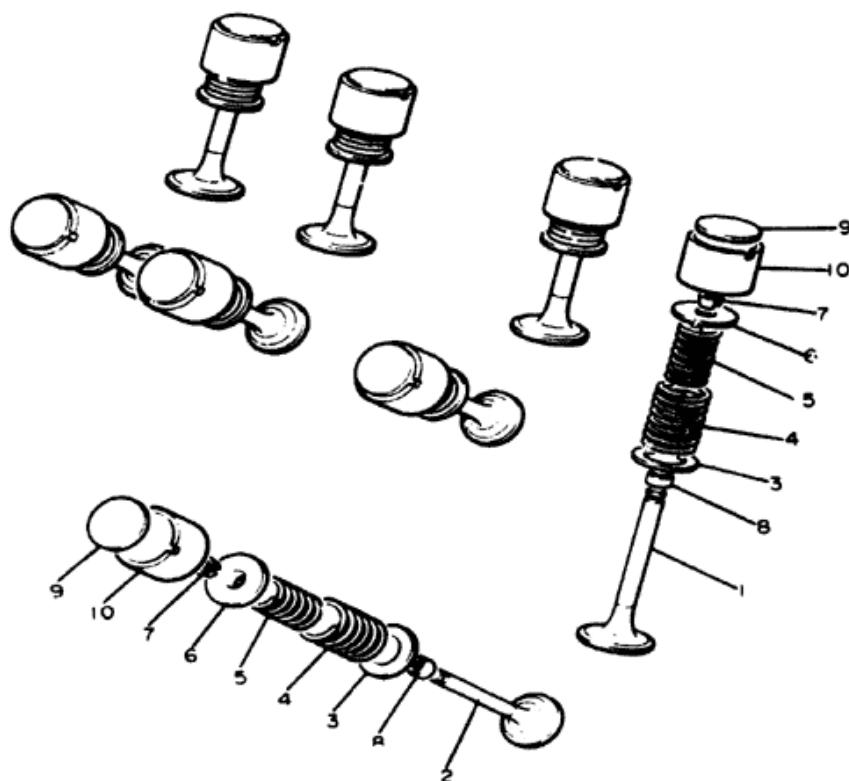


Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-12111-00-00	VALVE, intake	4	
2	4H7-12121-00-00	VALVE, exhaust.....	4	
3	4H7-12116-00-00	SEAT, valve spring	8	
4	4H7-12114-00-00	SPRING, valve outer.....	8	
5	4H7-12113-00-00	SPRING, valve inner.....	8	
6	2F3-12117-00-00	RETAINER, valve spring.....	8	
7	1J7-12118-00-00	COTTER, valve.....	16	
8	1J7-12119-01-00	SEAL, valve stem.....	8	
9	1J7-12169-01-00	PAD, adjusting (2.00)	8	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.

4H7110-0050

Valve Clearance (Cold) Intake / Exhaust 0.11mm ~ 0.15mm / 0.16 ~ 0.20mm

VALVE



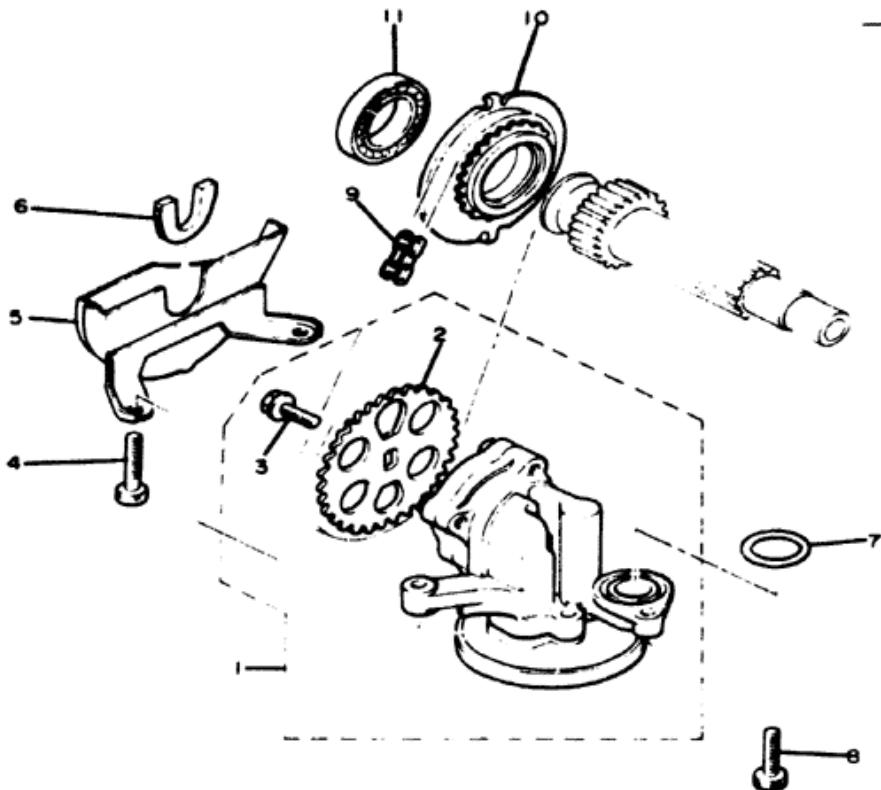
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9	1J7-12169-91-00	PAD, adjusting (2.45)	8	U.R.
	1J7-12169-A1-00	PAD, adjusting (2.50)	8	U.R.
	1J7-12169-E1-00	PAD, adjusting (2.55)	8	U.R.
	1J7-12169-F1-00	PAD, adjusting (2.60)	8	U.R.
	1J7-12169-G1-00	PAD, adjusting (2.65)	8	U.R.
	1J7-12169-H1-00	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	

Valve Clearance (Cold) Intake / Exhaust

0.11mm ~ 0.15mm / 0.16 ~ 0.20mm

FWD
4H7110.G050

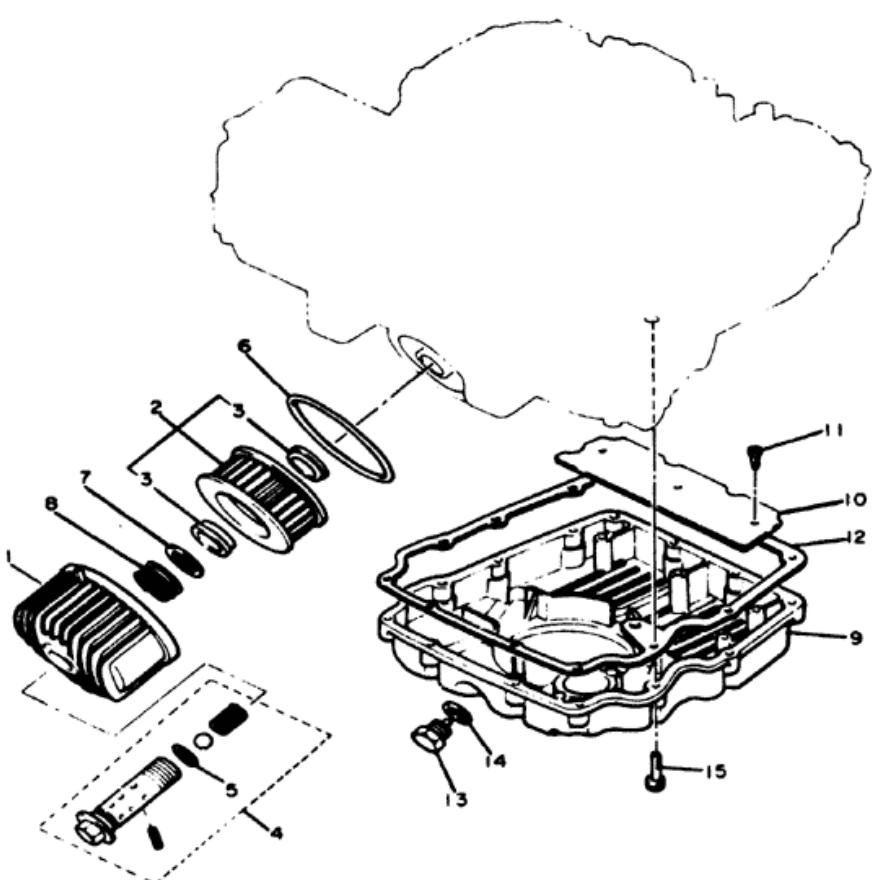
OIL PUMP



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-13300-00-00	OIL PUMP ASS'Y	1	
2	5G2-13355-00-00	SPROCKET, driven.....	1	
3	90105-06154-00	BOLT, washer based	1	
4	90110-06035-00	BOLT, hexagon socket head	2	
5	4H7-13327-00-00	COVER, pump gear.....	1	
6	4H7-13328-00-00	GROMMET gear cover.....	1	
7	93210-18319-00	O-RING.....	1	
8	91316-06025-00	BOLT	1	
9	94580-25062-00	CHAIN (DID25 62L)	1	
10	4H7-13354-00-00	SPROCKET, drive (25T)	1	
11	93315-23208-00	BEARING, cylindrical	1	

5G2110-1060

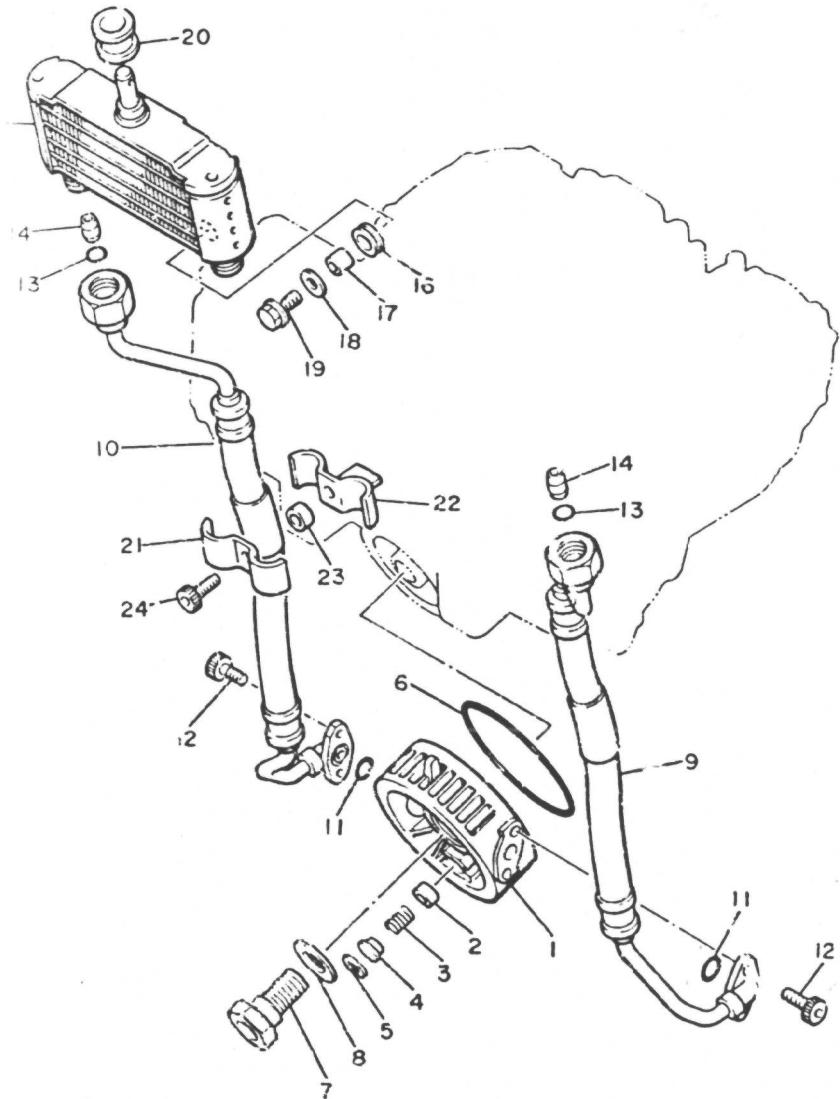
OIL CLEANER



Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-13447-00-00	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	4H7-13417-03-00	COVER, strainer (4H7-13417-02)	1	
10	4H7-13337-00-00	PLATE, baffle lower	1	
11	92580-06010-00	SCREW, pan head (92503-06010)	3	
12	4H7-13414-01-00	GASKET, strainer cover (4H7-13414-00)	1	
13	90340-14042-00	PLUG, straight screw	1	
14	214-11198-01-00	GASKET	1	
15	90110-06138-00	BOLT (91316-06030)	13	

5G2110-1070

FIG. 8 OIL COOLER

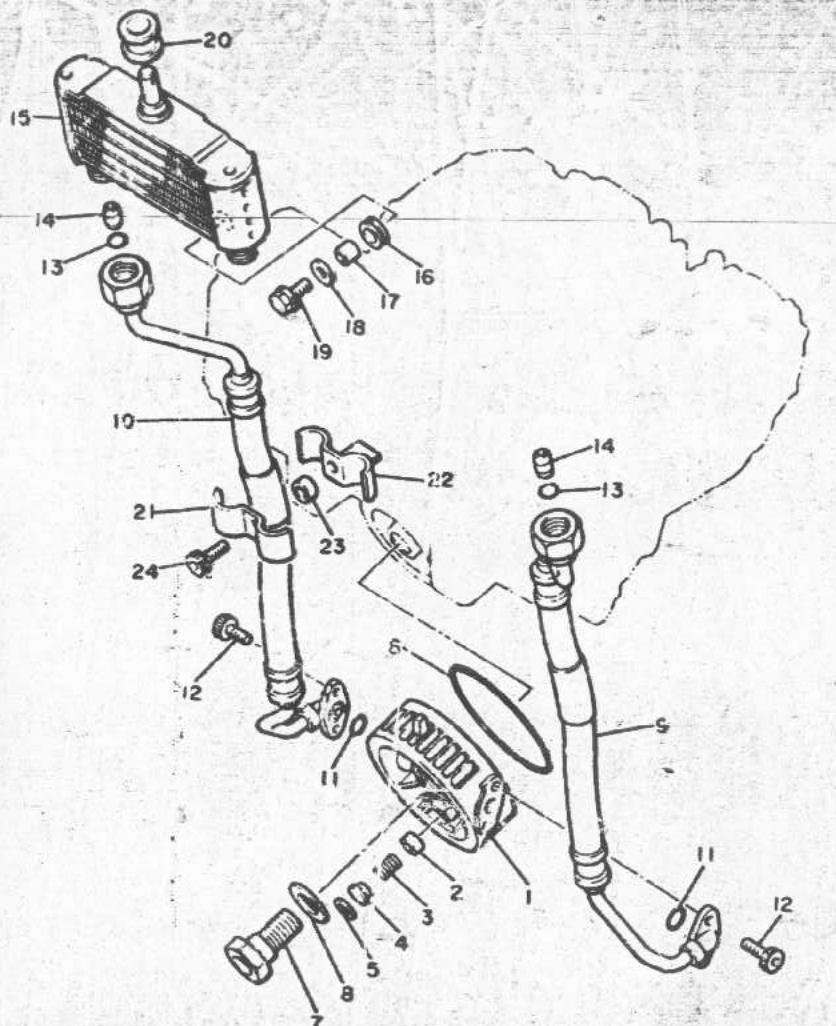


REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	4K0-13461-00	PLATE, adapter	1	
2	2H9-13493-00	PLUNGER	1	
3	90501-12413	SPRING, compression	1	
4	90209-06173	WASHER	1	
5	93420-17046	CIRCLIP	1	
6	93210-88324	O-RING	1	
7	90401-20053	BOLT, union	1	
8	90201-25526	WASHER, Plate	1	
9	4K0-13464-00	HOSE, oil 1	1	
10	4K0-13465-00	HOSE, oil 2	1	
11	93210-10197	O-RING	2	
12	91316-06016	BOLT	4	
13	93210-12152	O-RING	2	
14	91810-08016	PIN, dowel	2	
15	4K0-13470-00	OIL COOLER ASSY	1	
16	90480-15235	GROMMET	2	
17	90387-06047	COLLAR	2	
18	90209-06174	WASHER	2	
19	95826-06020	BOLT, flange	2	
20	90480-16284	GROMMET	1	
21	90462-10066	CLAMP	1	
22	90462-10095	CLAMP	1	
23	90387-07038	COLLAR	1	
24	91316-06025	BOLT	1	

FMW

5N1700-1080

FIG. 7 - OIL COOLER

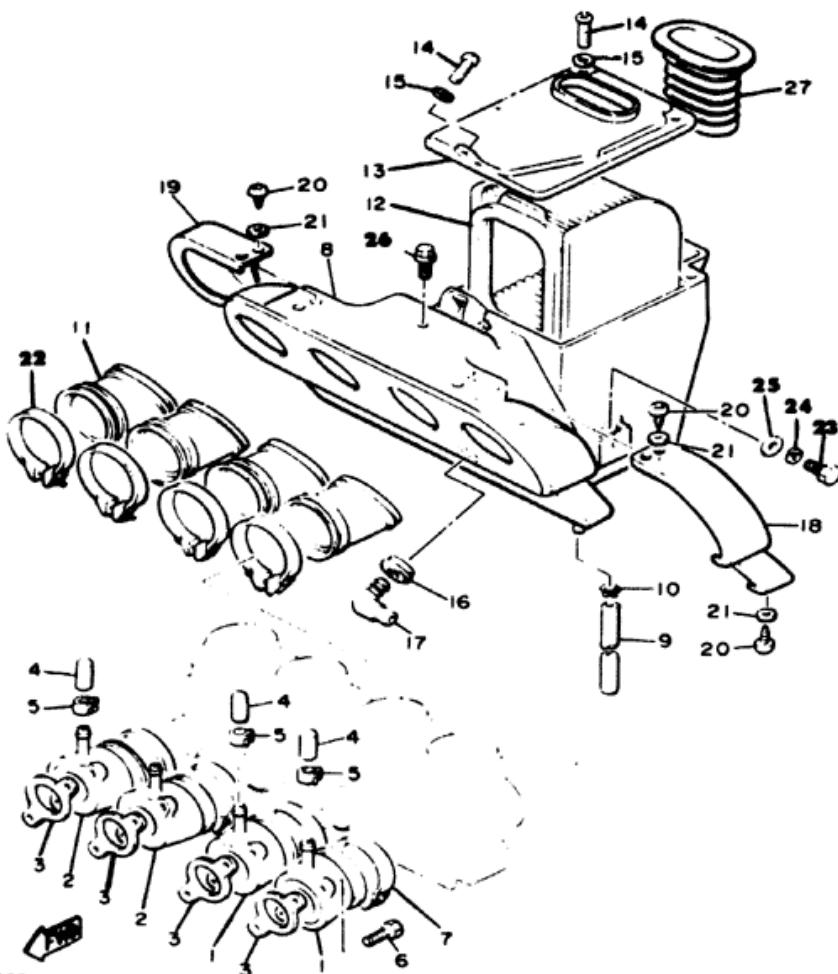


REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	SN1-13481-00	PLATE, adapter	1	
2	2H9-13493-00	PLUNGER	1	
3	90501-12413	SPRING, compression	1	
4	93205 06173	WASHER	1	
5	99009-17800	CIRCLIP	1	
6	93210-88324	O-RING	1	
7	90401-20089	BOLT, union	1	
8	90261-25526	WASHER, Plate (T2.0)	1	
9	4K0-13464-00	HOSE, oil 1	1	
10	4K0-13465-00	HOSE, oil 2	1	
11	93210-10197	O-RING	2	
12	91316-06016	BOLT	4	
13	93210-12152	O-RING	2	
14	91810-08016	PIN, dowel	2	
15	4K0-13470-00	OIL COOLER ASSY	1	
16	90480-15235	GROMMET	2	
17	90387-060A7	COLLAR	2	
18	90209-06174	WASHER	2	
19	95826-06020	BOLT, flange	2	
20	90480-16284	GROMMET	1	
21	90462-10066	CLAMP	1	
22	90462-10095	CLAMP	1	
23	90387-07038	COLLAR	1	
24	91316-06025	BOLT	1	

SN1700-1080

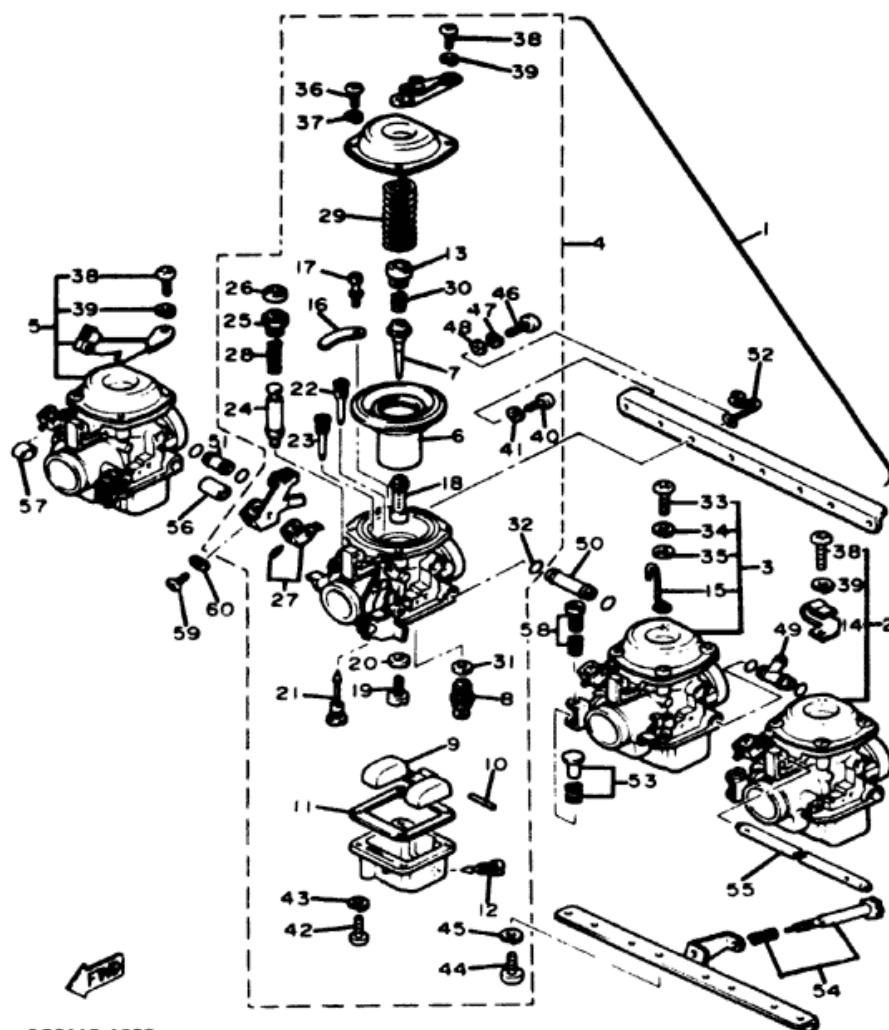
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INTAKE



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-13586-02-00	JOINT, carburetor 1 (5G2-13586-01)	2	
2	5G2-13596-01-00	JOINT, carburetor 2 (5G2-13596-01)	2	
3	4H7-13556-01-00	GASKET, manifold	4	
4	16G-13569-00-00	PLUG, blind (1J7-13569-00) . . .	3	
5	90467-10039-00	CLIP	3	
6	91316-06020-00	BOLT	8	
7	90460-49248-00	CLAMP, hose (90460-43183) . . .	4	
8	5G2-14401-00-00	AIR CLEANER CASE ASS'Y	1	
9	90445-11182-00	HOSE	1	
10	90467-09006-00	CLIP	1	
11	5G2-14453-00-00	JOINT, air cleaner 1	4	
12	4H7-14451-00-00	ELEMENT, air cleaner	1	
13	5G2-14412-00-00	CAP, cleane case 1	1	
14	92580-06012-00	SCREW, pan head (92503-06012)	3	
15	92901-06600-00	WASHER, (92902-06600)	3	
16	90480-16278-00	GROMMET	1	
17	4H7-14419-00-00	PIPE	1	
18	5G2-1441A-00-00	COVER, cleaner case 1	1	
19	5G2-1441E-00-00	COVER, cleaner case 2	1	
20	90167-05006-00	SCREW, tapping	6	
21	92906-05200-00	WASHER, plain	6	
22	90460-56105-00	CLAMP, hose	4	
23	97301-06016-00	BOLT (97301-06015)	1	
24	92990-06100-00	WASHER, spring (92903-06100) . . .	1	
25	90201-06067-00	WASHER, plate	1	
26	90119-06029-00	BOLT, w/washer	1	
27	5G2-14437-00-00	DUCT	1	

CARBURETOR

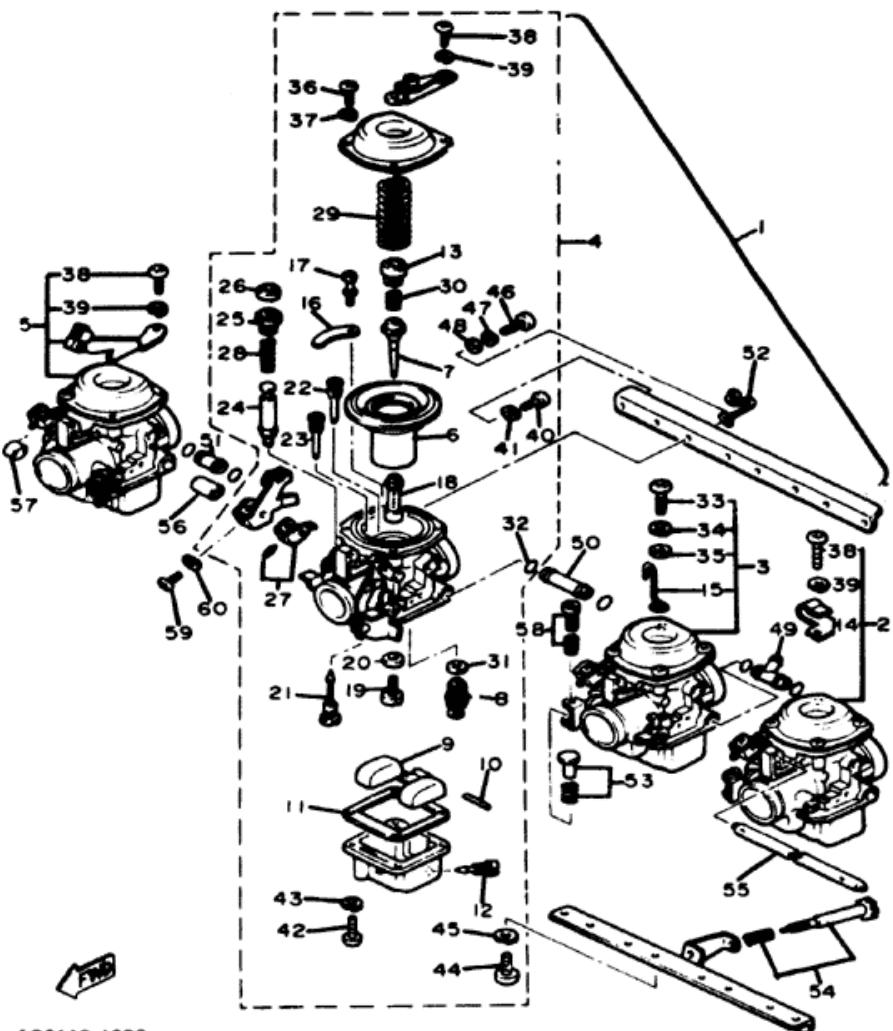


Ref. No.	Part Number	Description	Qty.	Remarks
1	[5G2-14900-00-00] CARBURETOR ASS'Y	CARBURETOR ASS'Y	1	
2	5G2-14901-01-00	CARBURETOR ASS'Y 1 (5G2-14901-00)	1	
3	5G2-14902-01-00	CARBURETOR ASS'Y 2 (5G2-14902-00)	1	
4	5G2-14903-01-00	CARBURETOR ASS'Y 3 (5G2-14903-00)	1	
5	5G2-14904-01-00	CARBURETOR ASS'Y 4 (5G2-14904-00)	1	
6	4H7-14940-00-00	DIAPHRAGM ASS'Y	4	
7	4H7-14917-13-00	JET, needle	4	
8	10L-14390-02-00	NEEDLE VALVE ASS'Y (4H7-14990-00)	4	
9	4H7-14985-00-00	FLOAT	4	
10	4H7-14186-00-00	PIN, float	4	
11	4H7-14984-00-00	GASKET, float chamber	4	
12	4X7-14191-01-00	PLUG, drain (4H7-14191-00) ..	4	
13	4H7-14936-00-00	SEAT, spring	4	
14	4H7-14159-00-00	CLIP	1	
*15	4H7-14139-01-00	CLIP, pipe (4H7-14139-00) ..	1	
16	4H7-14527-00-00	PLATE	4	
17	4H7-14325-00-00	SCREW, pan head	4	
18	4H7-14921-32-00	NOZZLE, main	4	
19	4X7-14925-20-00	JET, main (#120)	4	
20	4H7-14945-00-00	WASHER, main jet	4	

*Indicates new part numbers activated from March, 1988.

CARBURETOR - Mfr. / Type / I.D. Number	Hitachi / HSC32 / 5G2-00
Main Jet / Pilot Jet	120 / 40
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed
Slide Cutaway or Throttle Valve	13.0
Float Level / Fuel Level	NA / 3.0 ± 1mm
Idle rpm	1050 rpm
Max CO% / Max HC% / Set CO	See HC/CO Spec on Page 2

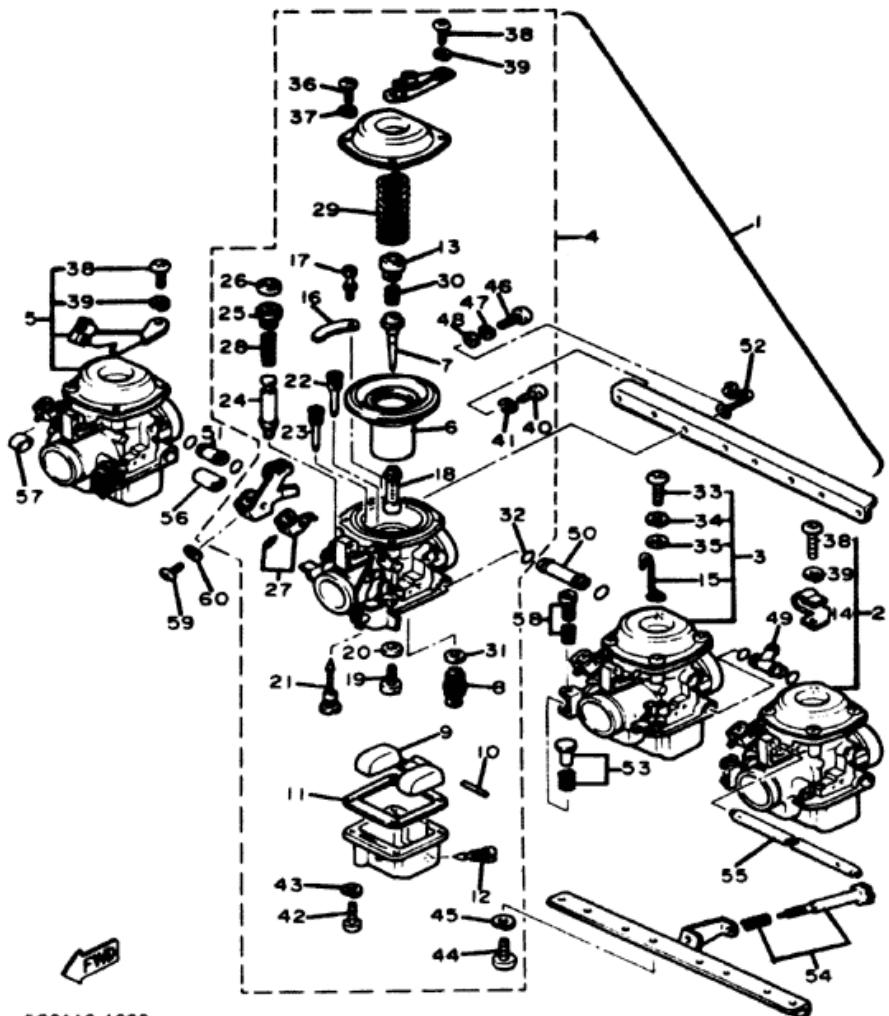
CARBURETOR



Ref. No.	Part Number	Description	Qty.	Remarks
21	4H7-14948-40-00	.. JET, pilot (#40)	4	
22	4H7-14928-16-00	.. JET, main air	4	
23	4H7-14949-45-00	.. JET, pilot, air	4	
24	4H7-14171-00-00	.. PLUNGER, starter	4	
25	4H7-14174-00-00	.. CAP, plunger	4	
26	4H7-14173-00-00	.. COVER, plunger cap	4	
27	5G2-W1495-00-00	.. STARTER LEVER SET	4	
28	4H7-14135-00-00	.. SPRING, plunger	4	
29	4H7-14933-00-00	.. SPRING, diaphragm	4	
30	4H7-14589-01-00	.. SPRING (4H7-14589-00)	4	
31	4H7-14952-00-00	.. WASHER	4	
32	3J3-14147-00-00	.. O-RING	6	
33	98580-04010-00	.. SCREW, pan head (98503-04010)	1	
34	92901-04100-00	.. WASHER, spring	1	
35	92901-04600-00	.. WASHER, plate	1	
36	98501-04008-00	.. SCREW, pan head	10	
37	92901-04100-00	.. WASHER, spring	10	
38	98580-04010-00	.. SCREW, pan head (98503-04010)	5	
39	92901-04100-00	.. WASHER, spring	5	
40	98501-05010-00	.. SCREW, pan head	7	

GASURATOR - Mfr. / Type / I.D. Number	Hitachi / HSC32 / 5G2-00
Main Jet / Pilot Jet	120 / 40
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed
Slide Cutaway or Throttle Valve	13.0
Float Level / Fuel Level	NA / 3.0 ± 1mm
Idle rpm	1050 rpm
Max CO* / Max HC* / Set CO	See HC/CO Spec on Page 2

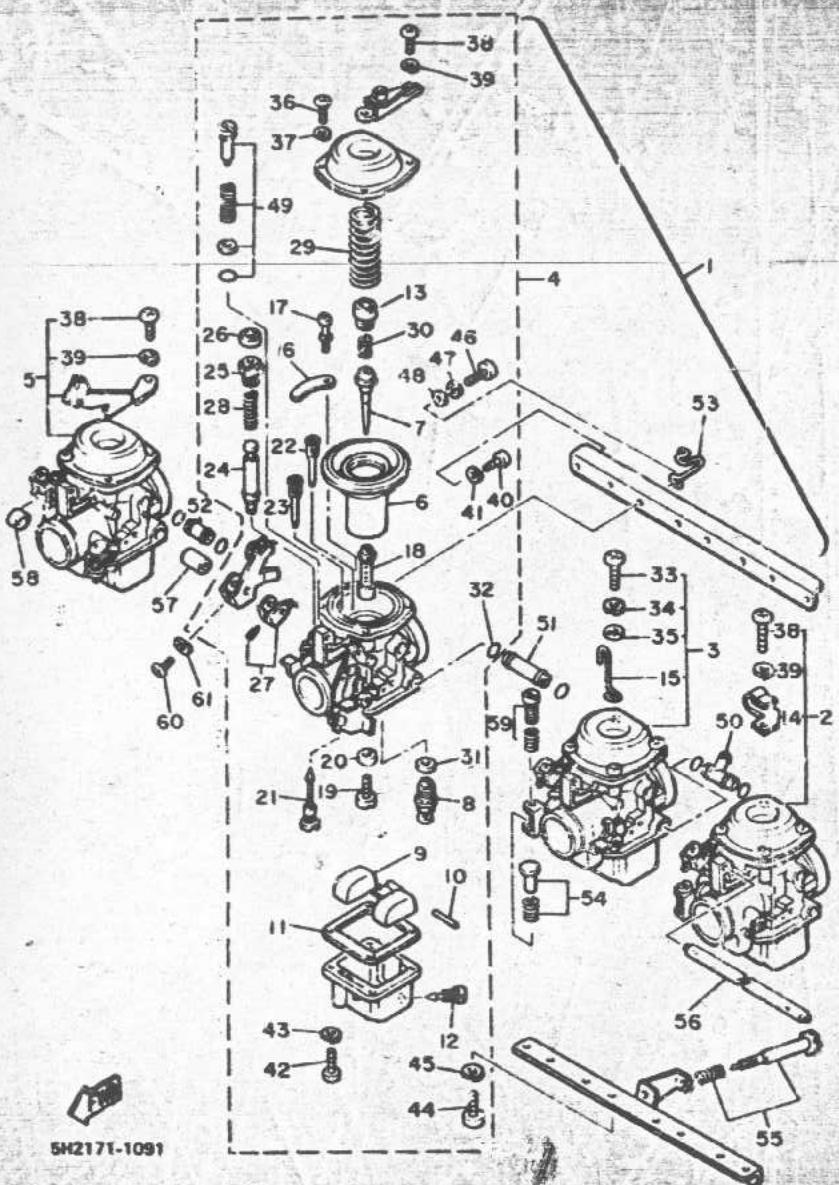
CARBURETOR



Ref. No.	Part Number	Description	Qty.	Remarks
41	92990-05100-00	. . . WASHER, spring (92903-05100)	7	
42	98501-05016-00	. . . SCREW, pan head	16	
43	92990-05100-00	. . . WASHER, spring (92903-05100)	16	
44	92580-06012-00	. . . SCREW, pan head (92503-06012)	8	
45	92990-06100-00	. . . WASHER, spring (92903-06100)	8	
46	98580-05012-00	. . . SCREW, pan head (98503-05012)	1	
47	92990-05100-00	. . . WASHER, spring (92903-05100)	1	
48	92901-05600-00	. . . WASHER, plate	1	
49	4H7-14988-00-00	. . PIPE, starter connecting	1	
50	4H7-14188-01-00	. . CONNECTOR (4H7-14188-00)	1	
51	4H7-14189-01-00	. . CONNECTOR (4H7-14189-00)	1	
52	4H7-14919-00-00	. . CLIP	1	
53	5G2-W1492-00-00	. . THROTTLE ADJUST SCREW SET 2	3	
54	5G2-W1493-00-00	. . THROTTLE ADJUST SCREW SET 3	1	
55	5G2-14978-00-00	. . SHAFT, starter lever	1	
56	4H7-14998 00-00	. . BUSH	1	
57	4H7-14973-00-00	. . WASHER	1	
58	5G2-W1491-00-00	. . THROTTLE ADJUST SCREW SET 1	3	
59	98501-03016-00	. . SCREW, pan head (98502-03016)	1	
60	92990-03100-00	. . WASHER, spring (92901-03100)	1	

CARBURETOR - Mfr. / Type / I.D. Number	Hitachi / HSC32 / 5G2-00
Main Jet / Pilot Jet	120 / 40
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed
Slide Cutaway or Throttle Valve	13.0
Fuel Level / Fuel Level	NA / 3.0 ± 1mm
Idle rpm	1050 rpm
Max CO% / Max HC% / Set CO	See HC/CO Spec on Page 2

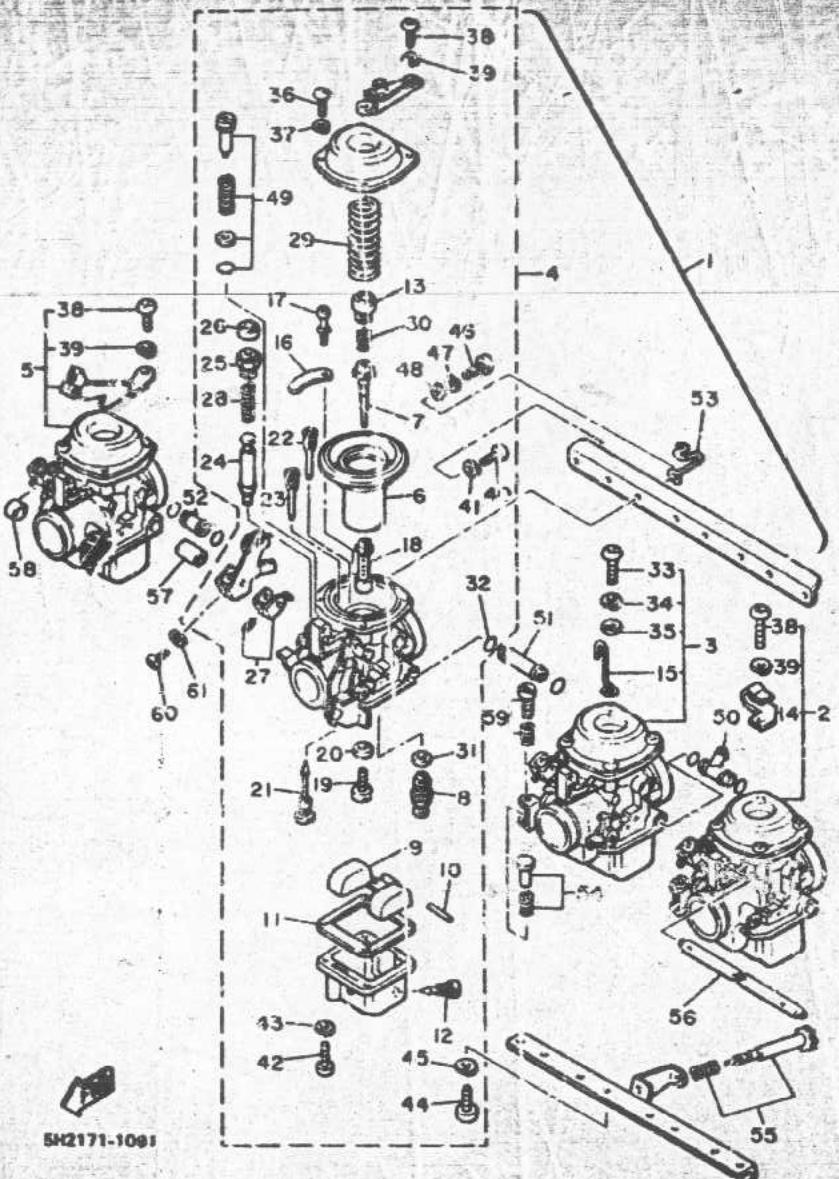
FIG. 10. CARBURETOR



SH2171-1091

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	4H7-14933-00	..SPRING, diaphragm	4	
30	4H7-14589-00	..SPRING	4	
31	4H7-14952-00	..WASHER	4	
32	3J3-14147-00	..O-RING	6	
33	98503-04010	..SCREW, Pan head	1	
34	92901-04100	..WASHER, sPring	1	
35	92901-04600	..WASHER, Plate	1	
36	98501-04008	..SCREW, Pan head	10	
37	92901-04100	..WASHER, sPring	10	
38	935C3-04010	..SCREW, Pan head	5	
39	92901-04100	..WASHER, sPring	5	
40	98501-05010	..SCREW, Pan head	7	
41	92901-05100	..WASHER, sPring	7	
42	98501-05016	..SCREW, Pan head	16	
43	92901-05100	..WASHER, sPring	16	
44	92501-06012	..SCREW, Pan head	8	
45	92950-06100	..WASHER, sPring	8	
46	985U1-05012	..SCREW, Pan head	1	
47	92901-05100	..WASHER, sPring	1	
48	92901-05600	..WASHER, Plate	1	
49	5H2-H1494-00	..PILOT SCREW SET	4	
50	4H7-14988-00	..PIPE, Starter connecting	1	
51	4H7-14188-00	..CONNECTOR	1	
52	4H7-14189-00	..CONNECTOR	1	
53	4H7-14919-00	..CLIP	1	
54	5G2-H1492-00	..THROTTLE ADJUST SCREW SET 2	3	
55	5G2-H1493-00	..THROTTLE ADJUST SCREW SET 3	1	
56	5G2-14978-00	..SHAFT, starter lever	1	

FIG. 10. CARBURETOR

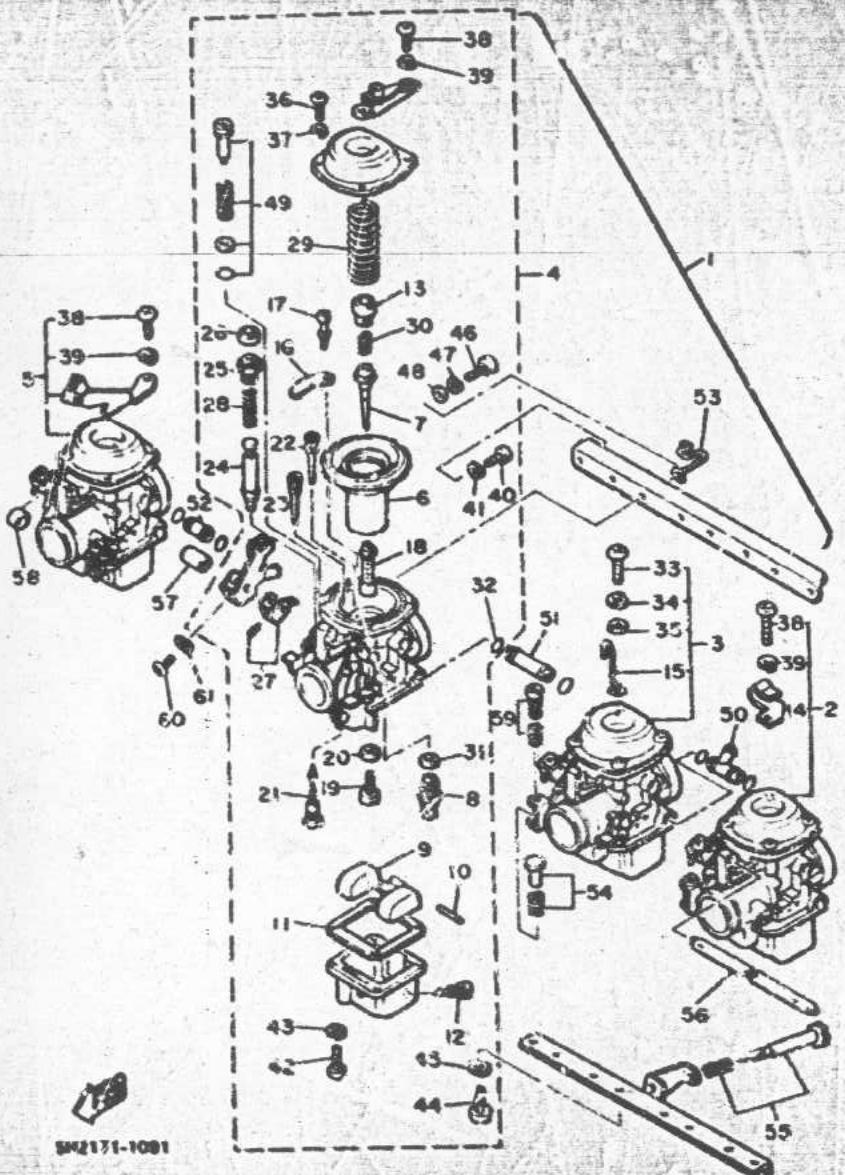


SH2171-1001

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	5N1-14900-01	CARBURETOR ASSY	1	
2	5N1-14901-01	•CARBURETOR ASSY 1	1	
3	5N1-14902-01	•CARBURETOR ASSY 2	1	
4	5N1-14903-01	•CARBURETOR ASSY 3	1	
5	5N1-14904-01	•CARBURETOR ASSY 4	1	
6	4H7-14940-00	..DIAPHRAGM ASSY	4	
7	4H7-14917-14	..JET, needle	4	
8	10L-14390-01	..NEEDLE VALVE ASSY	4	
9	SH7-14981-00	..FLOAT	3	
10	4H7-14186-00	..PIN, float	4	
11	4H7-14984-00	..GASKET, float chamber	4	
12	4H7-14191-01	..PLUG, drain	4	
13	4H7-14936-00	..SEAT, spring	4	
14	4H7-14159-00	..CLIP	1	
15	4H7-14139-00	..CLIP, Pipe	1	
16	4H7-14527-00	..PLATE	4	
17	4H7-14325-00	..SCREW, Pan head	4	
18	4H7-14921-32	..NOZZLE, main	4	
19	4H7-14925-18	..JET, main (#118)	4	
20	4H7-14945-00	..WASHER, main jet	4	
21	4H7-14948-43	..JET	4	
22	4H7-14928-16	..JET, main air	4	
23	4H7-14049-39	..JET, Pilot air (#105)	4	
24	4H7-14171-00	..PLUNGER, starter	4	
25	4H7-14174-00	..CAP, Plunger	4	
26	4H7-14173-00	..COVER, Plunger cap	4	
27	5G2-W1495-00	..STARTER LEVER SET	4	
28	4H7-14135-00	..SPRING, Plunger	4	

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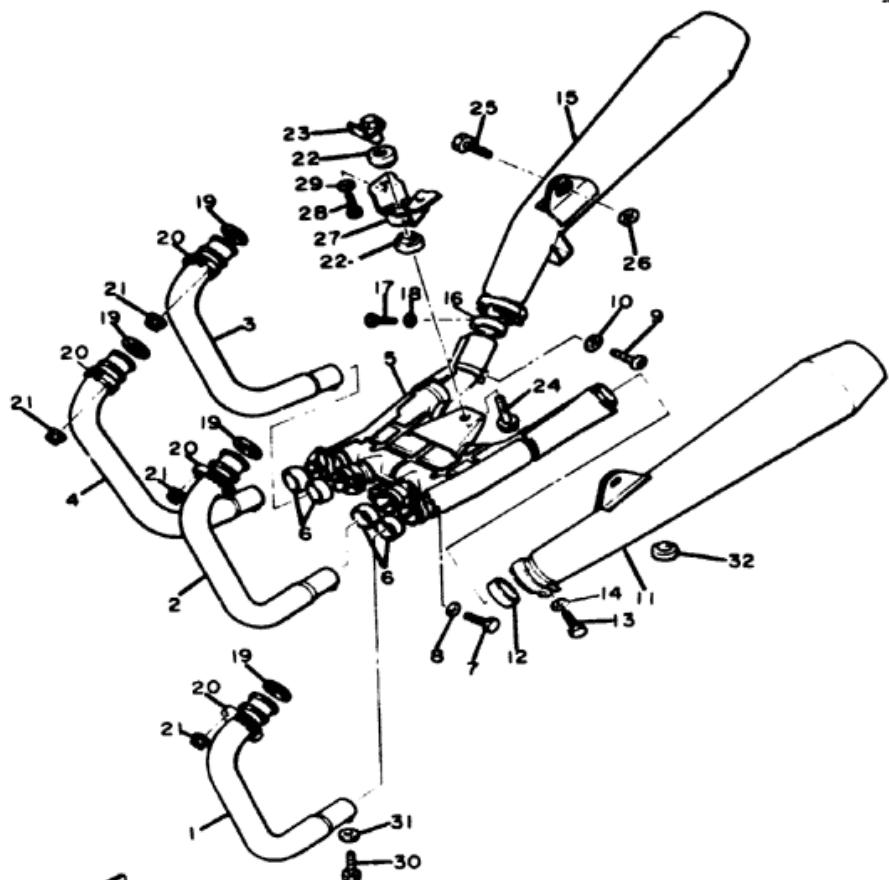
FIG. 10 CARBURETOR



SK2171-1081

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
57	4H7-14998-00	BUSH	1	
58	4H7-14973-00	WASHER	1	
59	5G2-H1491-00	THROTTLE ADJUST SCREW SET 1	3	
60	98502-03016	SCREW, Pan head	1	
61	S2990-03100	WASHER, SPRING	1	

EXHAUST

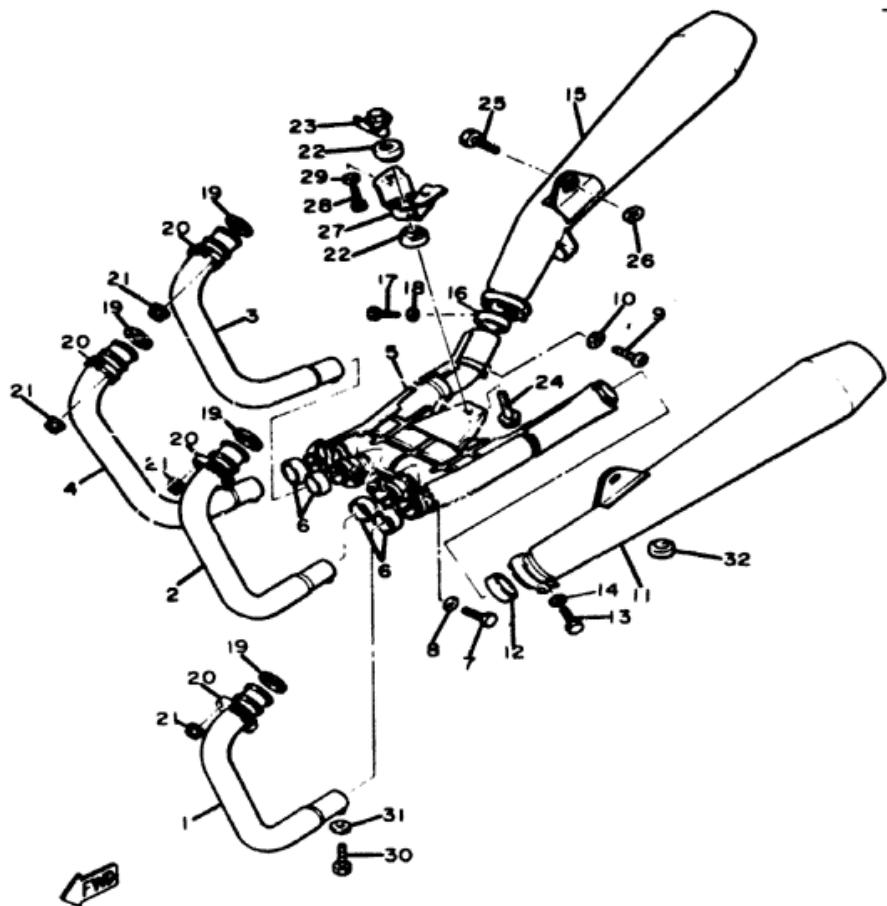


5G2110-1100

Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-14611-00-00	PIPE, exhaust 1	1	
2	5G2-14621-00-00	PIPE, exhaust 2	1	
3	5G2-14631-00-00	PIPE, exhaust 3	1	
4	5G2-14641-00-00	PIPE, exhaust 4	1	
5	5G2-14615-00-00	JOINT, exhaust 1	1	
6	4H7-14714-00-00	GASKET, muffler	4	
7	97016-08020-00	BOLT (97316-08020)	4	
8	92906-08600-00	WASHER, plate	4	
9	92580-06020-00	SCREW, pan head (92503-06020)	2	
10	92901-08600-00	WASHER, plate	2	
11	5G2-14711-80-00	MUFFLER 1 (5G2-14711-00) . . .	1	
12	1L9-14714-01-00	GASKET, muffler	1	
13	97313-08025-00	BOLT (97311-08025)	1	
14	92901-08600-00	WASHER, plate	1	
15	5G2-14721-80-00	MUFLER 2	1	
16	1L9-14714-01-00	GASKET, muffler	1	

"These replacement parts comply with all Florida laws and regulations requiring testing and certification of exhaust system replacement parts."

EXHAUST

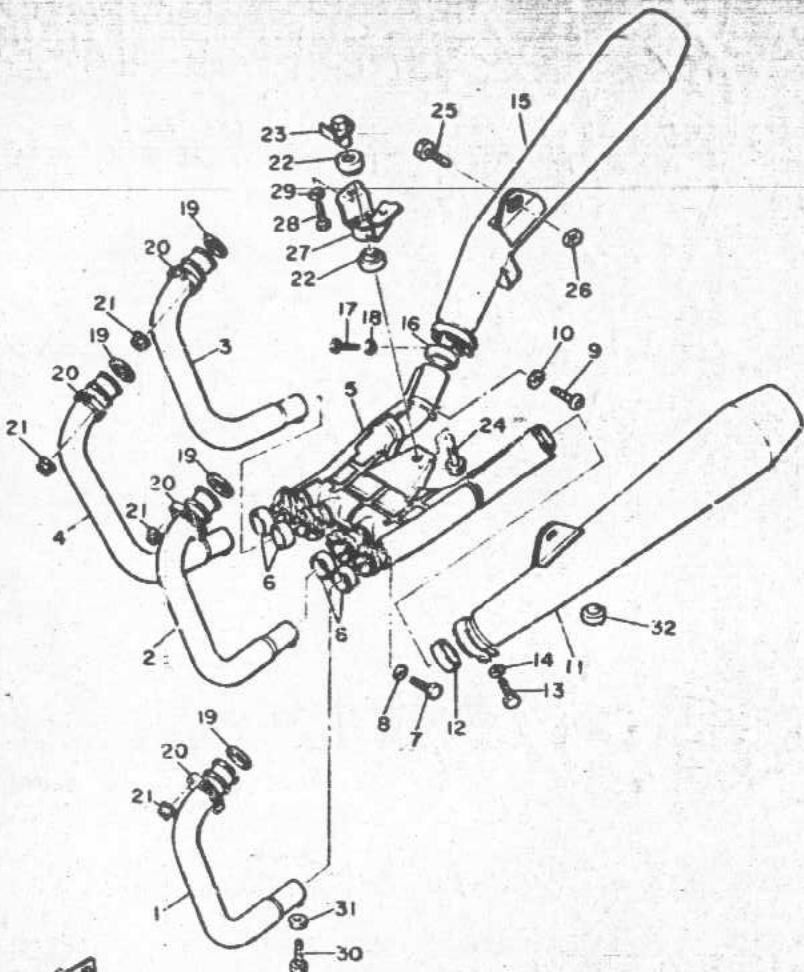


5G2110-1100

Ref. No.	Part Number	Description	Qty.	Remarks
17	97313-08025-00	BOLT (97311-08025)	1	
18	92901-08600-00	WASHER, plate	1	
19	4H7-14613-00-00	GASKET, exhaust pipe	4	
20	5G2-14612-00-00	NUT, ring	4	
21	90179-06499-00	NUT (90179-06306)	8	
22	4K0-14747-00-00	DAMPER, muffler	2	
23	4K0-14638-00-00	COLLAR	1	
24	95801-10040-00	BOLT, flange	1	
25	91316-10030-00	BOLT	2	
26	90179-10278-00	NUT	2	
27	4K0-14791-00-00	STAY, muffler	1	
28	97313-08025-00	BOLT (97311-08025)	2	
29	92901-08600-00	WASHER, plate	2	
30	97013-06012-00	BOLT (97313-06012)	4	
31	92990-06600-00	WASHER, plate	4	
32	1A0-27114-00-00	STOPPER, main stand	1	

"These replacement parts comply with all Florida laws and regulations requiring testing and certification of exhaust system replacement parts."

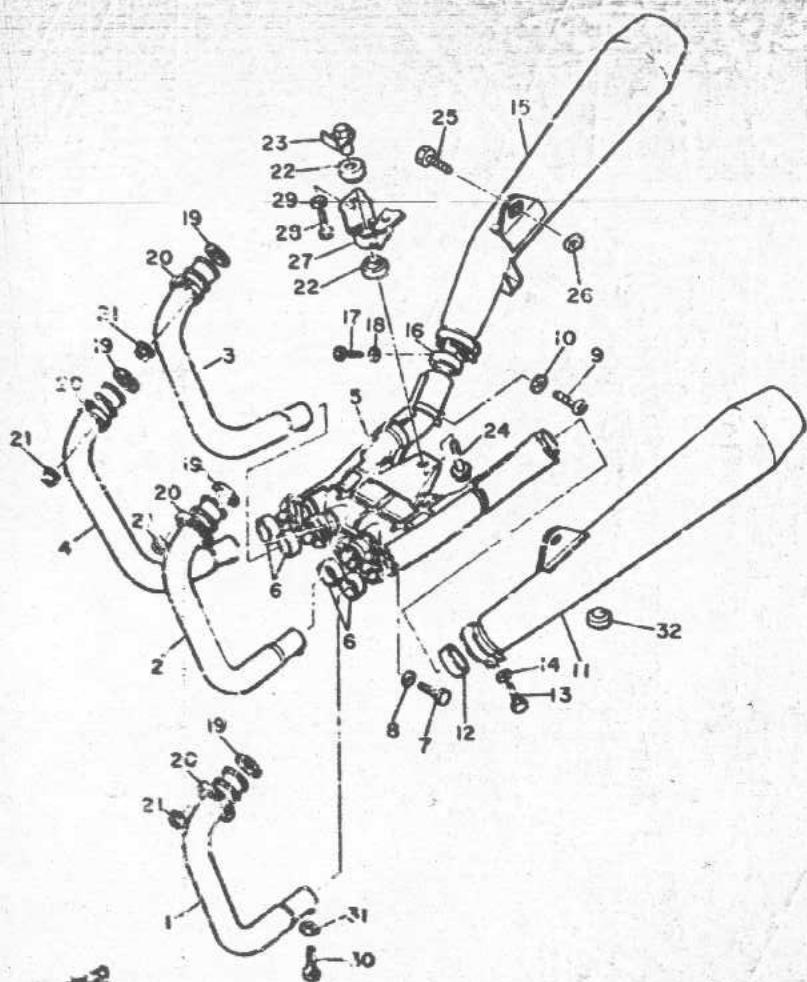
FIG. 11 EXHAUST



SG2110-1100

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	562-4611-00	PIPE, exhaust 1	1	
2	562-1462-00	PIPE, exhaust 2	1	
3	562-14631-00	PIPE, exhaust 3	1	
4	562-14641-00	PIPE, exhaust 4	1	
5	562-14615-00	JOINT, exhaust 1	1	
6	4H7-14714-06	GASKET, muffler	4	
7	97316-08020	BOLT	4	
8	92906-08600	WASHER, Plate	4	
9	92501-06020	SCREW, Pan head	2	
10	92901-06600	WASHER, Plate	2	
11	24L-14711-00	MUFFLER 1	1	
12	1L9-14714-01	GASKET, muffler	1	
13	97311-08025	BOLT	1	
14	92901-08600	WASHER, Plate	1	
15	24L-14721-00	MUFFLER 2	1	
16	1L9-14714-01	GASKET, muffler	1	
17	97311-08025	BOLT	1	
18	92901-08600	WASHER, Plate	1	
19	4H7-14613-00	GASKET, exhaust Pipe	4	
20	562-14612-00	NUT, ring	4	
21	90179-06499	NUT	5	
22	4K0-14747-00	DAMPER, muffler	2	
23	4K0-14638-00	COLLAR	1	
24	95801-10040	BOLT, flange	1	
25	91316-10030	BOLT	2	
26	90179-10276	NUT	2	
27	4K0-14781-00	STAY, muffler	1	
28	97311-08025	BOLT	2	

FIG. 11 EXHAUST

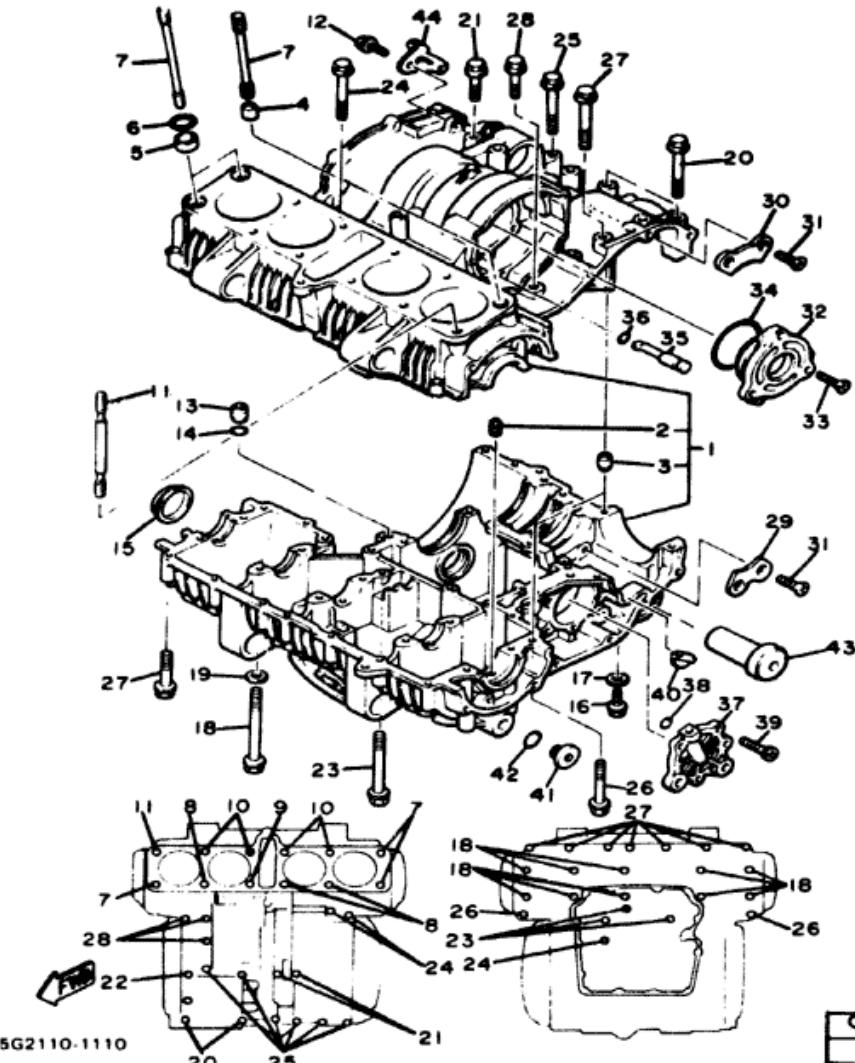


REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	92901-08600	WASHER, Plate	2	
30	90101-06575	BOLT	4	
31	92990-06800	WASHER, Plate	4	
32	1A0-27114-00	STOPPER, main stand	1	

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C2

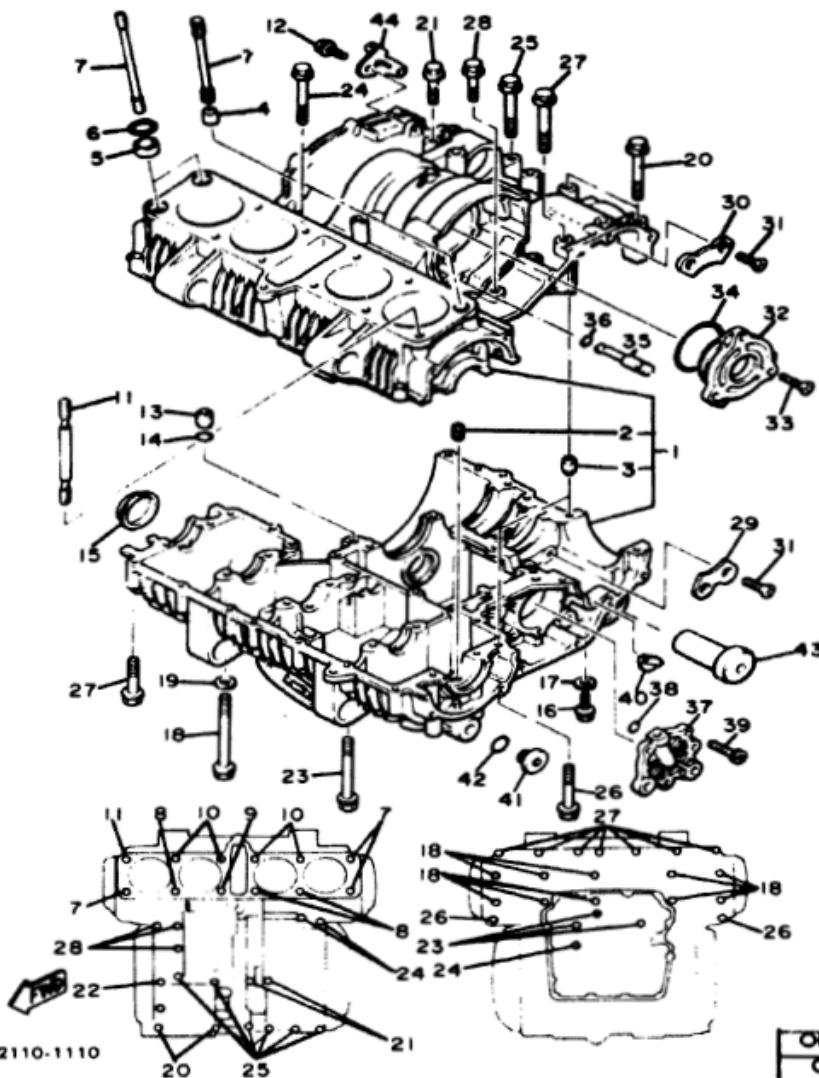
CRANKCASE



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-15106-02-00	CRANKCASE ASS'Y (5G2-15100-01)	1	
2	4H7-15138-00-00	. NOZZLE 1	3	
3	99510-12016-00	. PIN, dowel (91830-22016)	3	
4	99530-14016-00	PIN, dowel (91830-24016)	1	
5	90387-16547-00	COLLAR	2	
6	93210-18322-00	O-RING	2	
7	90116-10330-00	BOLT, stud	3	
8	90116-10329-00	BOLT, stud	3	
9	90116-10328-00	BOLT, stud	1	
10	4H7-11363-00-00	BOLT, cyl. holding 3	4	
11	4H7-11364-00-00	BOLT, cyl. holding 4	1	
12	91311-06012-00	BOLT	2	
13	99510-12016-00	PIN, dowel (91830-22016)	1	
14	93210-11124-00	O-RING	1	
15	4H7-15167-10-00	PLUG (90338-48105)	1	
16	90105-08003-00	BOLT, washer based	1	
17	90201-08087-00	WASHER, plate	1	
18	95811-08105-00	BOLT, flange	10	
19	90201-094G1-00	WASHER, plate (90201-08366)	8	
20	95811-08065-00	BOLT, flange	2	
21	95811-06135-00	BOLT, flange	2	
22	95811-06120-00	BOLT, flange	1	

Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change	2500cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40 SE
Temp. Below 15°C (60°F)	SAE 10W30 SE
Drain Plug	14 x 1.50: 4.3 m-kg

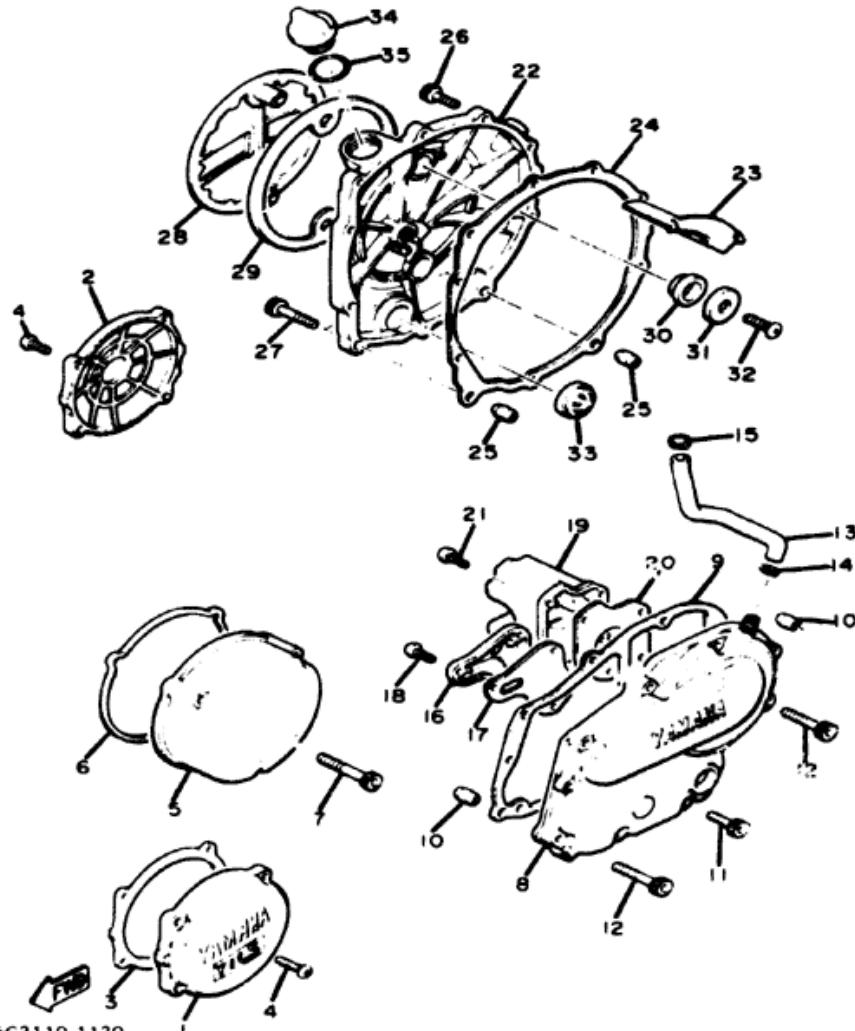
CRANKCASE



Ref. No.	Part Number	Description	Qty.	Remarks
23	95811-06080-00	BOLT, flange	3	
24	95811-06070-00	BOLT, flange	3	
25	95811-06060-00	BOLT, flange	6	
26	95811-06055-00	BOLT, flange	2	
27	95811-08045-00	BOLT, flange	7	
28	95811-06035-00	BOLT, flange	3	
29	[31A-15381-00-00]	PLATE, bearing cover	1	
30	31A-15383-00-00	PLATE, bearing cover (4H7-15383-00-00)	1	
31	90149-08152-00	SCREW	4	
32	4H7-15163-01-00	HOUSING, bearing 1	1	
33	90151-06014-00	SCREW, countersunk	3	
34	93210-62439-00	O-RING	1	
35	4H7-13454-00-00	NOZZLE	1	
36	93210-07540-00	O-RING (93210-07435)	1	
37	5G2-15164-00-00	HOUSING, bearing 2	1	
38	93210-07438-00	O-RING	1	
39	91311-06020-00	BOLT	3	
40	4H7-15365-00-00	GROMMET	1	
41	4H7-15189-00-00	PLUG	2	
42	93210-21276-00	O-RING	2	
43	90387-125A2-00	COLLAR	2	
44	4H7-15441-01-00	HOLDER, clutch cable	1	

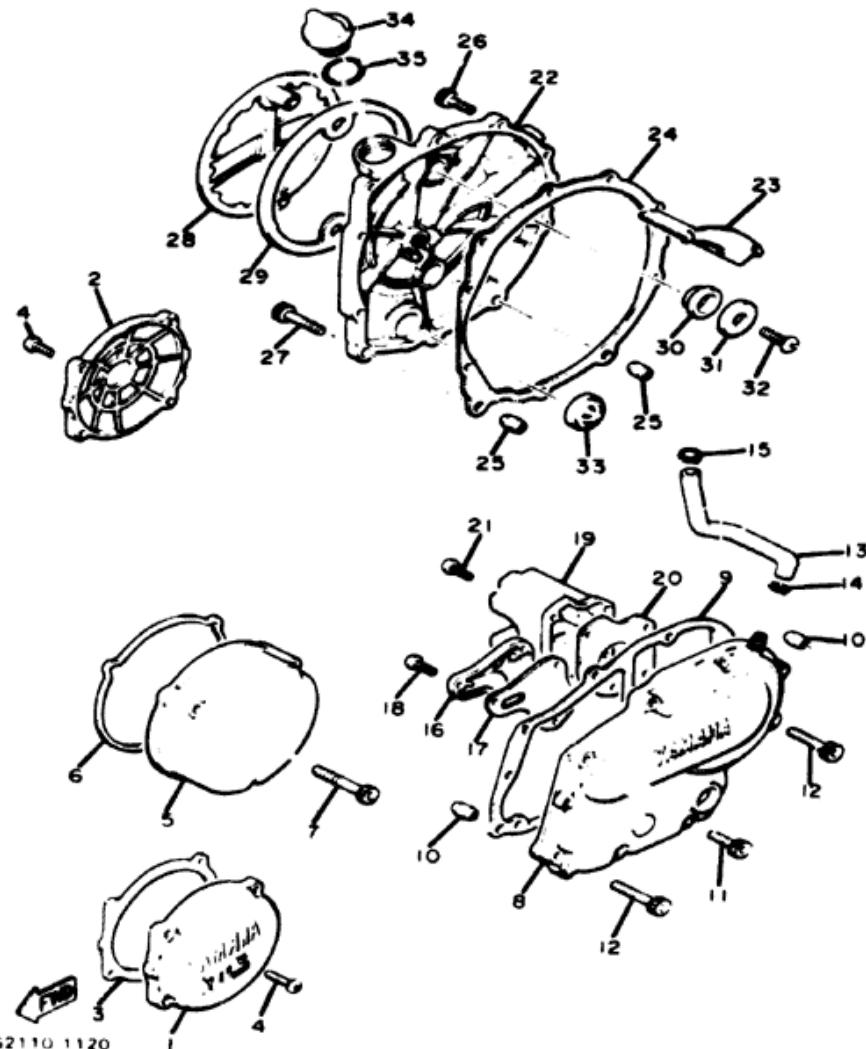
Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change	2500cc
Tubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40 SE
Temp. Below 15°C (60°F)	SAE 10W30 SE
Drain Plug	14 x 1.50: 4.3 m-kg

CRANKCASE COVER



Ref. No.	Part Number	Description	Qty.	Remarks
1	4US-15416-01-00	COVER, oil pump.....	1	
2	4US-15426-01-00	COVER, oil pump 2	1	
3	4H7-15456-00-00	GASKET, oil pump cover 1	1	
4	98980-06020-00	SCREW, bind (98901-06020) ..	8	
5	4H7-15415-00-00	COVER, generator.....	1	
6	4H7-15455-00-00	GASKET 1.....	1	
7	91311-06070-00	BOLT.....	3	
8	5G2-15409-00-00	CRANKCASE COVER ASS'Y....	1	
9	4H7-15451-00-00	GASKET, crankcase cover.....	1	
10	91830-21014-00	PIN, dowel	2	
11	91311-06025-00	BOLT	8	
12	91311-06040-00	BOLT	2	
13	5G2-11166-00-00	PIPE, breather 1	1	
14	90467-14015-00	CLIP.....	1	
15	90168-08104-00	CLIP.....	1	
16	4H7-15346-00-00	BREATHER 1.....	1	
17	4H7-15457-00-00	GASKET	1	
18	92503-06015-00	SCREW, pan head (92501-06015)	3	

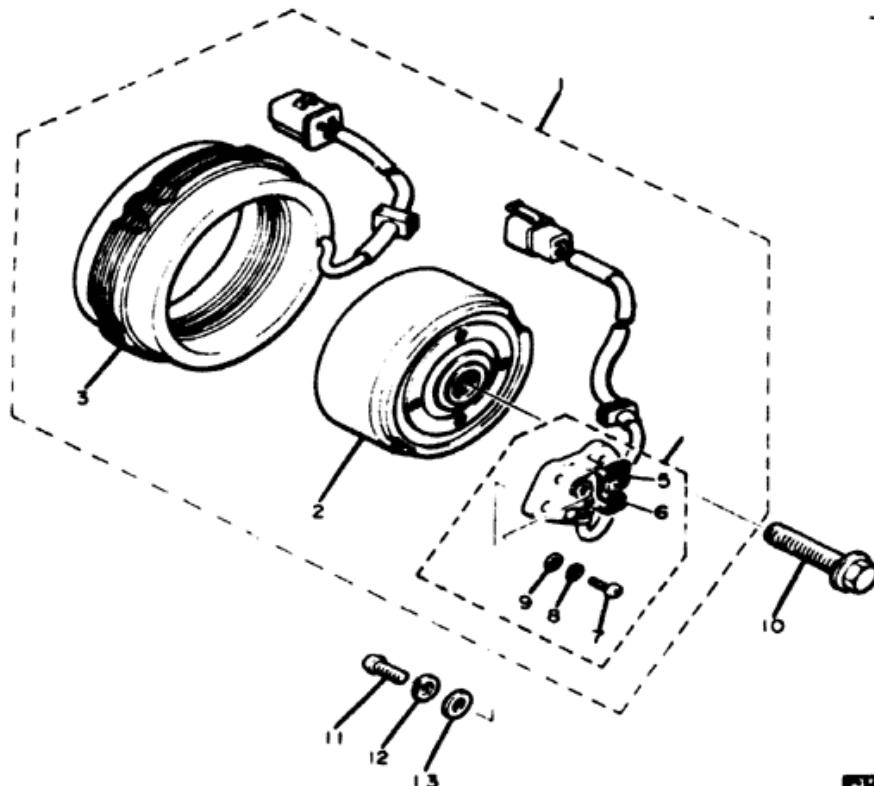
CRANKCASE COVER



Ref. No.	Part Number	Description	Qty.	Remarks
19	4H7-15347-00-00	BREATHER 2.....	1	
20	4H7-15467-00-00	GASKET	1	
21	92503-06015-00	SCREW, pan head (92501-06015)	4	
22	4H7-15421-02-00	COVER, crankcase 2	1	
23	4H7-15412-01-00	SCRAPER, oil.....	1	
24	4H7-15461-01-00	GASKET, crankcase cover 2	1	
25	91830-21014-00	PIN, dowel	2	
26	91311-06025-00	BOLT	8	
27	91311-06040-00	BOLT	2	
28	5G2-15417-00-00	COVER, cap	1	
29	4H7-15449-00-00	RING, rubber	1	
30	4H7-15486-00-00	GROMMET.....	2	
31	90209-06096-00	WASHER	2	
32	92503-06015-00	SCREW, pan head (92501-06015)	2	
33	2H7-15361-00-00	GAUGE, level	1	
34	2H7-15363-00-00	PLUG, oil	1	
*35	93210-27778-00	O-RING (93210-27370)	1	

*Indicates new part numbers activated from March, 1988.

A · C · GENERATOR



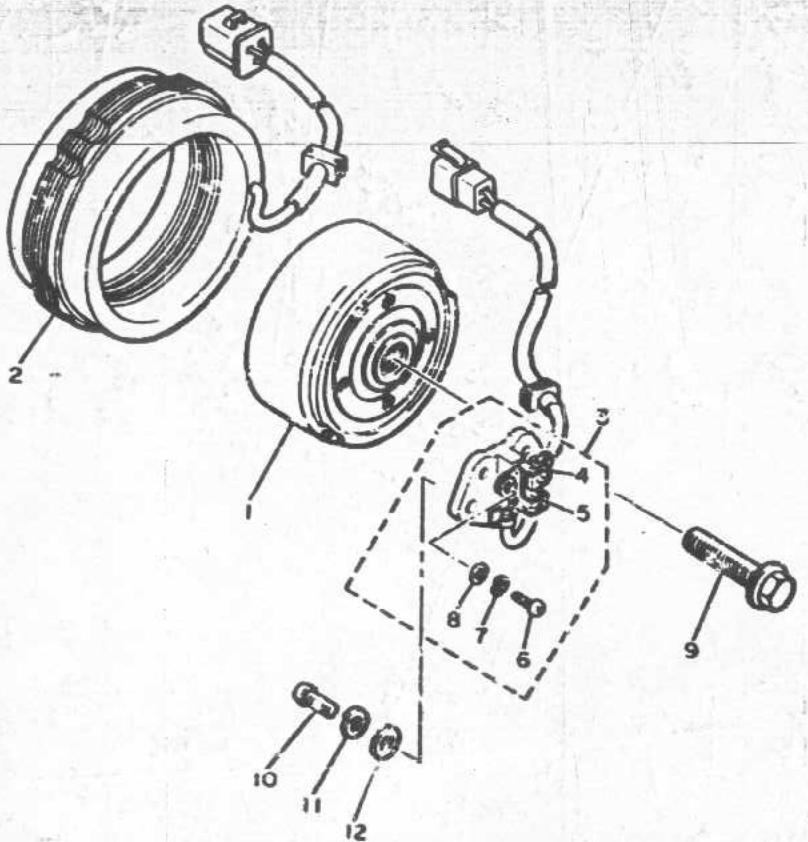
Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-81600-10-00	A.C. GENERATOR ASS'Y	1	
2	4H7-81650-10-00	. ROTOR ASS'Y	1	
3	4H7-81610-10-00	. STATOR ASS'Y.....	1	
4	4H7-81619-10-00	. BRUSH HOLDER ASS'Y	1	
5	46X-81611-10-00	.. BRUSH 1 (4H7-81611-10)...	1	
6	4G0-81612-10-00	.. BRUSH 2 (4H7-81612-10)...	1	
7	98511-04012-00	.. SCREW, pan head (98501-04012)	2	
8	92901-04100-00	.. WASHER, spring (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	V814L-A2 (12V 14AH) / 1.28 / 1.4A
Maximum Output	14V 19A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	Rotor: Gim~Bm/4.0Ω ± 10% Stator: Wh1~Wh1/0.46Ω ± 10%



4H7110-1130

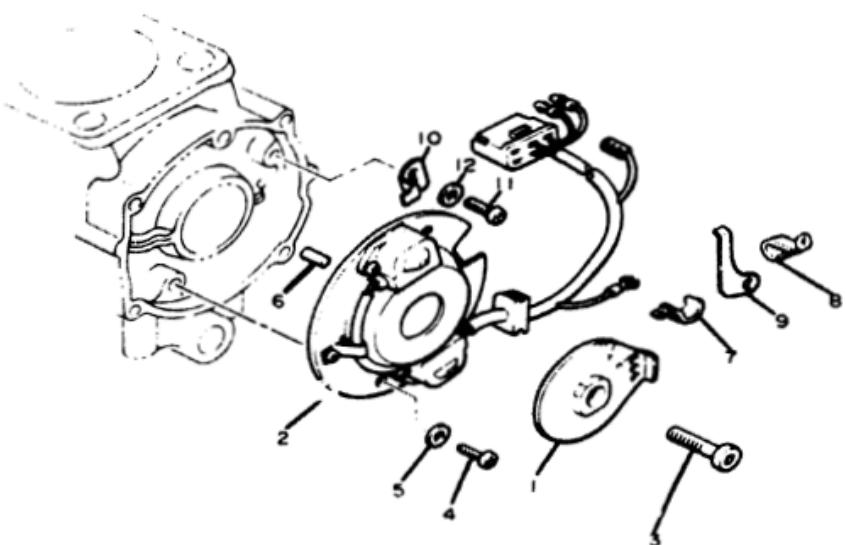
FIG. 37 GENERATOR



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	22N-81650-10	ROTOR ASSY	1	
2	22N-81610-10	STATOR ASSY	1	
3	22N-81619-10	BRUSH HOLDER ASSY	1	
4	46X-81611-10	•BRUSH 1	1	
5	46G-81612-10	•BRUSH 2	1	
6	98511-04012	•SCREW, Pan head	2	
7	92901-04100	•WASHER, Spring	2	
8	92901-04600	•WASHER, Plate	2	
9	90105-10152	BOLT, washer based	1	
10	92502-06016	SCREW, Pan head	2	
11	92902-06100	WASHER, Spring	2	
12	92990-06600	WASHER, Plate	2	

22N-81610-130

PICKUP COIL • GOVERNOR

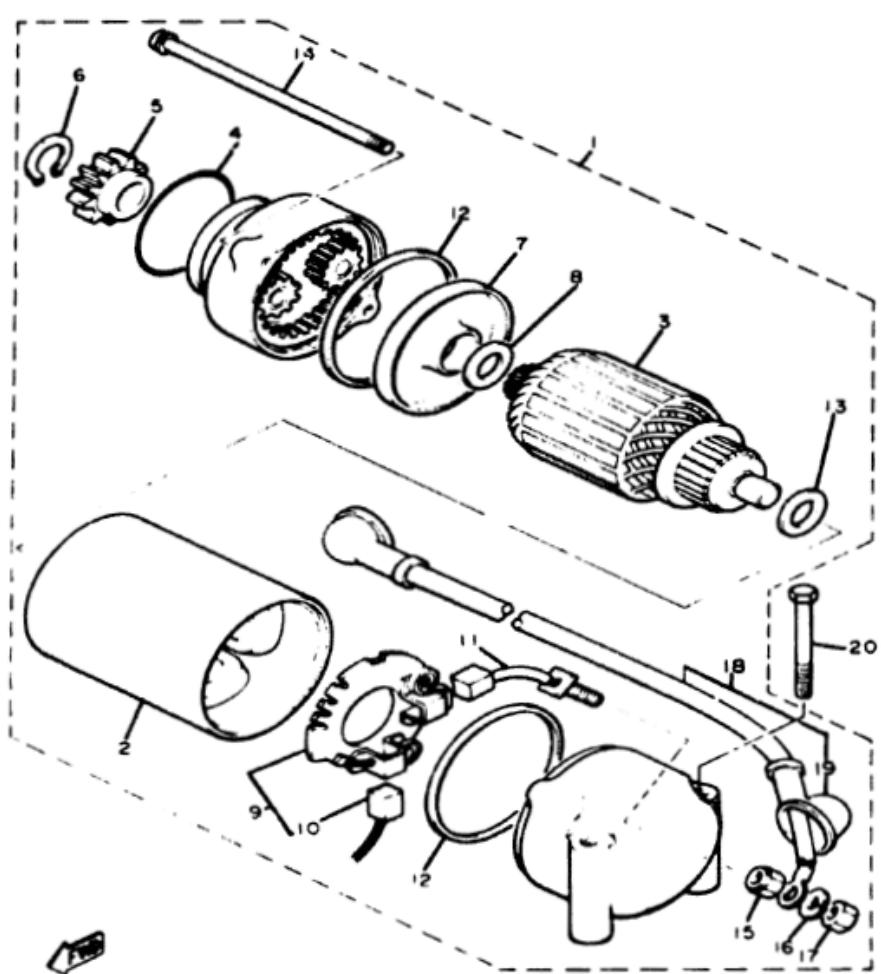


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-81673-10-00	ROTOR	1	
2	5G2-81671-10-00	BASE, pickup	1	
3	91316-08030-00	BOLT	1	
4	92580-08012-00	SCREW, pan head (92503-08012)	2	
5	92990-06200-00	WASHER, plain (92903-06200) .	2	
6	93604-08071-00	PIN, dowel	1	
7	90465-08277-00	CLAMP (90465-08122)	1	
8	90465-08156-00	CLAMP	1	
9	90465-12160-00	CLAMP	1	
10	4H7-81632-00-00	PLATE, timing	1	
11	92580-08012-00	SCREW, pan head (92503-08012)	1	
12	92990-06200-00	WASHER, plain (92903-06200) .	1	



5G2110-2140

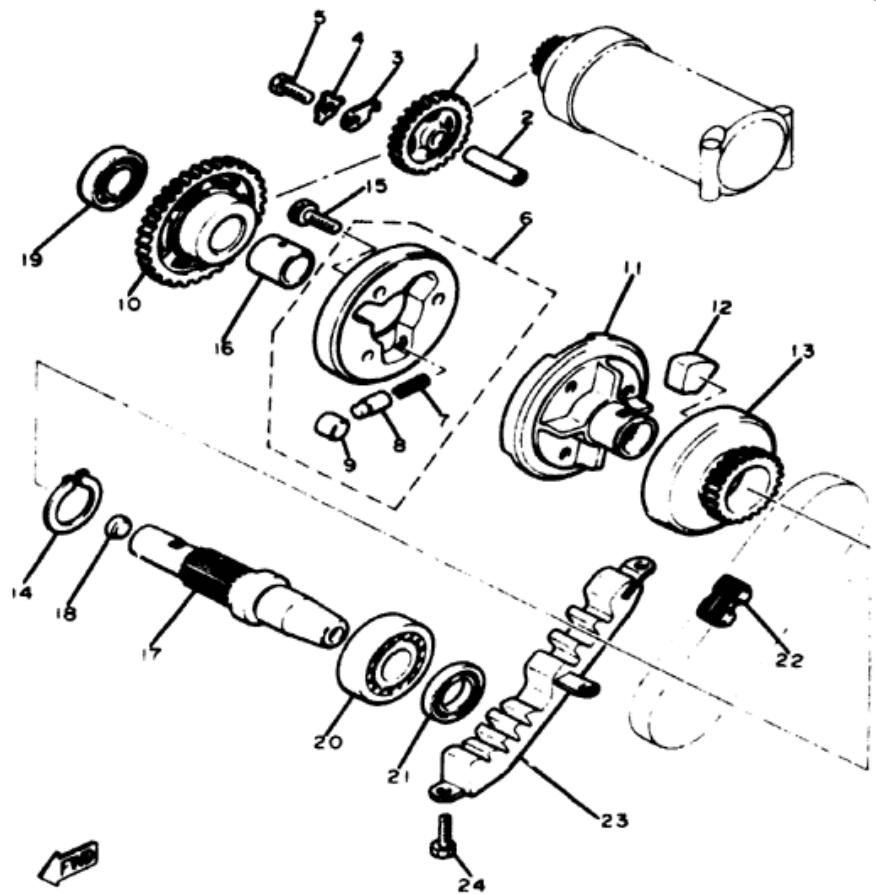
STARTING MOTOR



4H7110 1152

Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-81800-50-00	STARTING MOTOR ASS'Y	1	
2	4H7-81810-01-00	. STATOR ASS'Y.....	1	
3	4H7-81850-00-00	. ARMATURE ASS'Y	1	
4	4H7-81847-01-00	. O-RING	1	
5	4H7-15511-00-00	. GEAR, starting motor (13T) ...	1	
6	4H7-81819-00-00	. CIRCLIP.....	1	
7	4H7-81845-00-00	. PLATE	1	
8	4H7-81843-00-00	. WASHER 1	1	
9	4H7-81840-01-00	. BRUSH HOLDER ASS'Y.....	1	
10	4H7-81811-00-00	. . BRUSH 1	1	
11	4H7-81812-01-00	. BRUSH 2.....	1	
12	4H7-81844-00-00	. GASKET.....	2	
13	4H7-81824-00-00	. WASHER 2	1	
14	4H7-81826-01-00	. BOLT	2	
15	4H7-81872-00-00	. NUT, special.....	1	
16	92990-06100-00	. WASHER, spring (92903-06100)	1	
17	95303-06600-00	. NUT (95302-06600)	1	
18	4H7-81815-00-00	. WIRE, starter	1	
19	4H7-81871-00-00	. . CAP.....	1	
20	95801-06060-00	BOLT, flange.....	1	

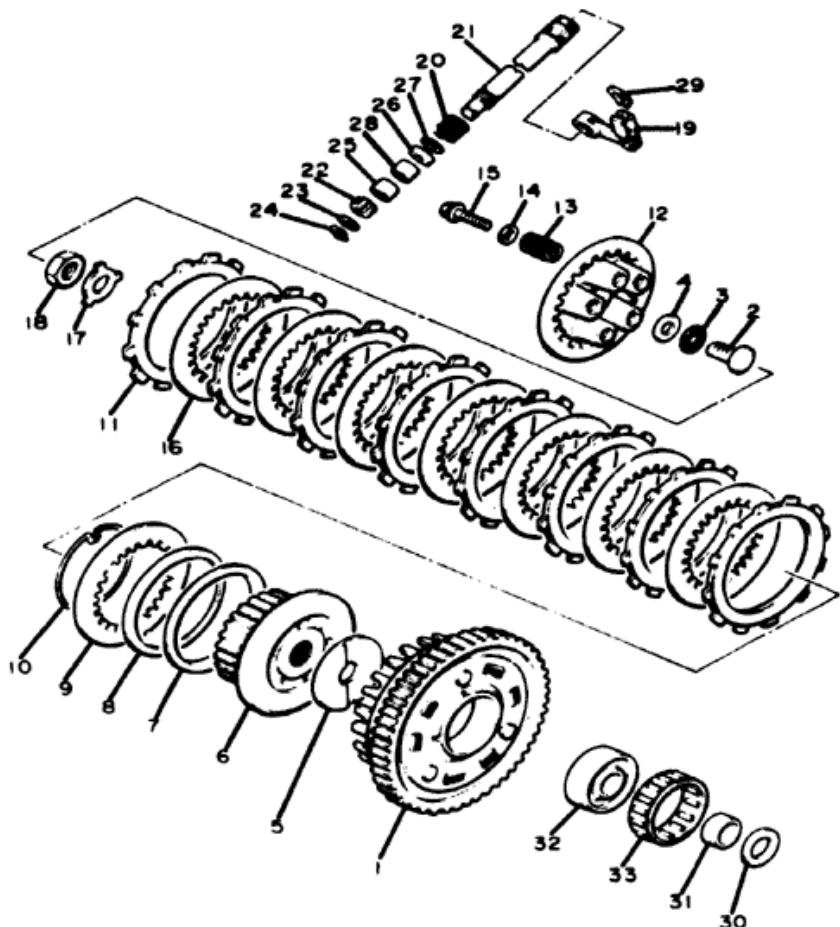
STARTER CLUTCH



Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-15512-00-00	GEAR, Idler 1 (27T)	1	
2	4H7-15521-00-00	SHAFT 1	1	
3	2H7-15531-00-00	PLATE, stopper	1	
4	90215-06040-00	WASHER, lock	1	
5	97313-06016-00	BOLT (97301-06016)	1	
6	4H7-15580-10-00	STARTER CLUTCH OUTER ASS'Y (4H7-15580-00)	1	
7	90501-04596-00	. SPRING, compression	3	
8	341-15583-05-00	. CAP, starter clutch spring . . .	3	
9	93615-12088-00	. PIN, dowel	3	
10	4H7-15517-00-00	GEAR, idler 2 (43T)	1	
11	4H7-15524-00-00	WHEEL, starter	1	
12	4H7-16155-01-00	ABSORBER 1 (4H7-16155-00) . .	8	
13	4H7-15519-00-00	SPROCKET, starter (21T)	1	
14	93410-32052-00	CIRCLIP	1	
15	91316-08014-00	BOLT	3	
16	90387-202A7-00	COLLAR	1	
17	4H7-15522-00-00	SHAFT 2	1	
18	90331-12028-00	PLUG	1	
19	93306-00401-00	BEARING (B6004)	1	
20	93306-20541-00	BEARING (B6205)	1	
21	93102-25218-00	OIL SEAL	1	
22	4H7-11456-00-00	CHAIN, primary	1	
23	4H7-11474-01-00	GUIDE, upper (4H7-11474-00) .	1	
24	97301-06014-00	BOLT	3	

4H7110 0160

CLUTCH

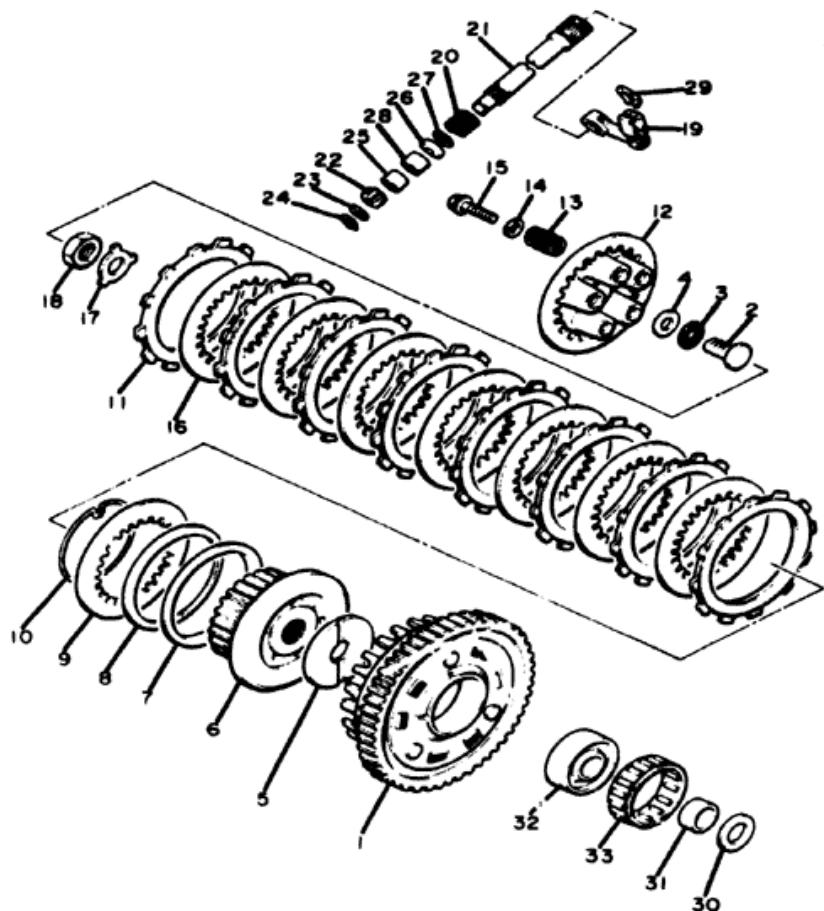


Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-16150-10-00	PRIMARY DRIVEN GEAR COMP (97T)	1	
2	4H7-16356-00-00	ROD, push 1	1	
3	93340-21505-00	BEARING	1	
4	90201-154E9-00	WASHER, plate (90201-151A7)	1	
5	4H7-16154-00-00	PLATE, thrust 1	1	
6	4H7-16371-01-00	BOSS, clutch	1	
7	1J7-16384-00-00	PLATE, seat	1	
8	5G2-16383-00-00	SPRING, clutch boss	1	
9	168-16324-00-00	PLATE, clutch 1	1	
10	1J7-16385-00-00	RING, clutch boss	1	
11	4H7-16321-00-00	PLATE, friction	8	
12	4H7-16351-00-00	PLATE, pressure 1	1	
13	90501-23391-00	SPRING, compression	5	
14	90201-061A5-00	WASHER, plate	5	
15	95811-06025-00	BOLT, flange (95821-06025)	5	
16	4H7-16325-00-00	PLATE, clutch 2	7	
17	90215-20231-00	WASHER, lock	1	

Clutch Nut	20 x 1.0: 7.0 m-kg
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.8mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm

C4

CLUTCH



Ref. No.	Part Number	Description	Qty.	Remarks
18	90170-20327-00	NUT (90170-20257)	1	
19	4H7-16340-00-00	PUSH LEVER ASS'Y	1	
20	90508-16459-00	SPRING, torsion	1	
21	4H7-16382-01-00	AXLE, push lever	1	
22	4H7-16398-00-00	PINION, release (16T)	1	
23	92901-08600-00	WASHER, plate	1	
24	99001-07600-00	CIRCLIP (93430-07012)	1	
25	93317-11020-00	BEARING, cylindrical	1	
26	93102-12224-00	OIL SEAL	1	
27	90201-12M34-00	WASHER 1 (102-18137-00-10)	1	
28	93315-11206-00	BEARING, cylindrical	1	
29	99001-09600-00	CIRCLIP (93430-09035)	1	
30	2K7-16154-00-00	PLATE, thrust 1	1	
31	90387-252A8-00	COLLAR	1	
32	4H7-16181-00-00	SPACER 1	1	
33	93310-365H3-00	BEARING, cylindrical	1	

Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.8mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm
Clutch Nut	20 x 1.0: 7.0 m-kg

5G2110-1170

FIG. 15 CLUTCH

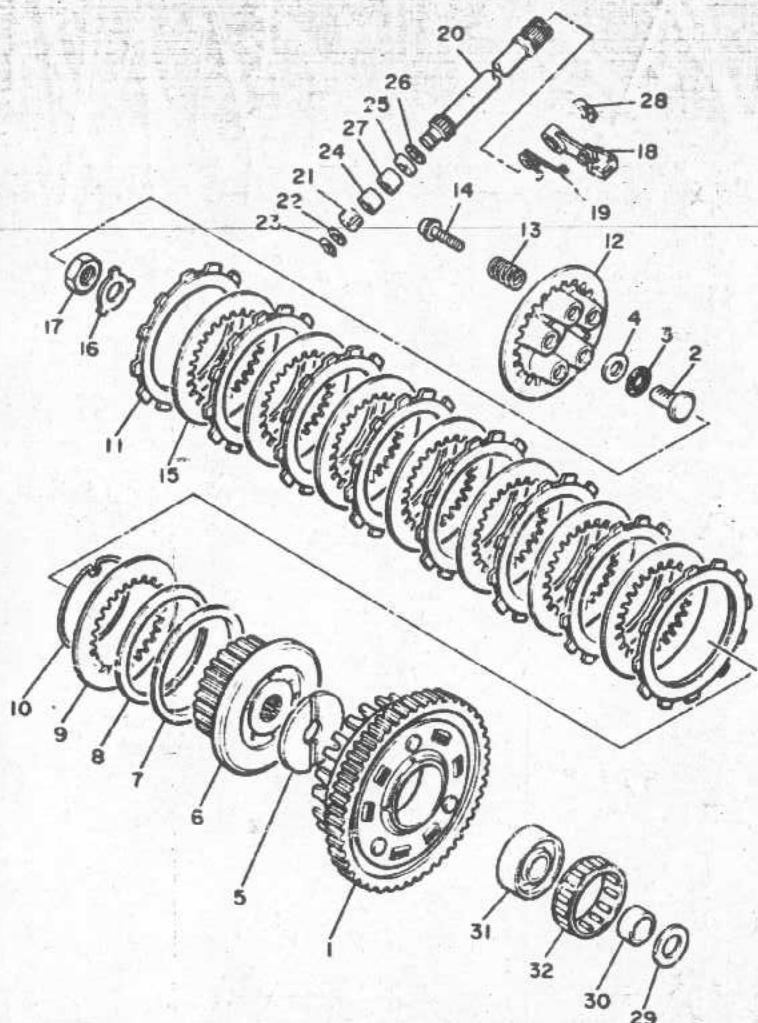
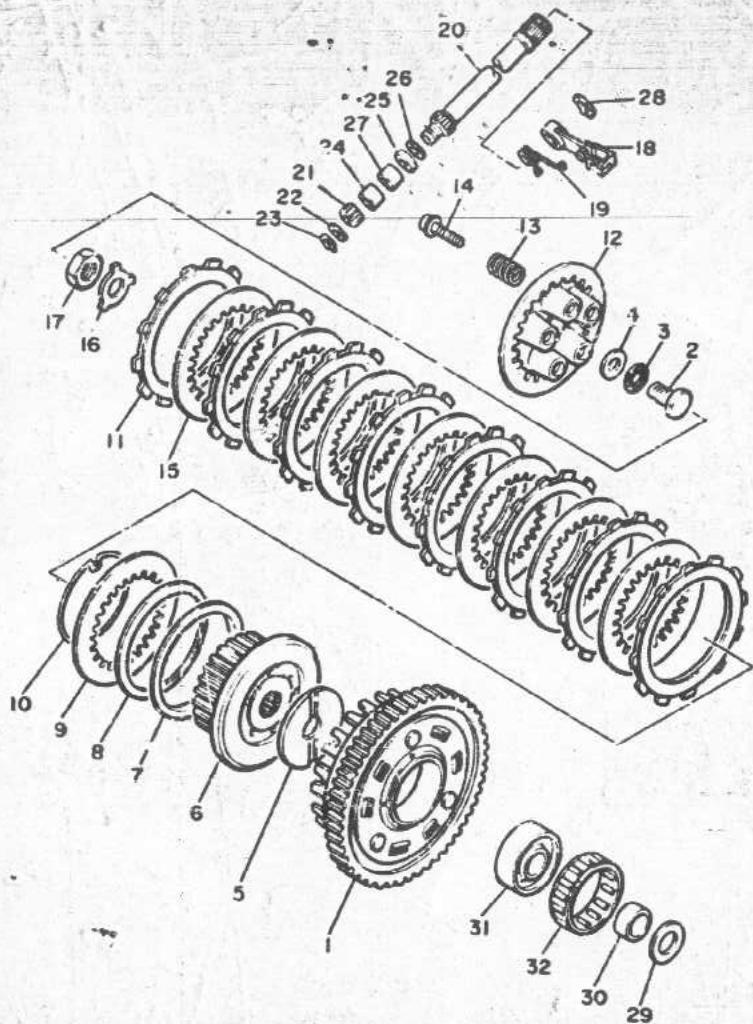


FIG. 19 CLUTCH

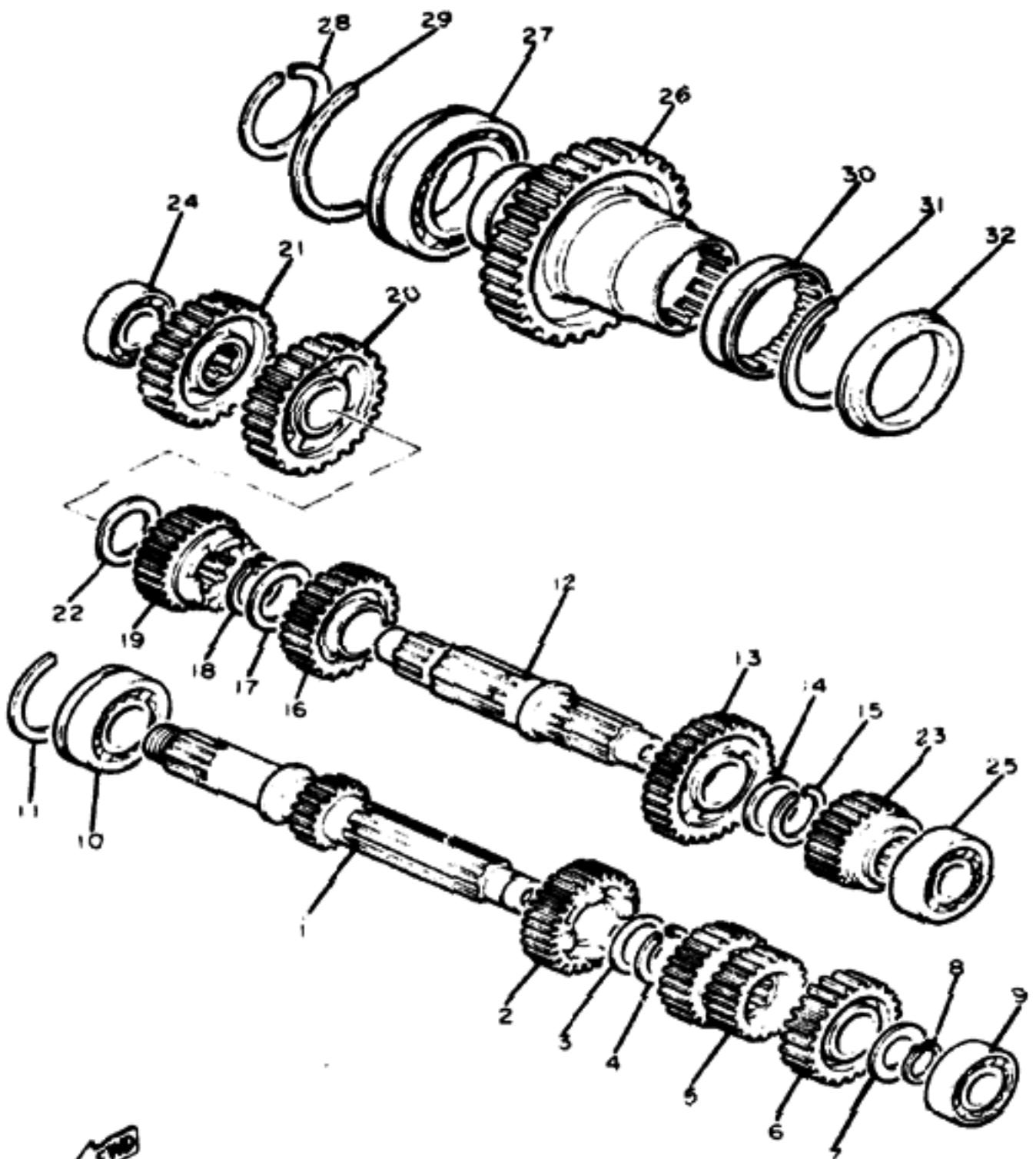


REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	2K7-16154-00	PLATE, thrust 1	1	
30	90387-252AB	COLLAR	1	
31	4H7-18181-00	SPACER 1	1	
32	93310-365H3	BEARING, cylindrical	1	

24L750-3150

C9

TRANSMISSION

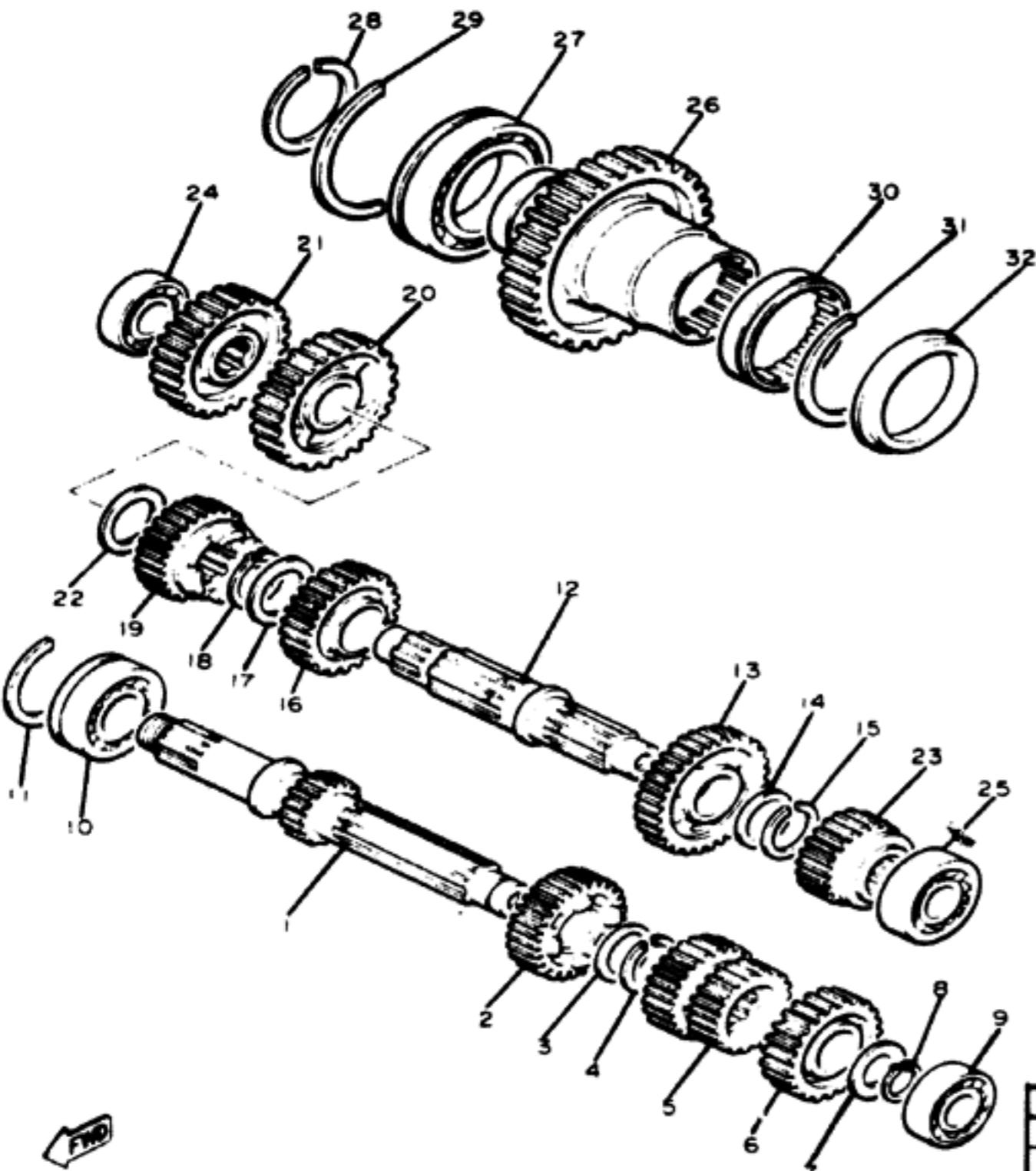


Ref. No.	Part Number	Description	Qty.	Remarks	
1	4H7-17401-00-00	MAIN AXLE ASS'Y (16T).....	1		AC GENERATOR B12
2	4H7-17141-00-00	GEAR, 4th pinion (30T)	1		AUXILLIARY LAMP F5
3	90209-22191-00	WASHER	1		CAMSHAFT - CHAIN A9
4	93440-25019-00	CIRCLIP (93440-25008).....	1		CARBURATOR B3,4,5
5	4H7-17121-00-00	GEAR, 2nd/3rd pinion (20/26T)	1		CLUTCH C4,5
6	4H7-17151-00-00	GEAR, 5th pinion (32T)	1		CRANKCASE B8,9
7	90201-20276-00	WASHER, plate	1		CRANKCASE COVER B10,11
8	93410-20009-00	CIRCLIP	1		CRANKSHAFT - PISTON A7,8
9	93308-20434-00	BEARING (B6204).....	1		CYLINDER A6
10	93308-30528-00	BEARING (B6305Z).....	1		CYLINDER HEAD A5
11	278-17424-00-00	CIRCLIP 1	2		DRIVESHAFT D6,7,8
12	4H7-17402-01-00	DRIVE AXLE ASS'Y	1		ELECTRICAL 1 F8,9,10
13	4H7-17221-01-00	GEAR, 2nd wheel (30T)	1		ELECTRICAL 2 F11
14	90209-22191-00	WASHER	1		EXHAUST B6,7
15	93440-25019-00	CIRCLIP (93440-25008).....	1		FLASHER LIGHT F1
16	4H7-17231-01-00	GEAR, 3rd wheel (30T).....	1		FOREWORD A1,2,3,4
					FRAME D1
					FRONT & REAR FENDERS D2
					FRONT BRAKE CALIPER E6
					FRONT FORK D9,10,11,12
					FRONT MASTER CYLINDER E10
					FRONT WHEEL E5
					FUEL TANK E3
					HANDLE SWITCH - LEVER F12
					HANDLEBAR - CABLE E9
					HEADLIGHT F4

TRANSMISSION - Oil Type / Qty Chg / Qty Reassemble	See ENGINE Above
Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / Ø
Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change	2500cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40 SE
Temp. Below 15°C (60°F)	SAE 10W30 SE

AC GENERATOR	B12
AUXILLIARY LAMP	F5
CAMSHAFT - CHAIN	A9
CARBURATOR	B3,4,5
CLUTCH	C4,5
CRANKCASE	B8,9
CRANKCASE COVER	B10,11
CRANKSHAFT - PISTON	A7,8
CYLINDER	A6
CYLINDER HEAD	A5
DRIVESHAFT	D6,7,8
ELECTRICAL 1	F8,9,10
ELECTRICAL 2	F11
EXHAUST	B6,7
FLASHER LIGHT	F1
FOREWORD	A1,2,3,4
FRAME	D1
FRONT & REAR FENDERS	D2
FRONT BRAKE CALIPER	E6
FRONT FORK	D9,10,11,12
FRONT MASTER CYLINDER	E10
FRONT WHEEL	E5
FUEL TANK	E3
HANDLE SWITCH - LEVER	F12
HANDLEBAR - CABLE	E9
HEADLIGHT	F4
INTAKE	B2
METER	F2,3
MIDDLE DRIVE GEAR	C8,9
OIL CLEANER	B1
OIL PUMP	A12
PICKUP COIL - GOVERNOR	C1
REAR ARM SUSPENSION	D5
REAR WHEEL	E7,8
SEAT	E4
SERVICE DATA	J1
SHIFT CAM - FORK	C10
SHIFT SHAFT - PEDAL	C11
SIDE COVER	D3,4
STAND - FOOTREST	E11,12
STARTER CLUTCH	C3
STARTING MOTOR	C2
STEERING	E1,2
TAILLIGHT TAILCOVER TOO	F6,7
TECHNICAL BULLETIN	K1 - 8
TOP END GASKET KIT	G1
TRANSMISSION	C6,7
VALVE	A10,11

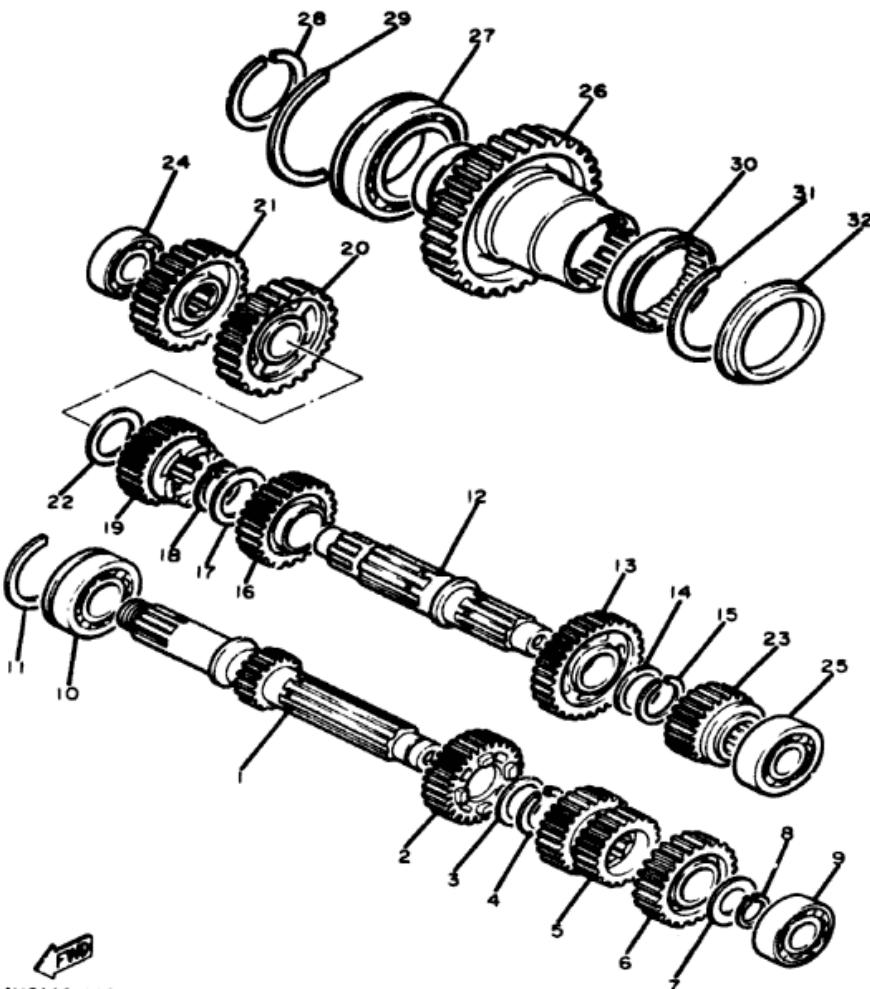
TRANSMISSION



Ref. No.	Part Number	Description	Qty.	Remarks
17	90209-25196-00	WASHER	1	
18	93440-28062-00	CIRCLIP	1	
19	4H7-17241-00-00	GEAR, 4th wheel (28T).....	1	
20	4H7-17211-01-00	GEAR, 1st wheel (35T).....	1	
21	4L6-17582-00-00	GEAR, middle drive (37T).....	1	
22	90201-243A2-00	WASHER, plate	1	
23	4H7-17251-01-00	GEAR, 5th wheel (26T).....	1	
24	93306-30311-00	BEARING	1	
25	93306-30425-00	BEARING (83A581A)	1	
26	4H7-17583-00-00	GEAR, middle driven (49T)	1	
27	93306-91101-00	BEARING (B6911).....	1	
28	93410-55057-00	CIRCLIP	1	
29	93440-80082-00	CIRCLIP	1	
30	93311-36042-00	BEARING, cylindrical	1	
31	93440-72049-00	CIRCLIP	1	
32	93104-60066-00	OIL SEAL	1	
AC GENERATOR B12				
AUXILLIARY LAMP F5				
CAMSHAFT - CHAIN A9				
CARBURATOR B3,4,5				
CLUTCH C4,5				
CRANKCASE B8,9				
CRANKCASE COVER B10,11				
CRANKSHAFT - PISTON A7,8				
CYLINDER A6				
CYLINDER HEAD A5				
DRIVESHAFT D6,7,8				
ELECTRICAL 1 F8,9,10				
ELECTRICAL 2 F11				
EXHAUST B6,7				
FLASHER LIGHT F1				
FOREWORD A1,2,3,4				
FRAME D1				
FRONT & REAR FENDERS D2				
FRONT BRAKE CALIPER E6				
FRONT FORK D9,10,11,12				
FRONT MASTER CYLINDER E10				
FRONT WHEEL E5				
FUEL TANK E3				
HANDLE SWITCH - LEVER F12				
HANDLEBAR - CABLE E9				
HEADLIGHT F4				
INTAKE B2				
METER F2,3				
MIDDLE DRIVE GEAR C8,9				
OIL CLEANER B1				
OIL PUMP A12				
PICKUP COIL - GOVERNOR C1				
REAR ARM SUSPENSION D5				
REAR WHEEL E7,8				
SEAT E4				
SERVICE DATA J1				
SHIFT CAM - FORK C10				
SHIFT SHAFT - PEDAL C11				
SIDE COVER D3,4				
STAND - FOOTREST E11,12				
STARTER CLUTCH C3				
STARTING MOTOR C2				
STEERING E1,2				
TAILLIGHT TAILCOVER TOO F6,7				
TECHNICAL BULLETIN K1 - 8				
TOP END GASKET KIT G1				
TRANSMISSION C6,7				
VALVE A10,11				

TRANSMISSION - Off Type: Qty Chg/Qty Reassemble	See ENGINE Above
Primary Drive Type / Teeth / Ratio	Spur Gears 97-58 1-672
Secondary Drive Type / Teeth / Chain	Shaft Drive 49-36 x 19-18 x 32-11 ⓧ
Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change	2500cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40 SE
Temp. Below 15°C (60°F)	SAE 10W30 SE

TRANSMISSION



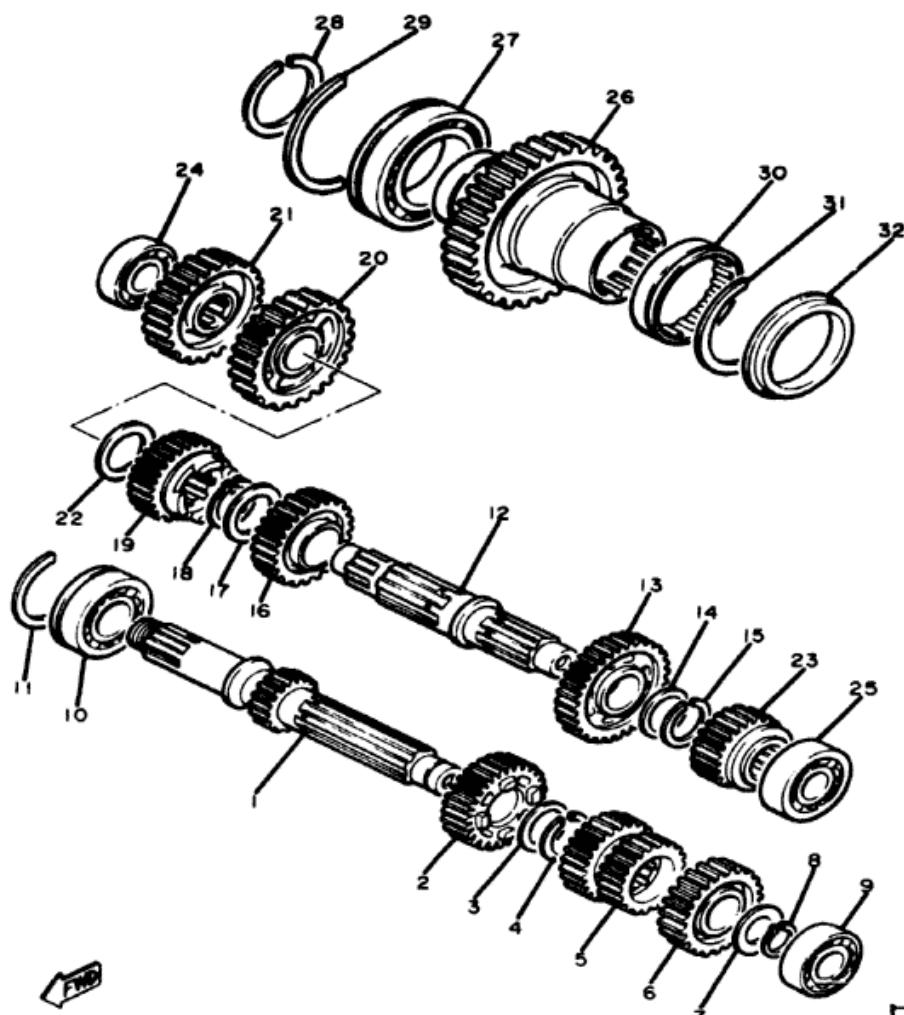
Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-17401-00-00	MAIN AXLE ASS'Y (16T)	1	
2	4H7-17141-00-00	GEAR, 4th pinion (30T)	1	
3	90209-22191-00	WASHER	1	
4	93440-25084-00	CIRCLIP (93440-25019)	1	
5	4H7-17121-00-00	GEAR, 2nd/3rd pinion (20/26T)	1	
6	4H7-17151-00-00	GEAR, 5th pinion (32T)	1	
7	90201-20276-00	WASHER, plate	1	
8	99009-20400-00	CIRCLIP (93410-20009)	1	
9	93306-20458-00	BEARING (B6204) (93306-20434)	1	
10	93306-30528-00	BEARING (B6305Z)	1	
11	278-17424-01-00	CIRCLIP 1 (278-17424-00)	2	
12	4H7-17402-01-00	DRIVE AXLE ASS'Y	1	
13	4H7-17221-01-00	GEAR, 2nd wheel (30T)	1	
14	90209-22191-00	WASHER	1	
15	93440-25084-00	CIRCLIP (93440-25019)	1	
16	4H7-17231-01-00	GEAR, 3rd, wheel (30T)	1	
17	90209-25196-00	WASHER	1	

4H7110-1180

Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / 9
Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change	2500cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40 SE
Temp. Below 15°C (60°F)	SAE 10W30 SE

C6

TRANSMISSION

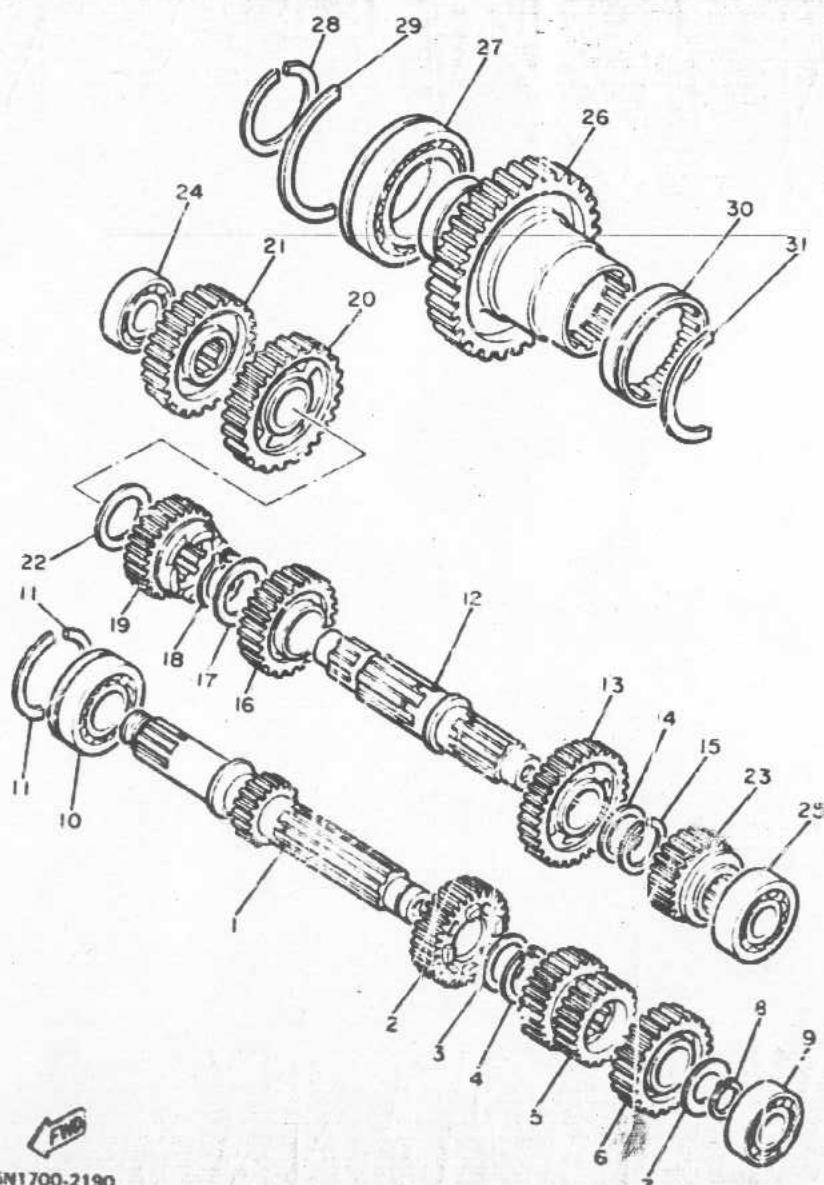


Ref. No.	Part Number	Description	Qty.	Remarks
18	93440-28062-00	CIRCLIP	1	
19	4H7-17241-00-00	GEAR, 4th wheel (28T).....	1	
20	4H7-17211-01-00	GEAR, 1st wheel (35T).....	1	
21	4L6-17582-00-00	GEAR, middle drive (37T).....	1	
22	90201-243A2-00	WASHER, plate	1	
23	16G-17251-00-00	GEAR, 5th wheel (26T).....	1	
24	93306-30311-00	BEARING	1	
25	93306-30425-0U	BEARING (83A581A)	1	
26	4H7-17583-00-00	GEAR, middle driven (49T)	1	
27	93306-91101-00	BEARING (B6911).....	1	
28	93410-55057-00	CIRCLIP	1	
29	93440-80082-00	CIRCLIP	1	
30	93311-36042-00	BEARING, cylindrical	1	
31	93440-72049-00	CIRCLIP	1	
32	93104-60066-00	OIL SEAL	1	

Oiling System	Wet Sump
Capacity: Dry	3500cc
Oil and Filter Change	2800cc
Oil Change	2500cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4" or SAE 20W40 SE
Temp. Below 15°C (60°F)	SAE 10W30 SE
Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / Ø

4H7110-1180

FIG. 16 TRANSMISSION

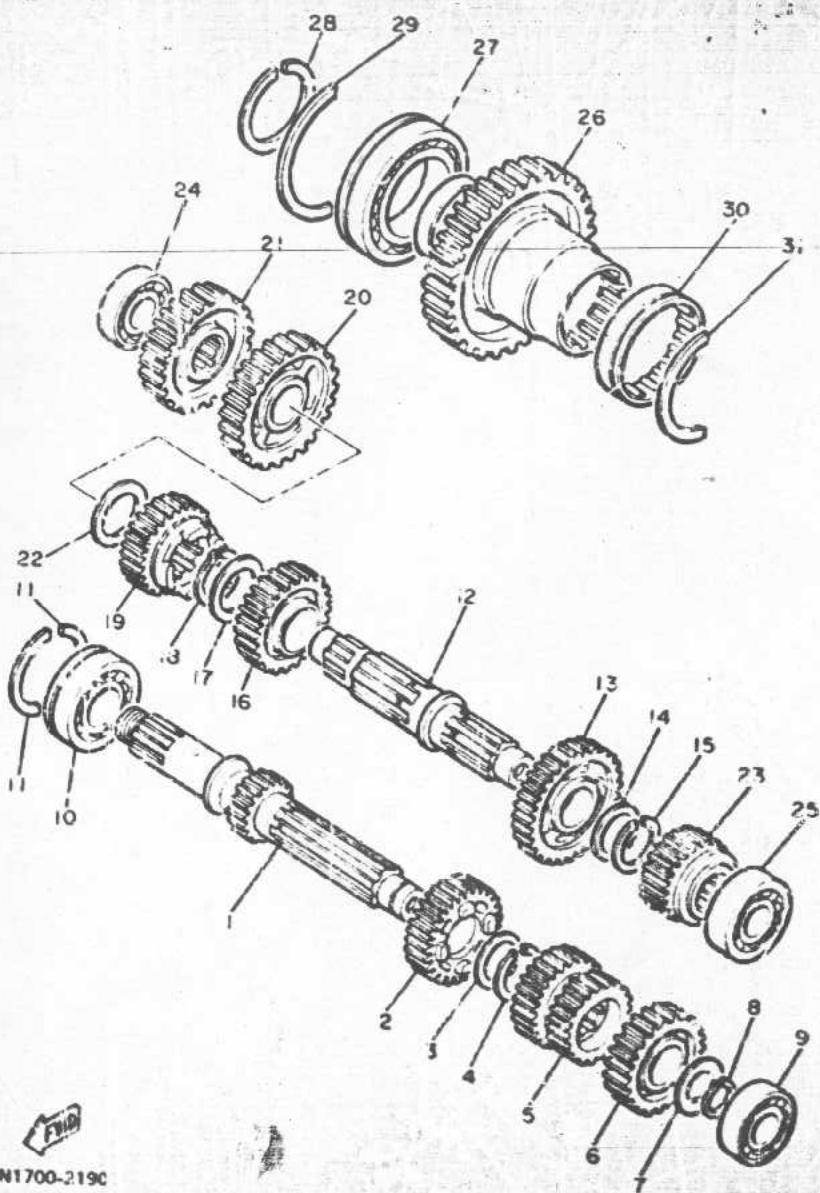


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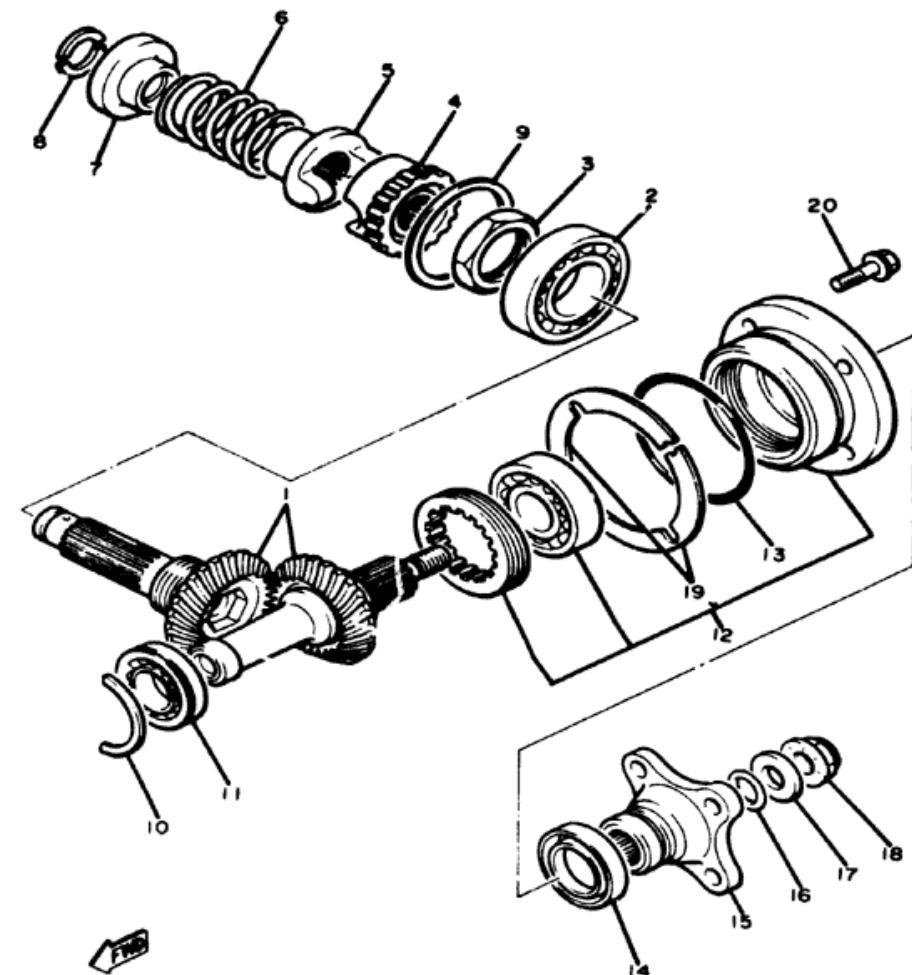
REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	4H7-17401-00	MAIN AXLE ASSY (16T)	1	
2	4H7-17141-00	GEAR, 4th Pinion (30T)	1	
3	90209-22191	WASHER	1	
4	93440-25019	CIRCLIP	1	
5	4H7-17121-00	GEAR, 2nd/3rd Pinion (20/26T)	1	
6	4H7-17151-00	GEAR, 5th Pinion (32T)	1	
7	90201-20276	WASHER, Plate (1.0T)	1	
8	99009-20400	CIRCLIP	1	
9	93306-20418	BEARING (B6204CS)	1	
10	93306-30528	BEARING (B6305Z)	1	UR
	93306-30528	BEARING (B6305Z)	1	UR
11	278-17424-01	CIRCLIP 1	2	
12	4H7-17402-01	DRIVE AXLE ASSY	1	
13	4H7-17221-01	GEAR, 2nd wheel (30T)	1	
14	90209-22191	WASHER	1	
15	93440-25019	CIRCLIP	1	
16	4H7-17231-01	GEAR, 3rd wheel (30T)	1	
17	90209-25153	WASHER	1	
18	93440-26062	CIRCLIP	1	
19	4H7-17241-00	GEAR, 4th wheel (28T)	1	
20	4H7-17211-01	GEAR, 1st wheel (35T)	1	
21	4H7-17582-00	GEAR, middle drive (36T)	1	
22	90201-243A2	WASHER, Plate	1	
23	16G-17251-00	GEAR, 5th wheel (26T)	1	
24	93208-30311	BEARING	1	
25	93306-30425	BEARING (B6A581A)	1	
26	4H7-17583-00	GEAR, middle driven (49T)	1	
27	93306-91101	BEARING (B6911)	1	

FIG. 16 TRANSMISSION



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
28	93410-55057	CIRCLIP	1	
29	93440-80082	CIRCLIP	1	
30	93311-36042	BEARING, cylindrica'	1	
31	93440-72049	CIRCLIP	1	

MIDDLE DRIVE GEAR

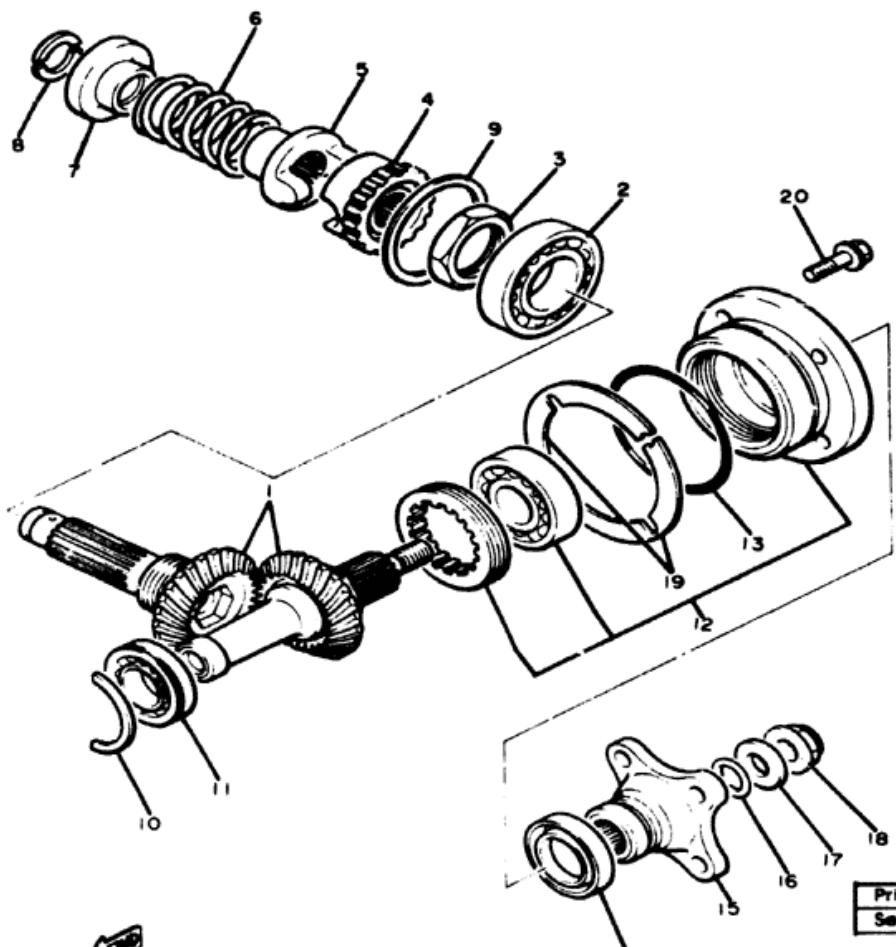


4H7110-1190

Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-W1751-00-00	MIDDLE GEAR SET	1	
2	93306-20709-00	BEARING (B6207)	1	
3	90179-34304-00	NUT	1	
4	4H7-17526-02-00	CAM, drive	1	
5	4H7-17527-00-00	CAM, driven	1	
6	90501-65575-00	SPRING, compression	1	
7	4H7-17524-00-00	HOLDER	1	
8	3H5-17529-00-00	WASHER, thrust	2	
9	4H7-17537-00-20	SHIM, thrust (0.15T) (4H7-17537-00-15)	1	U.R.
	4H7-17537-00-20	SHIM, thrust (0.20T)	1	U.R.
	4H7-17537-00-30	SHIM, thrust (0.30T)	1	U.R.
	4H7-17537-00-40	SHIM, thrust (0.40T)	1	U.R.
	4H7-17537-00-40	SHIM, thrust (0.50T) (4H7-17537-00-50)	1	
10	93440-47081-00	CIRCLIP	1	
11	93306-00508-00	BEARING (B6005)	1	
12	4H7-W1752-00-00	HOUSING COMP	1	
13	93210-71360-00	O.R.NG	1	
14	93101-35097-00	OIL SEAL	1	
15	4H7-17555-00-00	FLANGE, middle gear	1	

Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / 2

MIDDLE DRIVE GEAR

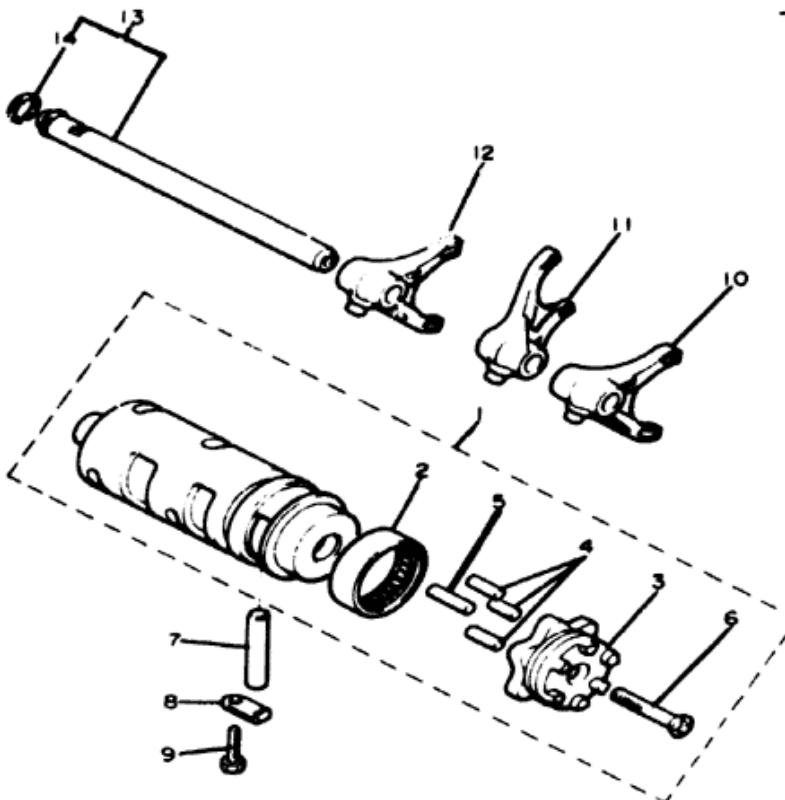


Ref. No.	Part Number	Description	Qty.	Remarks
16	93210-14359-00	O-RING	1	
17	90201-14633-00	WASHER, plate	1	
18	90179-14317-00	NUT	1	
19	4H7-17531-00-10	SHIM, pinion (0.10T)	1	U.R.
	4H7-17531-00-15	SHIM, pinion (0.15T)	1	U.R.
	4H7-17531-00-20	SHIM, pinion (0.20T)	1	U.R.
	4H7-17531-00-30	SHIM, pinion (0.30T)	1	U.R.
	4H7-17531-00-40	SHIM, pinion (0.40T)	1	U.R.
	4H7-17531-00-40	SHIM, pinion (0.50T) (4H7-17531-00-50)	1	U.R.
20	95811-08030-00	BOLT, flange (95821-08030) . . .	4	

Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / @

4H7110 1190

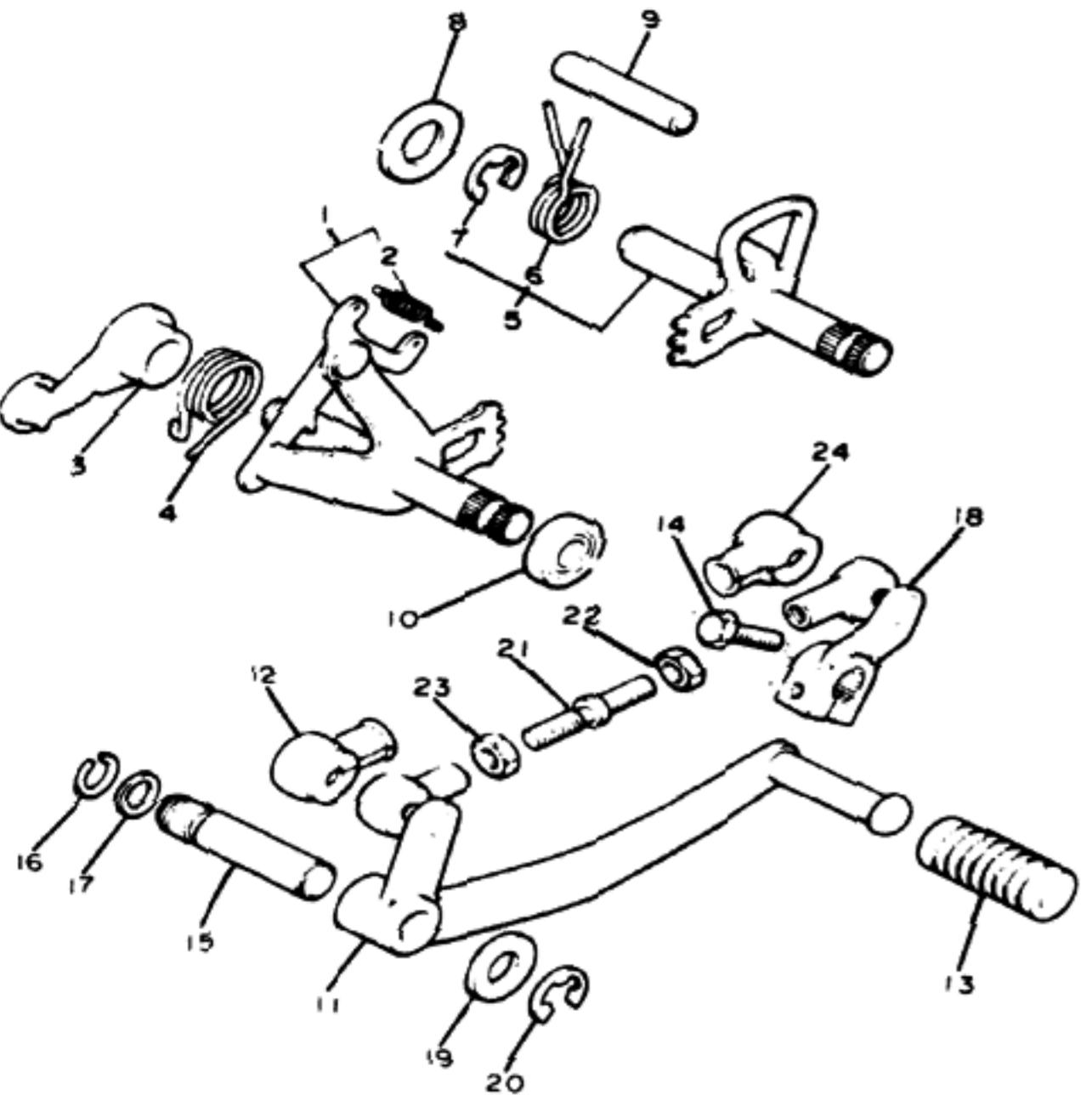
SHIFT CAM - FORK



Ref. No.	Part Number	Description	Qty.	Remarks
1	4H7-18540-00-00	SHIFT CAM ASS'Y.....	1	
2	93315-23612-00	. BEARING, cylindrical.....	1	
3	4H7-18185-00-00	. SEGMENT.....	1	
4	93604-16092-00	. PIN, dowel	3	
5	93604-20156-00	. PIN, dowel	1	
6	98701-05035-00	. SCREW, flat head	1	
7	93608-43157-00	PIN, dowel	1	
8	2H7-15531-00-00	PLATE, stopper	1	
9	97313-06016-00	BOLT (97301-06016)	1	
10	4H7-18511-01-00	FORK, shift 1.....	1	
11	4H7-18512-01-00	FORK, shift 2.....	1	
12	4H7-18513-01-00	FORK, shift 3.....	1	
13	4H7-18531-00-00	BAR, shift fork guide 1.....	1	
14	93440-11029-00	. CIRCLIP.....	1	

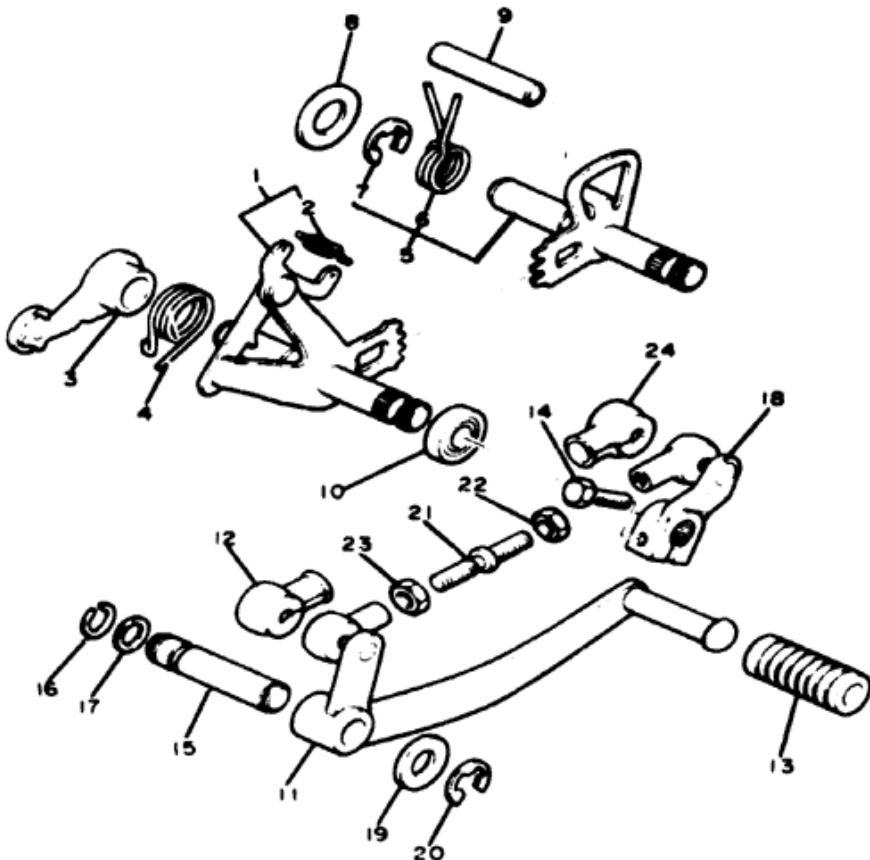
4H7110-1210

SHIFT SHAFT - PEDAL



Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-18101-00-00	SHIFT SHAFT ASS'Y	1	
2	90506-08227-00	. SPRING, tension	1	
3	4H7-18140-00-00	STOPPER LEVER ASS'Y	1	
4	90508-29530-00	SPRING, torsion (90508-29448)	1	
5	4K0-18120-00-00	SHIFT LEVER ASS'Y	1	
6	99999-01179-00	. SPRING, torsion (90508-32449)	1	
	90508-32535-00	SPRING, torsion	1	
	90387-124F4-00	COLLAR	1	
7	93430-10016-00	. CIRCLIP	1	
8	90201-12588-00	WASHER, plate	1	
9	93608-50158-00	PIN, dowel	1	
10	93102-12106-00	OIL SEAL	1	
11	5G2-18111-00-00	PEDAL, shift	1	
12	2H9-18154-00-00	COVER, dust	1	
13	132-18113-01-00	COVER, shift pedal	1	
14	97321-06020-00	BOLT	1	
15	4K0-18197-00-00	SHAFT	1	
16	93440-12066-00	CIRCLIP	1	
17	93210-09350-00	O-RING	1	
18	2H9-W1812-00-00	ARM, shift pedal	1	
19	90201-12688-00	WASHER, plate	1	
20	93430-10016-00	CIRCLIP	1	
21	4K0-18115-00-00	ROD, shift	1	
22	95303-06700-00	NUT	1	
23	90170-06228-00	NUT	1	
24	2H9-18154-00-00	COVER, dust	1	
		AC GENERATOR		B12
		AUXILLIARY LAMP		F5
		CAMSHAFT - CHAIN		A9
		CARBURATOR		B3,4,5
		CLUTCH		C4,5
		CRANKCASE		B8,9
		CRANKCASE COVER		B10,11
		CRANKSHAFT - PISTON		A7,8
		CYLINDER		A6
		CYLINDER HEAD		A5
		DRIVESHAFT		D6,7,8
		ELECTRICAL 1		F8,9,10
		ELECTRICAL 2		F11
		EXHAUST		B6,7
		FLASHER LIGHT		F1
		FOREWORD		A1,2,3,4
		FRAME		D1
		FRONT & REAR FENDERS		D2
		FRONT BRAKE CALIPER		E6
		FRONT FORK		D9,10,11,12
		FRONT MASTER CYLINDER		E10
		FRONT WHEEL		E5
		FUEL TANK		E3
		HANDLE SWITCH - LEVER		F12
		HANDLEBAR - CABLE		E9
		HEADLIGHT		F4
		INTAKE		B2
		METER		F2,3
		MIDDLE DRIVE GEAR		C8,9
		OIL CLEANER		B1
		OIL PUMP		A12
		PICKUP COIL - GOVERNOR		C1
		REAR ARM SUSPENSION		D5
		REAR WHEEL		E7,8
		SEAT		E4
		SERVICE DATA		J1
		SHIFT CAM - FORK		C10
		SHIFT SHAFT - PEDAL		C11
		SIDE COVER		D3,4
		STAND - FOOTREST		E11,12
		STARTER CLUTCH		C3
		STARTING MOTOR		C2
		STEERING		E1,2
		TAILLIGHT TAILCOVER TOO		F6,7
		TECHNICAL BULLETIN		K1 - 8
		TOP END GASKET KIT		G1
		TRANSMISSION		C6,7
		VALVE		A10,11

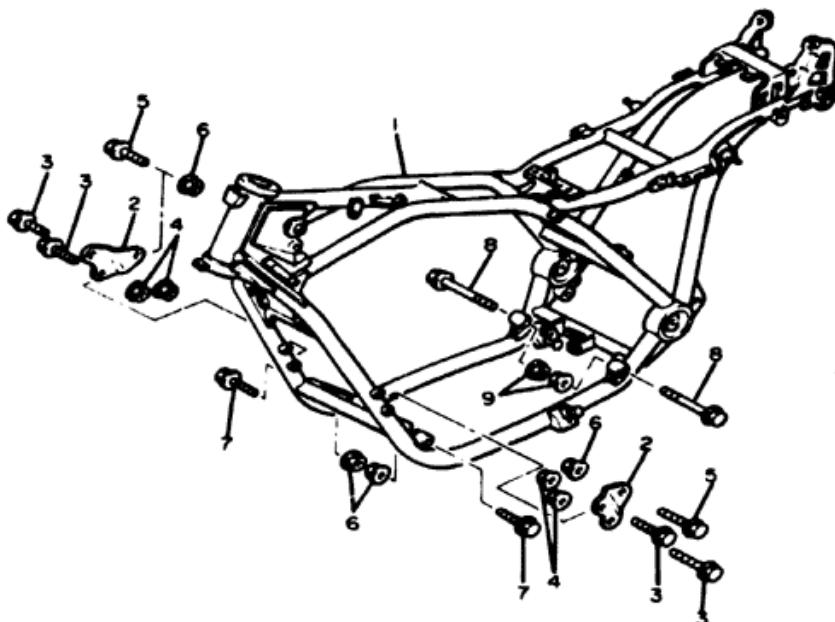
SHIFT SHAFT • PEDAL



Ref. No.	Part Number	Description	Qty.	Remarks
1	4K0-18101-00-00	SHIFT SHAFT ASS'Y	1	
2	90508-08227-00	. SPRING, tension	1	
3	4H7-18140-00-00	STOPPER LEVER ASS'Y	1	
4	90508-29530-00	SPRING, torsion	1	
5	4K0-18120-00-00	SHIFT LEVER ASS'Y.....	1	
6	99999-01179-00	. SPRING, torsion.....	1	
	90508-32535-00	. SPRING, torsion.....	1	
	90387-124F4-00	. COLLAR.....	1	
7	99001-10600-00	. CIRCLIP (93430-10016)	1	
8	90201-12588-00	WASHER, plate	1	
9	93608-50158-00	PIN, dowel	1	
10	93102-12106-00	OIL SEAL	1	
11	5G2-18111-00-00	PEDAL, shift.....	1	
12	2H9-18154-00-00	COVER, dust	1	
13	132-18113-01-00	COVER, shift pedal	1	
14	97011-06020-00	BOLT (97321-06020)	1	
15	4K0-18197-00-00	SHAFT	1	
16	93440-12066-00	CIRCLIP	1	
17	93210-09350-00	O-RING.....	1	
18	2H9-W1812-00-00	ARM, shift pedal	1	
19	90201-124E4-00	WASHER, plate (90201-12688) ..	1	
20	99001-10600-00	CIRCLIP (93430-10016)	1	
21	4K0-18116-00-00	ROD, shift.....	1	
22	95303-06700-00	NUT.....	1	
23	90170-06228-00	NUT.....	1	
24	2H9-18154-00-00	COVER, dust	1	

SG2110 1210

FRAME

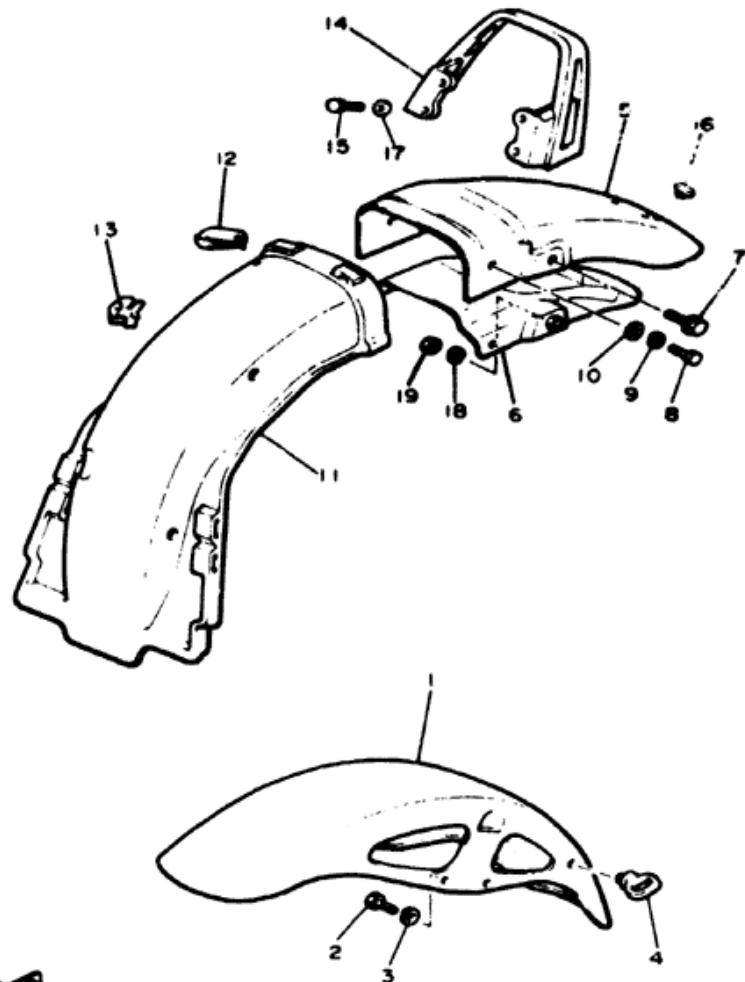


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-21110-01-33	FRAME COMP.....	1	Yamaha Black
2	5G2-21315-00-00	STAY, engine 2	2	
3	90105-08107-00	BOLT, washer based.....	4	
4	90179-08246-00	NUT.....	4	
5	90105-10169-00	BOLT, washer based.....	2	
6	95701-10500-00	NUT,flange	4	
7	90105-10038-00	BOLT, washer based.....	2	
8	90105-12208-00	BOLT, washer based.....	2	
9	95701-12500-00	NUT,flange (95701-12100)	2	

5G2110-1220

Initial Engine Number / Frame Number	5G2-100101 / 5G2-100101
Engine Mounting Bolts: Front Upper	10 x 1.25: 4.2 m-kg
Front Lower	10 x 1.25: 4.2 m-kg
Front Lower	12 x 1.25: 7.0 m-kg
Stay	8 x 1.25: 2.0 m-kg

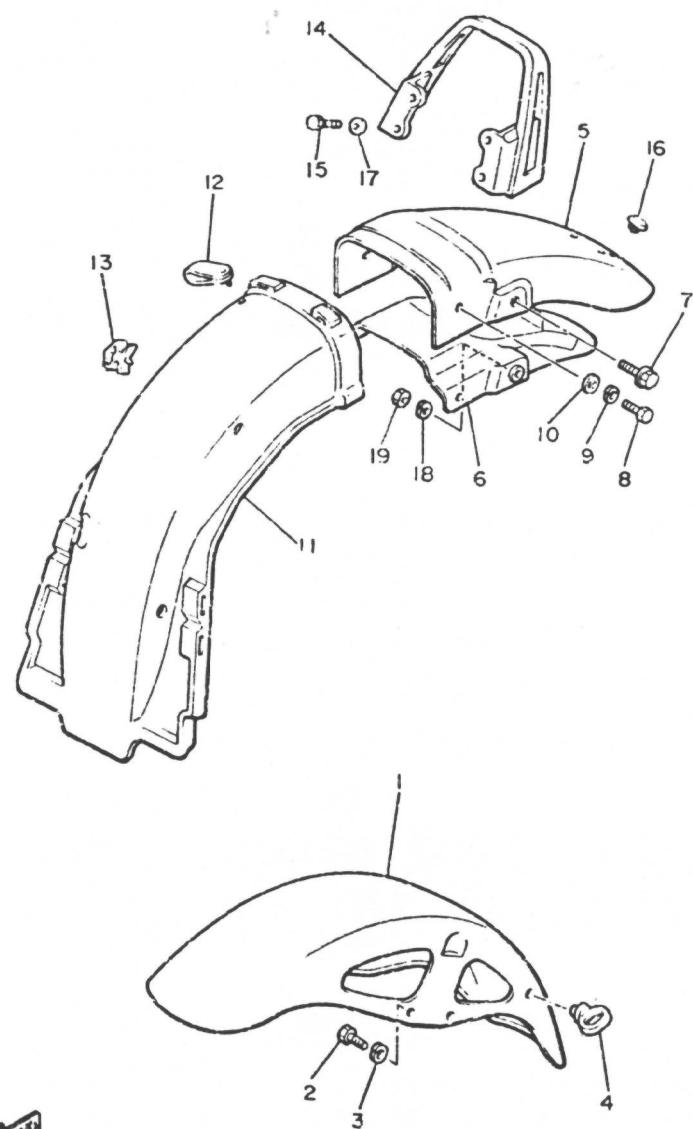
FRONT FENDER – REAR FENDER



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-21510-00-6M	FRONT FENDER COMP.....	1	U.R. Star Silver
	5G2-21510-00-63	FRONT FENDER COMP.....	1	U.R. Brilliant 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	5G2-21611-00-00	FENDER, rear.....	1	
6	5G2-21670-00-00	REINF. COMP.	1	
7	95816-08016-00	BOLT, flange (95826-08016)...	2	
8	97021-08016-00	BOLT (97322-08016)	2	
9	92903-08100-00	WASHER, spring (92902-08100)	2	
10	92990-08200-00	WASHER (92903-08200)	2	
11	4H7-21629-00-00	GUARD, mud	1	
12	90464-12027-00	CLAMP	1	
13	90464-18021-00	CLAMP	1	
14	5G2-21645-10-00	STAY, rear	1	
15	95821-08025-00	BOLT, flange (95822-08025)...	4	
16	4G0-21639-00-00	DAMPER 2.....	1	
17	5G2-21649-00-00	LABEL, tire	4	
18	92906-08100-00	WASHER, spring	2	
19	95336-08600-00	NUT (95316-08600)	2	

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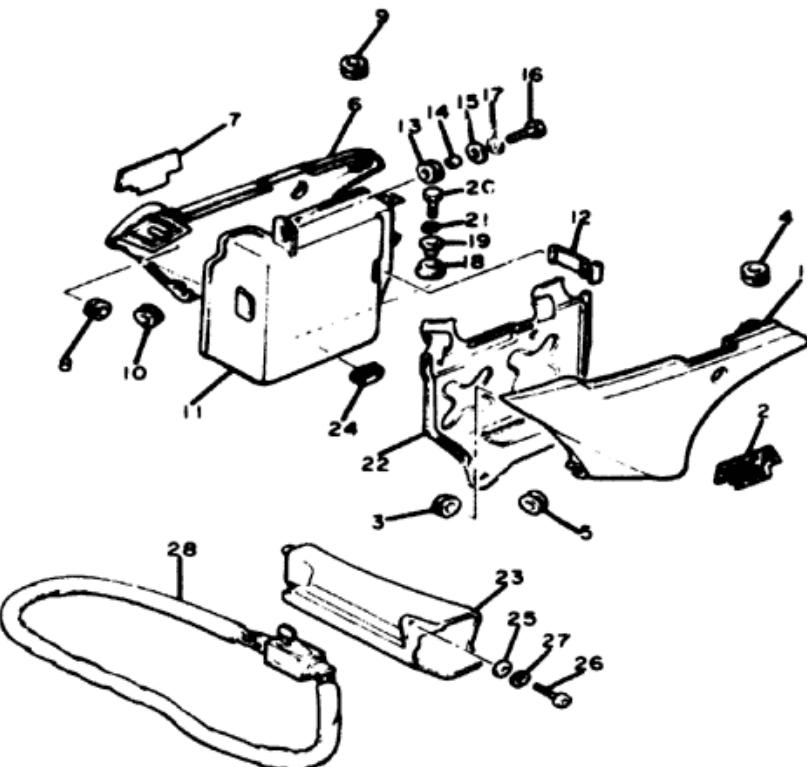
FIG. 24 FRONT FENDER•REAR FENDER



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	5G2-21510-00-1U	FRONT FENDER COMP.	1	UR Quartz silver
	5G2-21510-00-63	FRONT FENDER COMP.	1	UR brilliant red
2	97301-08020	BOLT	4	
3	92901-08100	WASHER, spring	4	
4	1A0-21518-00	HOLDER, cable	1	
5	11M-21611-00	FENDER, rear	1	
6	502-21670-00	REINF. COMP.	1	
7	95826-08016	BOLT, flange	2	
8	97322-06016	BOLT	2	
9	92902-06100	WASHER, spring	2	
10	92902-06200	WASHER	2	
11	4H7-21629-00	GUARD, mud	1	
12	90464-12027	CLAMP	1	
13	90464-16021	CLAMP	1	
14	5G2-21645-00	STAY, rear	1	
15	95822-08025	BOLT, flange	4	
16	4G0-21639-00	DAMPER 2	1	
17	5G2-21649-00	DAMPER	4	
18	92906-08100	WASHER, spring	2	
19	95316-08600	NUT	2	

11M332-2240

SIDE COVER

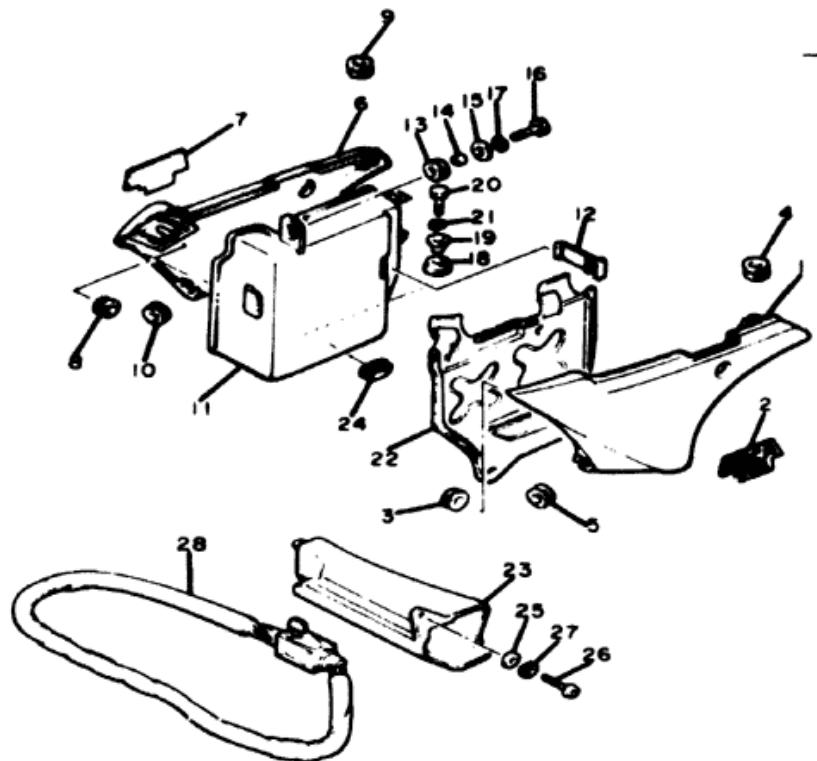


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-21711-00-6M	COVER, side 1.....	1	U.R. Star Silver
	5G2-21711-00-63	COVER, side 1.....	1	U.R. Brilliant Red
2	5G2-21781-00-00	EMBLEM 1.....	1	
3	90480-13197-00	GROMMET.....	1	
4	90480-12053-00	GROMMET.....	1	
5	90480-12296-00	GROMMET.....	1	
6	5G2-21721-00-6M	COVER, side 2.....	1	U.R. Star Silver
	5G2-21721-00-63	COVER, side 2.....	1	U.R. Brilliant Red
7	5G2-21782-00-00	EMBLEM 2.....	1	
8	90480-13197-00	GROMMET.....	1	
9	90480-12053-00	GROMMET.....	1	
10	90480-12296-00	GROMMET.....	1	
11	5G2-21240-00-00	BOX COMP.....	1	
12	4H7-2175R-00-00	HOOK, bank.....	1	
13	90480-16233-00	GROMMET.....	1	
14	90387-060A7-00	COLLAR	1	
15	90201-06407-00	WASHER, plate.....	1	
16	97011-06025-00	BOLT (97321-06025)	1	

5G2110-2240

D3

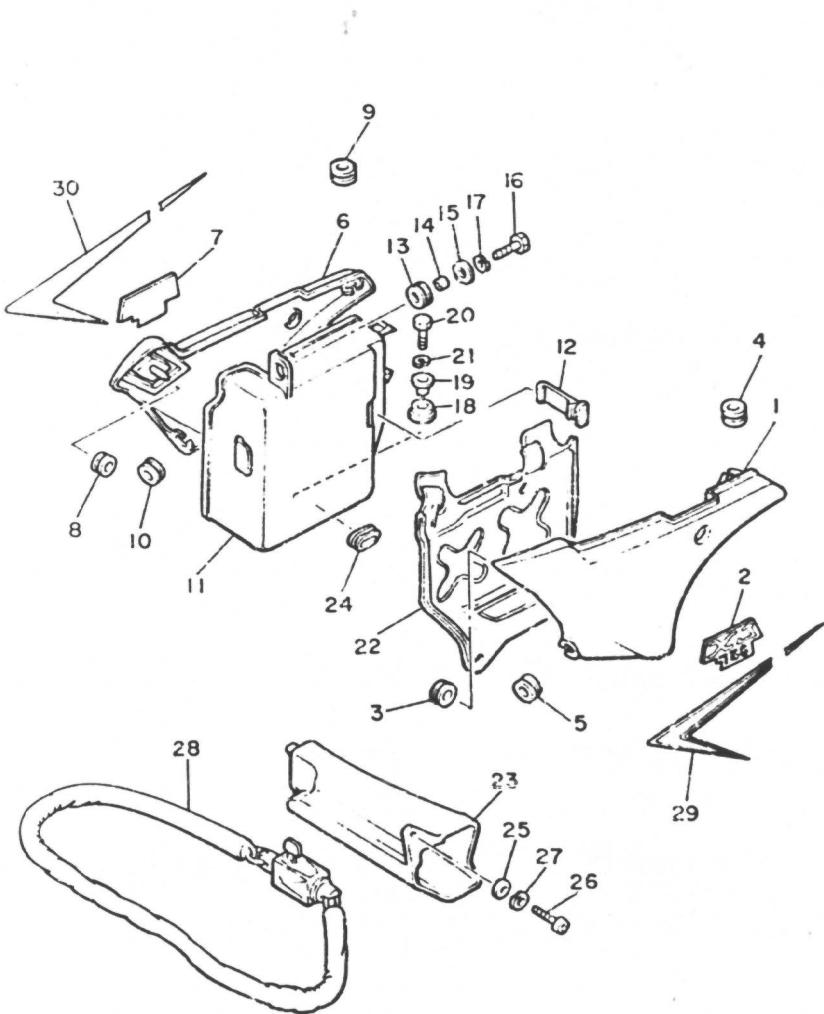
SIDE COVER



Ref. No.	Part Number	Description	Qty.	Remarks
17	92990-06100-00	WASHER, spring (92903-06100)	1	
18	4H7-21746-00-00	DAMPER	1	
19	90387-09617-00	COLLAR	1	
20	97313-08025-70	BOLT (97321-08025)	1	
21	92990-06100-00	WASHER, spring (92903-06100)	1	
22	4H7-21243-01-00	PLATE, bridge	1	
23	4H7-21258-00-00	BOX	1	
24	90480-22084-00	GROMMET	1	
25	90201-065F3-00	WASHER, plate (90201-06557)	1	
26	92580-06020-00	SCREW, pan head (92503-06020)	1	
27	92990-06100-00	WASHER, spring (92903-06100)	1	
28	4W5-W2171-00-00	WHEEL LOCK ASS'Y (4H7-W2171-01)	1	

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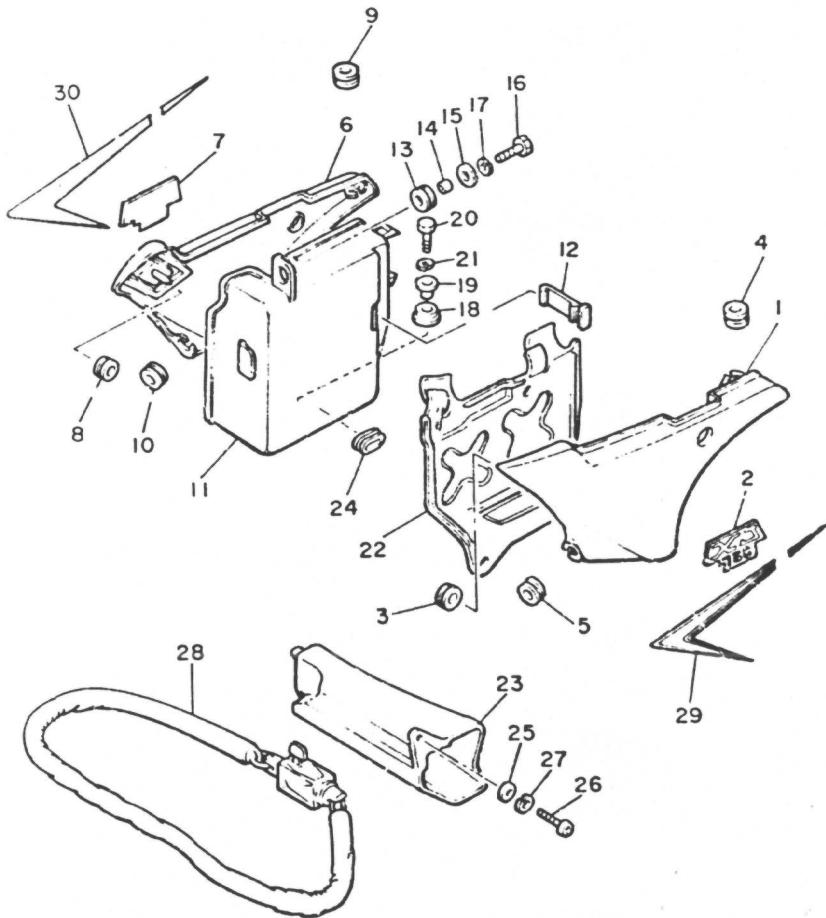
FIG. 25 SIDE COVER



5N1700-2250

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	5G2-21711-00-1U	COVER, side 1	1	UR Quartz silver
	5G2-21711-00-63	COVER, side 1	1	UR brilliant red
2	5G8-21781-01	EMBLEM 1	1	
3	90480-13197	GROMMET	1	
4	90480-12053	GROMMET	1	
5	90480-12296	GROMMET	1	
6	5G2-21721-00-1U	COVER, side 2	1	UR Quartz silver
	5G2-21721-00-63	COVER, side 2	1	UR brilliant red
7	5G8-21781-01	EMBLEM 1	1	
8	90480-13197	GROMMET	1	
9	90480-12053	GROMMET	1	
10	90480-12296	GROMMET	1	
11	5G2-21240-00	BOX COMP.	1	
12	4H7-2175R-00	HOOK, bank	1	
13	90480-16233	GROMMET	1	
14	90387-060A7	COLLAR	1	
15	90201-06407	WASHER, Plate	1	
16	97322-06025	BOLT	1	
17	92902-06100	WASHER, spring	1	
18	4H7-21746-00	DAMPER	1	
19	90387-09617	COLLAR	1	
20	97322-08025	BOLT	1	
21	92902-08100	WASHER, spring	1	
22	4H7-21243-01	PLATE, bridge	1	
23	4H7-21258-00	BOX	1	
24	90480-22084	GROMMET	1	
25	90201-06557	WASHER, Plate	1	
26	92501-06020	SCREW, Pan head	1	

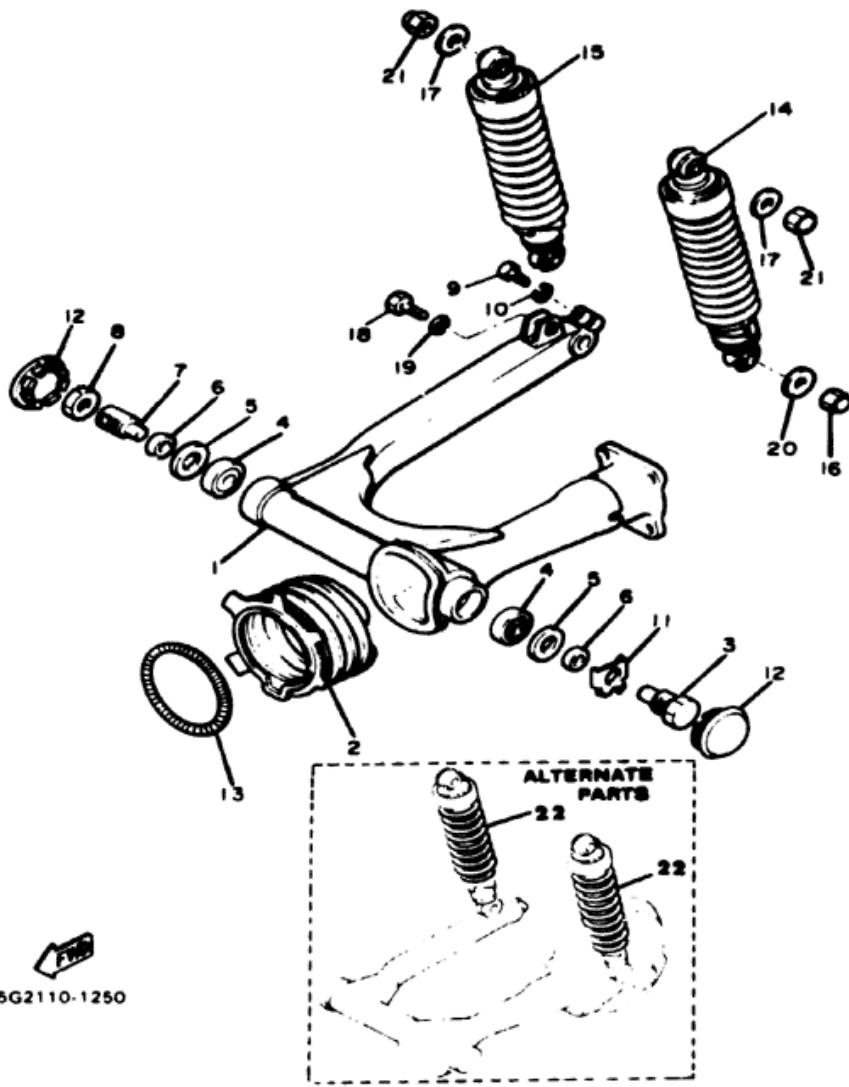
FIG. 25 SIDE COVER



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
27	92902-06100	WASHER, sPring	1	
28	4H7-W2171-01	WHEEL LOCK ASSY	1	
29	11M-2173E-00	GRAPHIC 1	1	UR for qs
	11M-2173E-10	GRAPHIC 1	1	UR for br
30	11M-2173F-00	GRAPHIC 2	1	UR for qs
	11M-2173F-10	GRAPHIC 2	1	UR for br

5N1700-2250

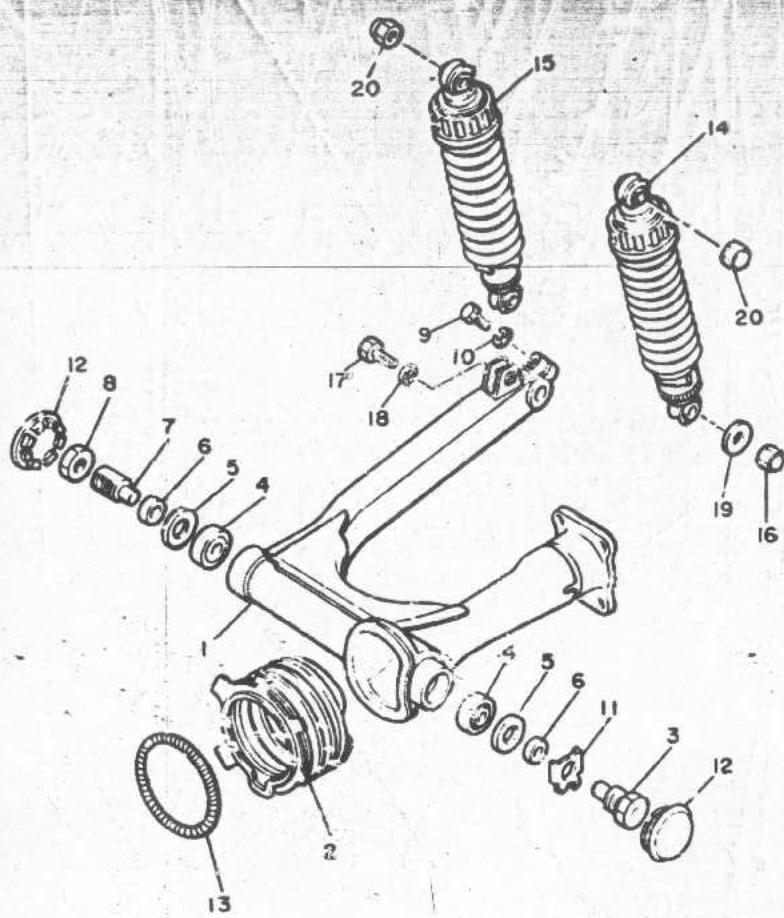
REAR ARM · SUSPENSION



Ref. No.	Part Number	Description	Qty.	Remarks
1	16G-22110-00-98	REAR ARM COMP. (4K0-22110-00-33)	1	Yamaha Black
2	4H7-22189-00-00	BOOT, rubber	1	
3	4H7-22141-00-00	SHAFT, pivot	1	
4	93332-00010-00	BEARING	2	
5	93102-25017-00	OIL SEAL	2	
6	90387-17543-00	COLLAR	2	
7	1J7-22141-00-00	SHAFT, pivot	1	
8	1J7-22143-00-00	NUT	1	
9	97026-08035-00	BOLT (97306-08n35)	1	
10	92906-08100-00	WASHER, spring	1	
11	90215-22238-00	WASHER, lock (90215-22171) .	1	
12	5G2-2219X-00-00	COVER	2	
13	90506-07136-00	SPRING, tension	1	
14	5G2-22210-01-00	SHOCK ABSORBER ASS'Y, rear.	1	
15	5G2-22210-11-00	SHOCK ABSORBER ASS'Y, rear.	1	
16	90176-10013-00	NUT, crown	1	
17	90201-10142-00	WASHER, plate	2	
18	90106-10030-00	BOLT	1	
19	92990-10100-00	WASHER, spring (92903-10100)	1	
20	90201-10437-00	WASHER, plate (90201-10140) .	1	
21	90176-10009-00	NUT, crown	2	
ALTERNATE PARTS				
22	5G2-22212-A0-00	SPRING	2	for heavy duty

5G2110-1250

FIG. 23 REAR ARM. SUSPENSION



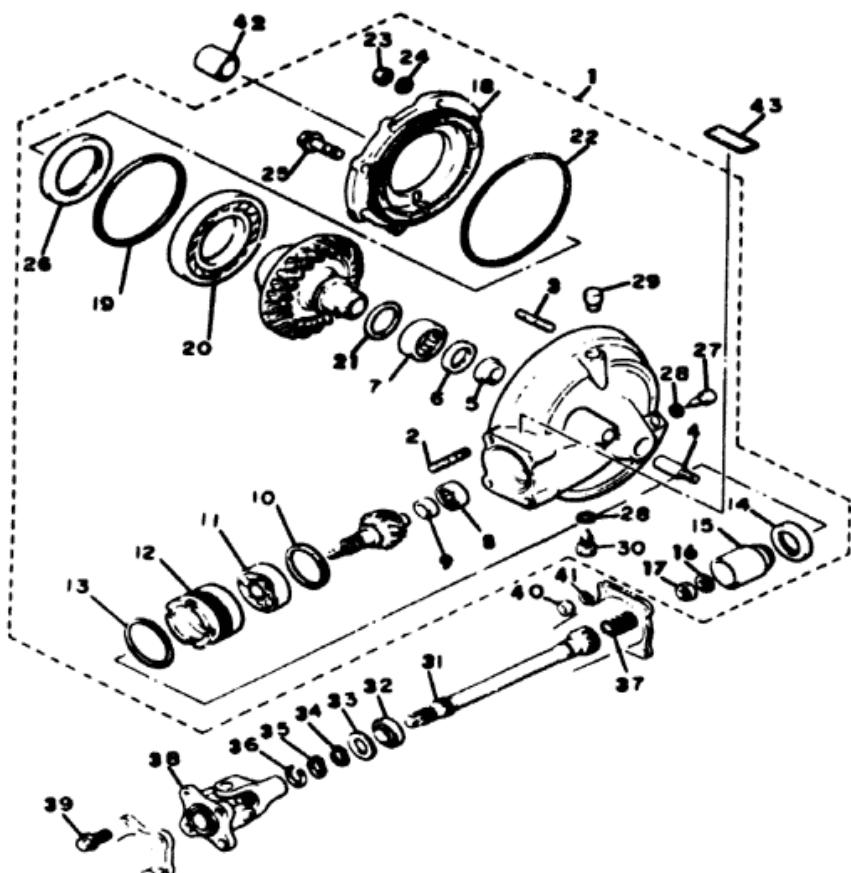
REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-22110-10-Y5	REAR ARM COMP.	1	Police white
2	4H7-22189-00	BOLT, rubber	1	
3	4H7-22141-00	SHAFT, Pivot	1	
4	93332-00010	BEARING	2	
5	93102-25017	OIL SEAL	2	
6	90387-17543	COLLAR	2	
7	1J7-22141-00	SHAFT, Pivot	1	
8	1J7-22143-00	NUT	1	
9	97301-08035	BOLT	1	
10	92990-08100	WASHER, Spring	1	
11	90215-22171	WASHER, lock	1	
12	2H7-2219X-00	COVER	2	
13	90506-07136	SPRING, tension	1	
14	5N1-22210-00	SHOCK ABSORBER ASSY, rear	1	
15	5N1-22210-10	SHOCK ABSORBER ASSY, rear	1	
16	90176-10013	NUT, crown	1	
17	90106-10030	BOLT	1	
18	92903-10100	WASHER, Spring	1	
19	90201-1C140	WASHER, Plate	1	
20	90176-10003	NUT, crown	2	

FIG

24L400-3260

D6

DRIVE SHAFT

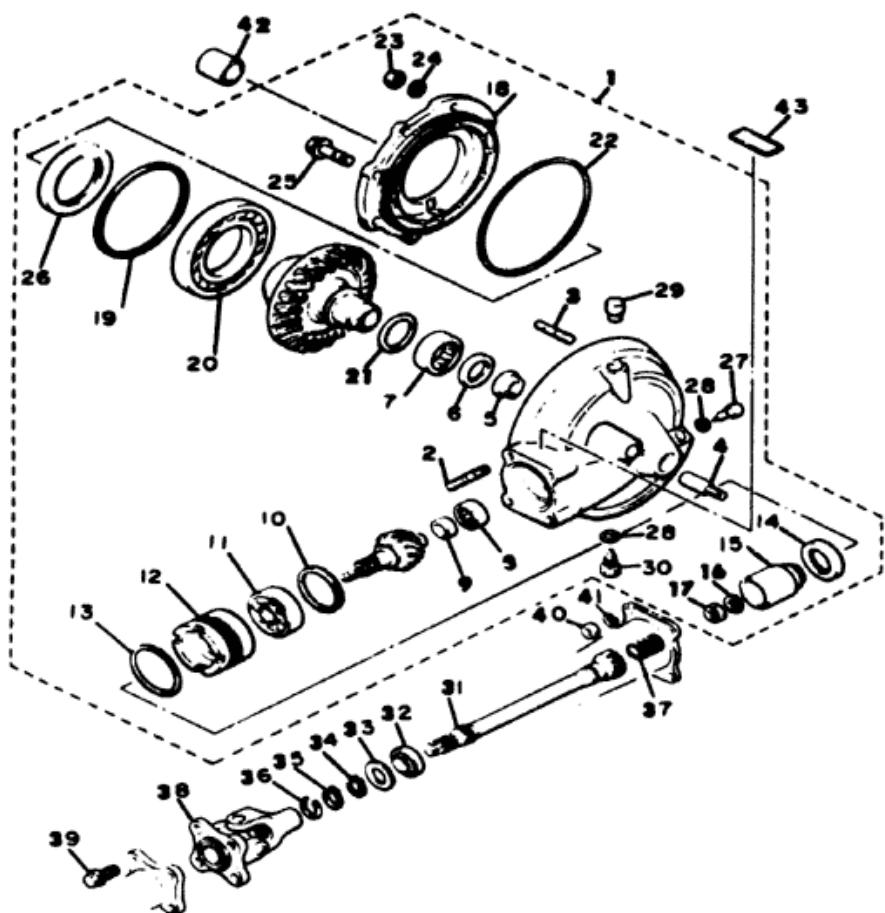


Ref. No.	Part Number	Description	Cty.	Remarks
1	5G2-46101-01-00	REAR AXLE GEAR CASE ASS'Y (5G2-46101-00)	1	
2	90116-10361-00	. BOLT, stud (90116-10362)	4	
3	90116-08360-00	. BOLT, stud	6	
4	90116-10249-00	. BOLT, stud	1	
5	4H7-46153-00-00	. COLLAR, guide	1	
6	93101-30084-00	. OIL SEAL	1	
7	93311-43729-00	. BEARING, cylindrical	1	
8	93317-41510-00	. BEARING, cylindrical	1	
9	2H7-46122-00-00	. RACE, Inner	1	
10	1J7-17537-Y0-30	. SHIM, thrust (1J7-17537-Y0-15)	1	UR
	1J7-17537-Y0-30	. SHIM, thrust (0.30T)	1	UR
	1J7-17537-Y0-40	. SHIM, thrust (0.40T)	1	UR
	1J7-17537-Y0-50	. SHIM, thrust (0.50T)	1	UR
	1J7-17537-Y0-60	. SHIM, thrust (0.60T) (1J7-17537-Y0-60)	1	UR
11	93306-30533-00	. BEARING (B6305RB Special)	1	
12	4H7-46125-00-00	. RETAINER, bearing	1	
13	93210-60426-00	. O-RING	1	
14	93101-38098-00	. OIL SEAL	1	
15	4H7-46123-00-00	. COUPLING, gear	1	
16	90201-14632-00	. WASHER, plate	1	
17	90185-14070-00	. NUT, self-locking	1	

Final Gear Case Capacity	200cc
Gear Case Lubricant: Temp. Above 5°C (40°F)	SAE 90 Hypoid Gear Oil GL-4
Temp. Below 15°C (60°F)	SAE 80 Hypoid Gear Oil GL-4
All Weather Conditions	SAE 80W90 Hypoid Gear Oil GL-4

5G2110-1261

DRIVE SHAFT

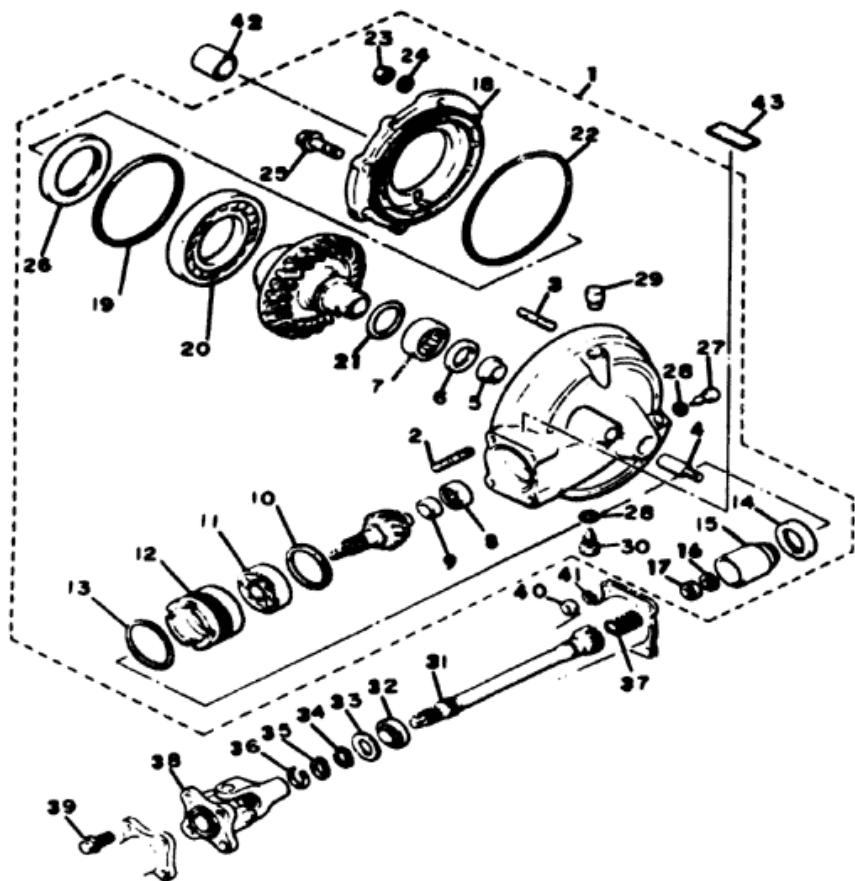


Ref. No.	Part Number	Description	Qty.	Remarks
18	4H7-46152-00-00	. HOUSING, bearing.....	1	
19	1J7-46117-Y0-25	. SHIM, ring gear (0.25T)	1	U.R.
	1J7-46117-Y0-30	. SHIM, ring gear (0.30T)	1	U.R.
	1J7-46117-Y0-35	. SHIM, ring gear (0.35T)	1	U.R.
	1J7-46117-Y0-40	. SHIM, ring gear (0.40T)	1	U.R.
	1J7-46117-Y0-45	. SHIM, ring gear (0.45T)	1	U.R.
	1J7-46117-Y0-50	. SHIM, ring gear (0.50T)	1	U.R.
20	93316-01403-00	. BEARING, cylindrical.....	1	
21	1J7-46118-Y0-18	. WASHER, thrust (1.8T).....	1	U.R.
	1J7-46118-Y0-19	. WASHER, thrust (1.9T).....	1	U.R.
	1J7-46118-Y0-20	. WASHER, thrust (2.0T).....	1	U.R.
	1J7-46118-Y0-21	. WASHER, thrust (2.1T).....	1	U.R.
	4H7-46118-00-14	. WASHER, thrust (1.4T).....	1	U.R.
	4H7-46118-00-15	. WASHER, thrust (1.5T).....	1	U.R.
	4H7-46118-00-16	. WASHER, thrust (1.6T).....	1	U.R.
	4H7-46118-00-17	. WASHER, thrust (1.7T).....	1	U.R.
	4H7-46118-00-22	. WASHER, thrust (2.2T).....	1	U.R.
	4H7-46118-00-23	. WASHER, thrust (2.3T).....	1	U.R.
22	93211-44348-00	. O-RING	1	
23	95311-08600-00	. NUT	6	
24	92901-08700-00	. WASHER, wave	6	

Final Gear Case Capacity	200cc
Gear Case Lubricant: Temp. Above 5°C (40°F)	SAE 90 Hypoid Gear Oil GL-4
Temp. Below 15°C (60°F)	SAE 80 Hypoid Gear Oil GL-4
All Weather Conditions	SAE 80W90 Hypoid Gear Oil GL-4

5G2110-1261

DRIVE SHAFT



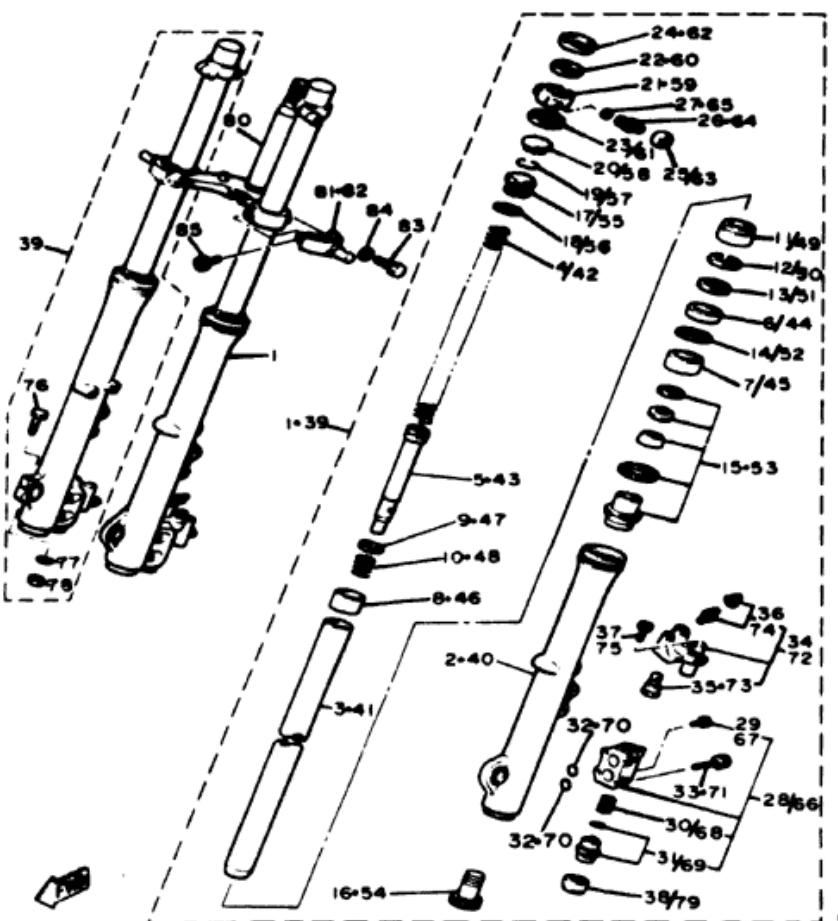
Ref. No.	Part Number	Description	Qty.	Remarks
25	95821-10025-00	. BOLT, flange	2	
26	93102-70167-00	. OIL SEAL	1	
27	11H-13455-00-00	. PLUG, straight screw (90340-14009)	1	
28	214-11198-01-00	. GASKET	2	
29	2H7-17590-00-00	. BREATHER COMP	1	
30	90340-14042-00	. PLUG, straight screw	1	
31	5G2-46172-00-00	SHAFT, drive	1	
32	93108-23007-00	OIL SEAL	1	
33	90201-231A2-00	WASHER, plate	1	
34	93410-23056-00	CIRCLIP	1	
35	93410-22039-00	CIRCLIP	1	
36	90468-14067-00	CLIP	1	
37	90501-16491-00	SPRING, compression	1	
38	4H7-46180-00-00	CROSS JOINT COMP	1	
39	90105-08155-00	BOLT, washer based (90105-08066)	4	
40	95316-10600-00	NUT (95316-10600)	4	
41	92906-10100-00	WASHER, spring	4	
42	90387-172A5-00	COLLAR	1	
43	4H7-46181-10-00	LABEL, oil caution	1	



5G2110-1261

Final Gear Case Capacity	200cc
Gear Case Lubricant: Temp. Above 5°C (40°F)	SAE 90 Hypoid Gear Oil GL-4
Temp. Below 15°C (60°F)	SAE 80 Hypoid Gear Oil GL-4
All Weather Conditions	SAE 80W90 Hypoid Gear Oil GL-4

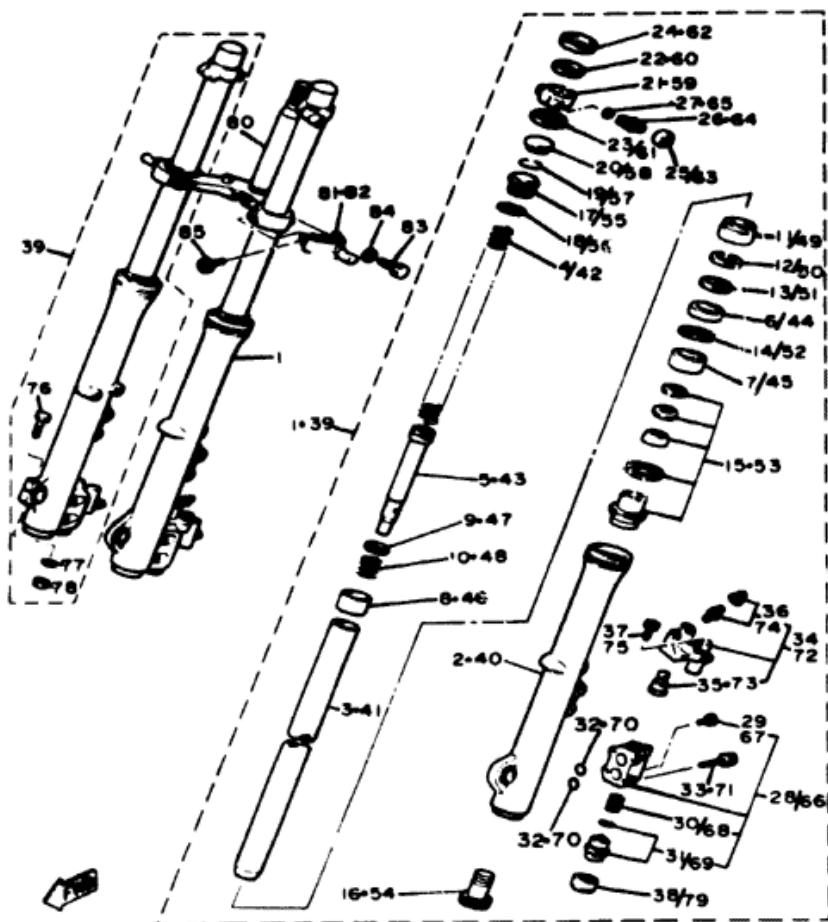
FRONT FORK



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-23102-01-00	FRONT FORK ASS'Y (L.H)	1	
2	5G2-23126-00-00	. TUBE, outer 1	1	
3	5G2-23110-00-00	. INNER TUBE COMP. 1	1	
4	5G2-23141-00-00	. SPRING, front fork	1	
5	5G2-23170-00-00	. CYLINDER COMP., front fork ..	1	
6	1KH-23145-00-00	. OIL SEAL (5G2-23145-00) ..	1	
7	5G2-23125-00-00	. METAL, slide 1	1	
8	3H3-23135-00-00	. METAL, slide 2	1	
9	1T4-23157-01-00	. PISTON RING, front fork (2F3-23157-00)	1	
10	1J3-23151-00-00	. SPRING, rebound	1	
11	5G2-23144-00-00	. SEAL, dust	1	
12	34X-23156-00-00	. CLIP, oil seal (3J3-23156-00) ..	1	
13	3J3-23146-00-00	. WASHER, oil seal (3J3-23146-00)	1	
14	1KH-23147-00-00	. SEAL, spacer (1T4-23147-00) ..	1	
15	5G2-W2311-00-00	. OIL LOCK VALVE ASS'Y	1	
16	3M7-23181-00-00	. BOLT, hexagon socket head ..	1	
17	1T4-23111-00-00	. SEAT, spring	1	
18	2F3-23114-00-00	. GASKET	1	
19	1J3-23183-01-00	. RING, stopper	1	
20	1J3-23168-00-00	. CAP, front fork	1	
21	5G2-2319A-00-00	. JOINT, air	1	

Front Forks: Oil Type / Level / Qty	20 Wt. Fork Oil* / ø 309cc
Gas Pressure	0.4 kg/cm ²
Spring Length Std	604.9mm

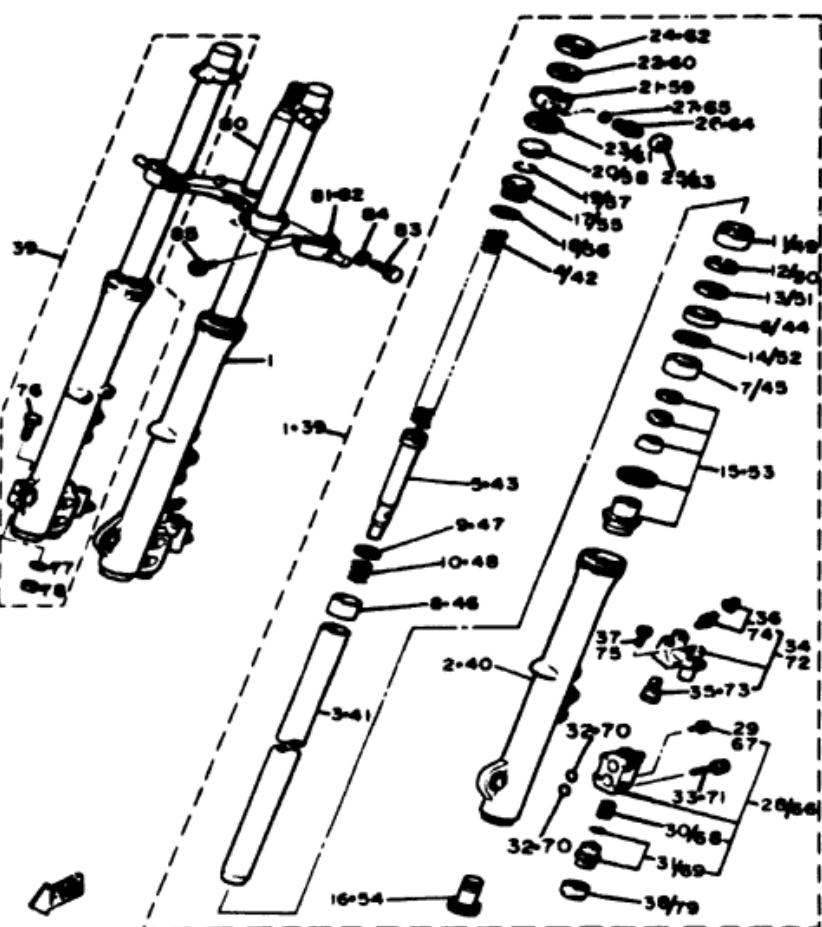
FRONT FORK



Ref. No.	Part Number	Description	Qty.	Remarks
22	5G2-23188-00-00	. O-RING	2	
23	5G2-23153-00-00	. RING, snap	1	
24	5G2-23163-00-00	. GASKET	1	
25	27H-23184-00-00	. CAP, air valve (3H3-23184-00)	1	
26	5K7-23190-00-00	. AIR VALVE COMP. (3H3-23190-00)	1	
27	3H3-23147-00-00	. O-RING	1	
28	5G2-2319E-00-00	. DAMPER PISTON ASS'Y	1	
29	5G2-23119-00-00	. . PLUG, drain	1	
30	5G2-23152-00-00	. . SPRING, sub	1	
31	5G2-2319N-00-00	. . SPRING SEAT COMP.....	1	
32	5G2-23147-00-00	. O-RING	2	
33	5G2-23346-00-00	. BOLT 1	4	
34	5G2-2319F-00-00	. BRAKE PLUNGER ASS'Y 1 ..	1	
35	5G2-2319K-00-00	. . PLUNGER KIT	1	
36	1J3-W0048-00-00	. . BLEED SCREW KIT	1	
37	5G2-23356-00-00	. BOLT 2	2	
38	5G2-2319U-00-00	. CAP	1	
39	5G2-23103-01-00	FRONT FORK ASS'Y (R.H).....	1	
40	5G2-23136-00-00	. TUBE, outer 2	1	
41	5G2-23110-00-00	. INNER TUBE COMP. 1	1	
42	5G2-23141-00-00	. SPRING, front fork	1	

Front Forks: Oil Type / Level : Qty	20 Wt. Fork Oil* / ø / 309cc
Gas Pressure	0.4 kg/cm ²
Spring Length Std	604.9mm

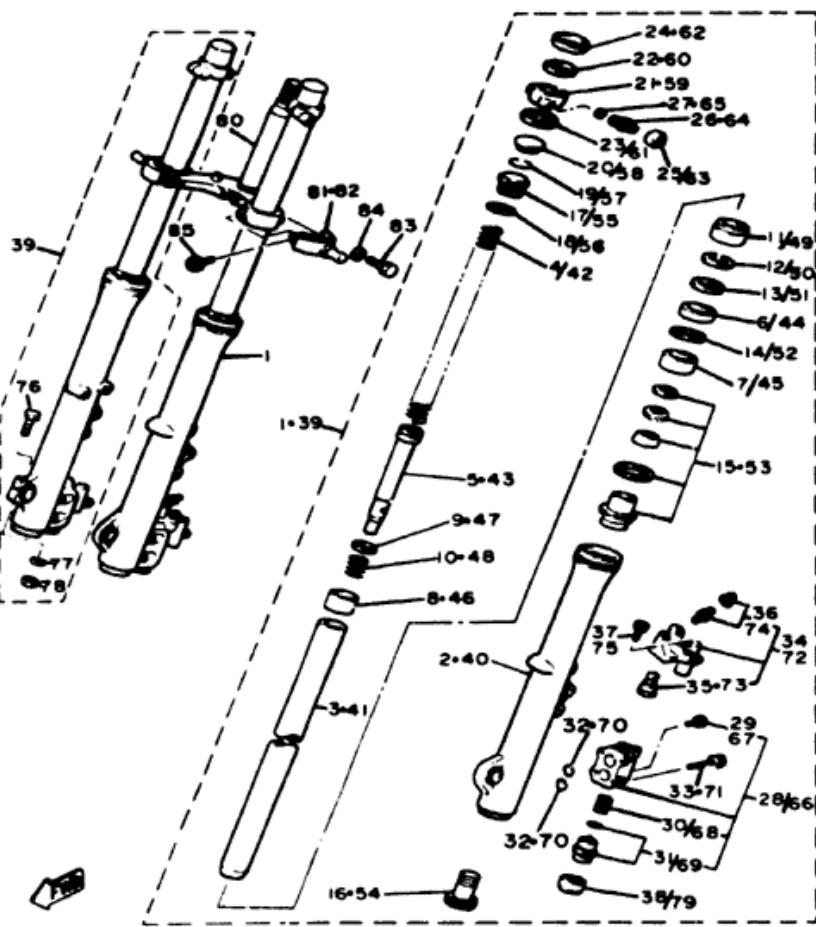
FRONT FORK



Ref. No.	Part Number	Description	Qty.	Remarks
43	5G2-23170-00-00	. CYLINDER COMP. front fork	1	
44	1KH-23145-00-00	. OIL SEAL (5G2-23145-00) . . .	1	
45	5G2-23125-00-00	. METAL, slide 1	1	
46	3H3-23135-00-00	. METAL, slide 2	1	
47	1T4-23157-01-00	. PISTON RING, front fork (2F3-23157-00)	1	
48	1J3-23151-00-00	. SPRING, rebound	1	
49	5G2-23144-00-00	. SEAL, dust	1	
50	34X-23156-00-00	. CLIP, oil seal (3J3-23156-00) .	1	
51	3J3-23146-00-00	. WASHER, oil seal (3J3-23146-00)	1	
52	1KH-23147-00-00	. SEAL, spacer (1T4-23147-00) .	1	
53	5G2-W2311-00-00	. OIL LOCK VALVE ASS'Y	1	
54	3M7-23181-00-00	. BOLT, hexagon socket head .	1	
55	1T4-23111-00-00	. SEAT, spring	1	
56	2F3-23114-00-00	. GASKET	1	
57	1J3-23183-01-00	. RING, stopper	1	
58	1J3-23168-00-00	. CAP, front fork	1	
59	5G2-2319A-00-00	. JOINT, air	1	
60	5G2-23188-00-00	. O-RING	2	
61	5G2-23153-00-00	. RING, snap	1	
62	5G2-23163-00-00	. GASKET	1	
63	3H3-23184-00-00	. CAP, air valve	1	

Front Forks: Oil Type / Level / Qty	20 Wt. Fork Oil* / @ / 309cc
Gas Pressure	0.4 kg/cm ²
Spring Length Std	604.9mm

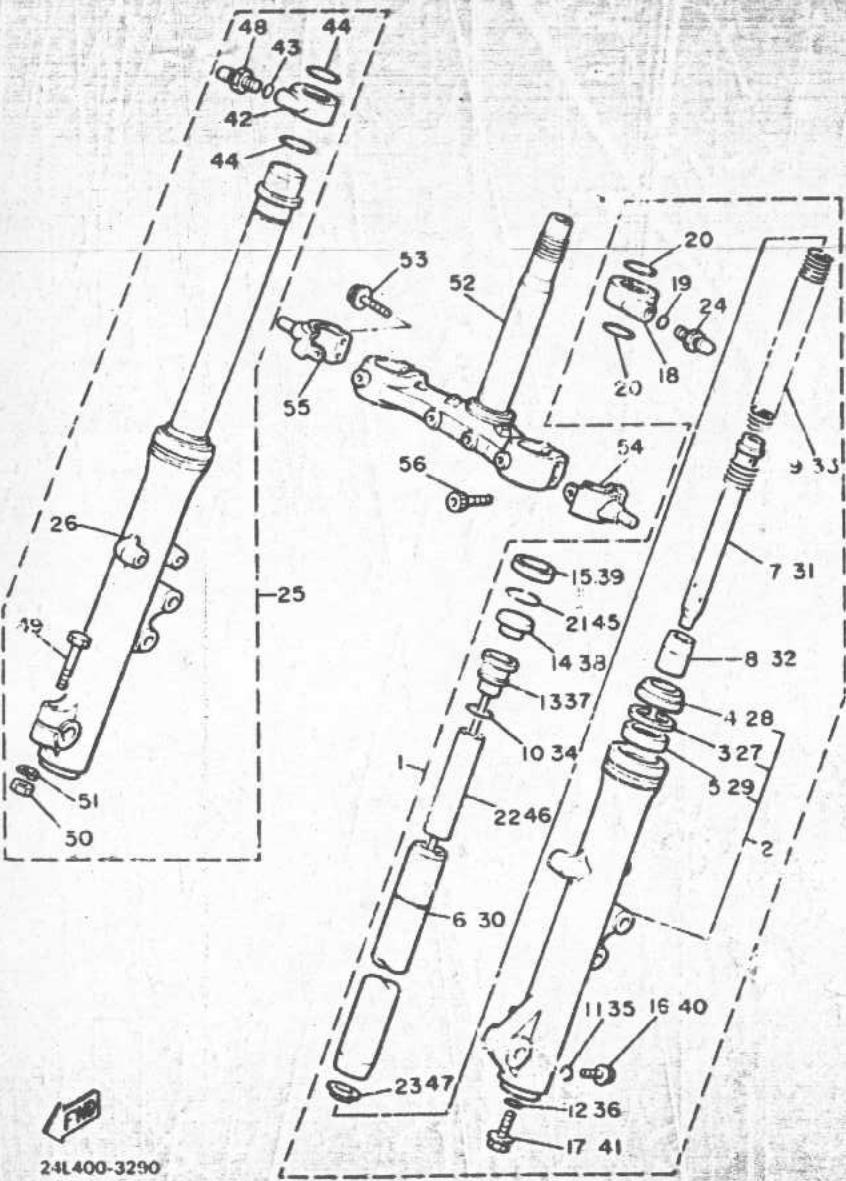
FRONT FORK



Ref. No.	Part Number	Description	Qty.	Remarks
64	5K7-23190-00-00	. AIR VALVE COMP (3H3-23190-00)	1	
65	3H3-23147-00-00	. O-RING	1	
66	5G2-2319E-00-00	. DAMPER PISTON ASS'Y	1	
67	5G2-23119-00-00	. PLUG, drain	1	
68	5G2-23152-00-00	. SPRING, sub	1	
69	5G2-2319N-00-00	. SPRING SEAT COMP	1	
70	5G2-23147-00-00	. O-RING	2	
71	5G2-23346-00-00	. BOLT 1	4	
72	5G2-2319G-00-00	. BRAKE PLUNGER ASS'Y 2	1	
73	5G2-2319K-00-00	. PLUNGER KIT	1	
74	1J3-W0048-00-00	. BLEED SCREW KIT	1	
75	5G2-23356-00-00	. BOLT 2	2	
76	4H3-23128-00-00	. BOLT, axle holder	1	
77	3J3-23159-00-00	. WASHER, spring lower	1	
78	4H3-23127-00-00	. NUT, outer tube	1	
79	5G2-2319U-00-00	. CAP	1	
80	11M-23340-20-90	UNDERBRACKET COMP. (5G2-23340-00-90)	1	Uni Chrome (Blk)
81	5G2-23132-00-00	COVER, outer 2	1	
82	5G2-23122-00-00	COVER, outer 1	1	
83	97313-08040-00	BOLT	4	
84	92990-08100-00	WASHER, spring (92903-08100)	4	
85	5G2-23366-00-00	BOLT, upper	2	

Front Forks: Oil Type / Level / Qty	20 Wt. Fork Oil* / Ø / 309cc
Gas Pressure	0.4 kg/cm ²
Spring Length Std	604.9mm

FIG. 26 FRONT FORK

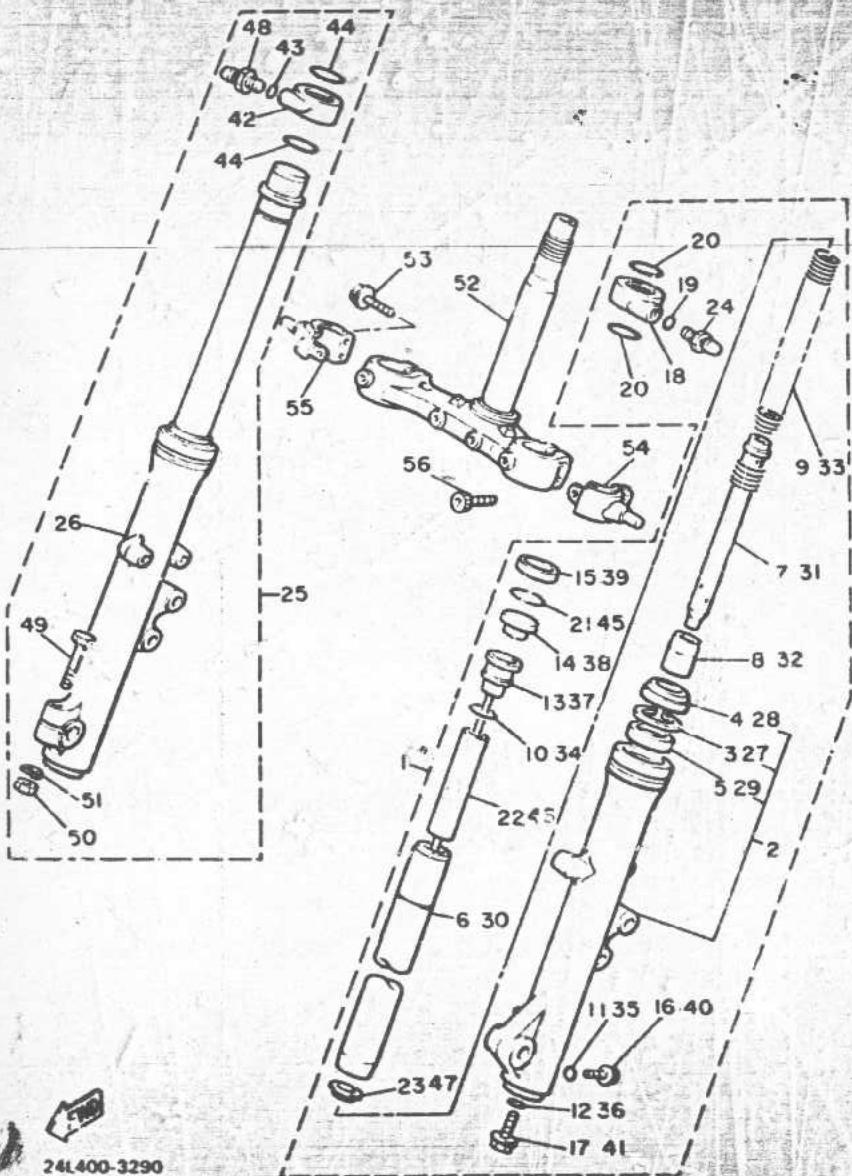


24L400-3290



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-23102-00-Y5	FRONT FORK ASSY (L.H.)	1	Police white for new zealand
2	15R-23126-00-Y5	-TUBE, outer 1	1	Police white
3	4A1-23156-00	--CLIP, oil seal	1	
4	15R-23144-00	--SEAL, dust	1	
5	15R-23145-00	--OIL SEAL	1	
6	24L-23110-00	-INNER TUBE COMP.1	1	
7	1K0-23170-00	-CYLINDER COMP., front fork	1	
8	5A8-23173-00	-SPINDLE, taper	1	
9	24L-23141-00	-SPRING, front fork	1	
10	240-23114-00	-GASKET	1	
11	122-23129-00	-GASKET, drain Plug	1	
12	509-23158-L0	-GASKET	1	
13	11H-23111-00	-BOLT, cap	1	
14	16G-23168-00	-CAP, front fork	1	
15	2H7-23163-00	-WASHER	1	
16	4H7-23119-00	-PLUG, drain	1	
17	278-23181-50	-BOLT, hexagon socket head	1	
18	15R-2319A-00	-JOINT, air 2	1	
19	3.12-23147-00	-O-RING	1	
20	15R-23188-00	-O-RING	2	
21	15R-23153-00	-RING, snap	1	
22	15A-23118-0C	-SPACER	1	
23	583-23142-00	-SEAT, spring upper	1	
24	4V4-23190-L0	-AIR VALVE COMP.	1	
25	24L-23103-00-Y5	FRONT FORK ASSY (R.H.)	1	Police white for new zealand
26	15R-23126-00-Y5	-TUBE, outer 1	1	Police white
27	4A1-23156-00	--CLIP, oil seal	1	
28	15R-23144-00	--SEAL, dust	1	

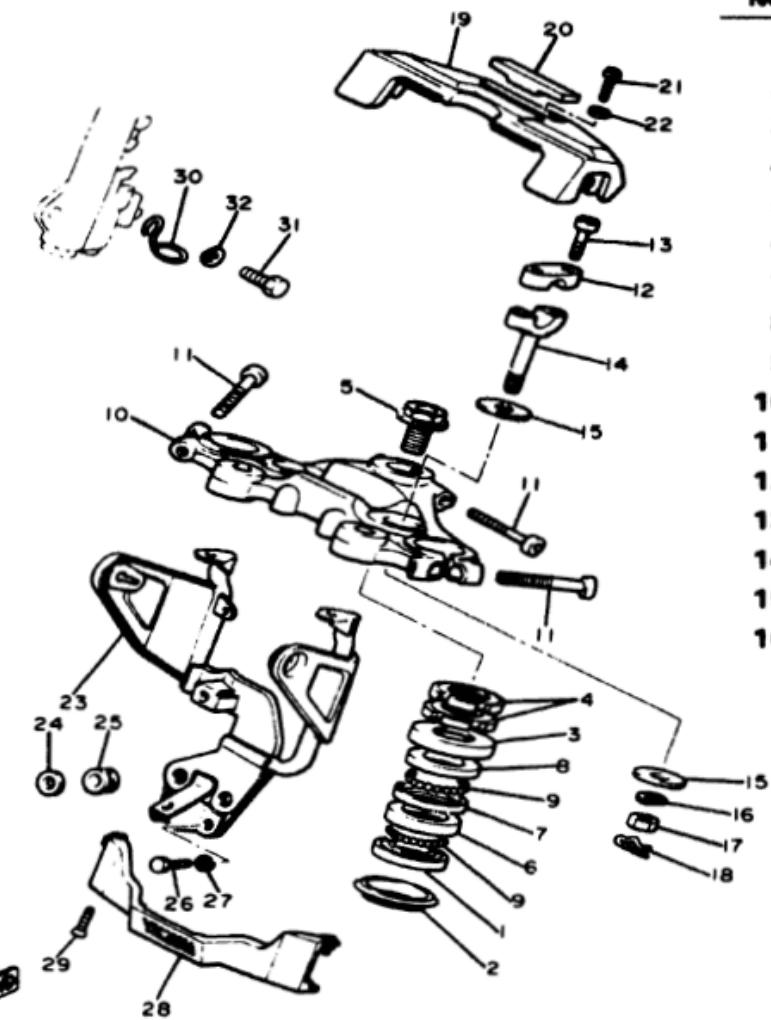
FIG. 26 FRONT FORK



24L400-3290

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	15R-23145-00	•OIL SEAL	1	
30	24L-23110-00	•INNER TUBE COMP. I	1	
31	4K0-23170-00	•CYLINDER COMP., front fork	1	
32	5A8-23173-00	•SPINDLE, taper	1	
33	24L-23141-00	•SPRING, front fork	1	
34	240-23114-00	•GASKET	1	
35	122-23129-00	•GASKET, drain Plug	1	
36	509-23158-L0	•GASKET	1	
37	114-23111-00	•BOLT, cap	1	
38	16G-23168-00	•CAP, front fork	1	
39	2H7-23163-00	•WASHER	1	
40	4H7-23119-00	•PLUG, drain	1	
41	278-23181-50	•BOLT, hexagon socket head	1	
42	15R-2319A-00	•JOINT, air 2	1	
43	3J2-23147-00	•O-RING	1	
44	15R-23188-00	•O-RING	2	
45	15R-23153-C0	•RING, snap	1	
46	24L-23118-00	•SPACER	1	
47	583-23142-00	•SEAT, spring upper	1	
48	4V4-23190-L0	•AIR VALVE COMP.	1	
49	90109-08387	•BOLT	1	
50	95311-08600	•NUT	1	
51	92990-08100	•WASHER, spring	1	
52	24L-23340-00-33	UNDER BRACKET COMP.	1	yamaha black
53	90119-08012	BOLT, with washer	4	
54	24L-23122-00	COVER, outer 1	1	
55	24L-23132-00	COVER, outer 2	1	
56	4H7-23181-00	BOLT, hexagon socket head	2	

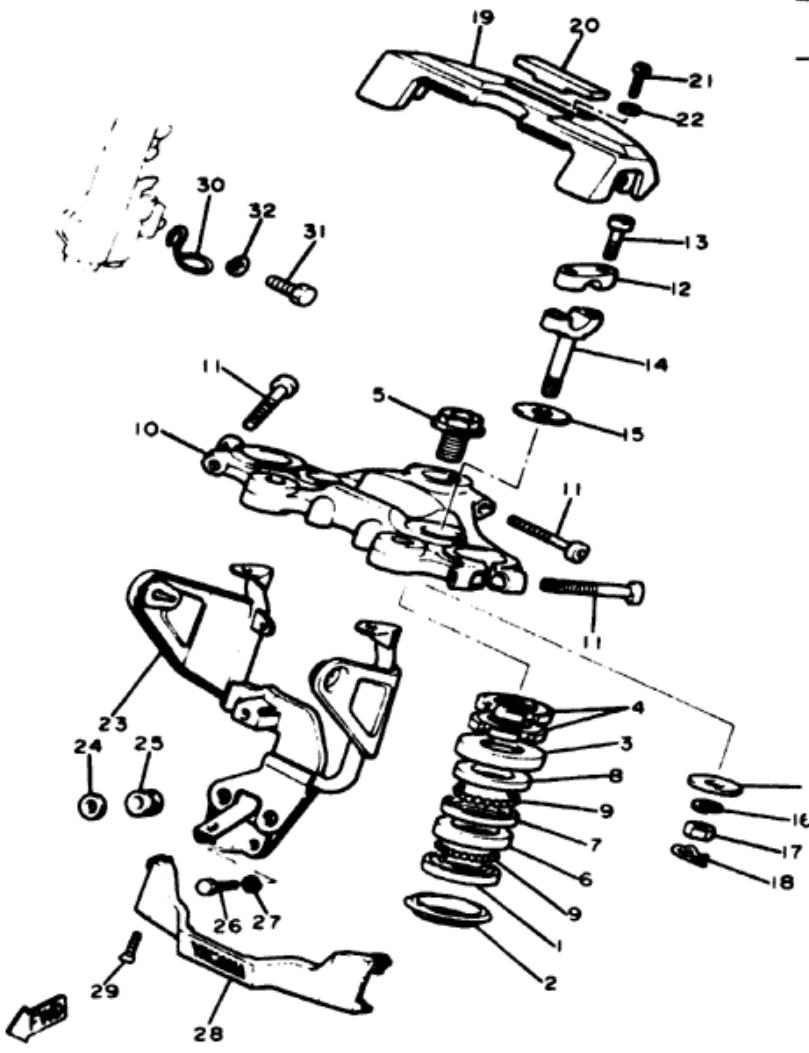
STEERING



5G2110-1280

Ref. No.	Part Number	Description	Qty.	Remarks
1	256-23411-00-00	RACE, ball 1	1	
2	164-23462-00-00	SEAL, steering.....	1	
3	4K0-23415-00-00	COVER, ball race 1	1	
4	90179-25495-00	NUT, fitting 2 (4H3-23454-00) .	2	
5	90105-14102-00	BOLT, washer based	1	
6	256-23412-00-00	RACE, ball 2	1	
7	256-23413-00-00	RACE, ball 3	1	
8	256-23414-00-00	RACE, ball 4	1	
9	93501-04011-00	BALL.....	38	
10	5G2-W2341-00-98	CROWN, handle	1	Low Gloss Blk
11	91316-08045-00	BOLT	3	
12	360-23441-01-98	HOLDER, handle upper	2	Low Gloss Blk
13	91316-08020-00	BOLT	4	
14	5G2-23442-00-98	HOLDER, handle lower.....	2	Low Gloss Blk
15	90201-100A1-00	WASHER, plate (90201-10141) .	4	
16	92990-10100-00	WASHER, spring (92903-10100)	2	

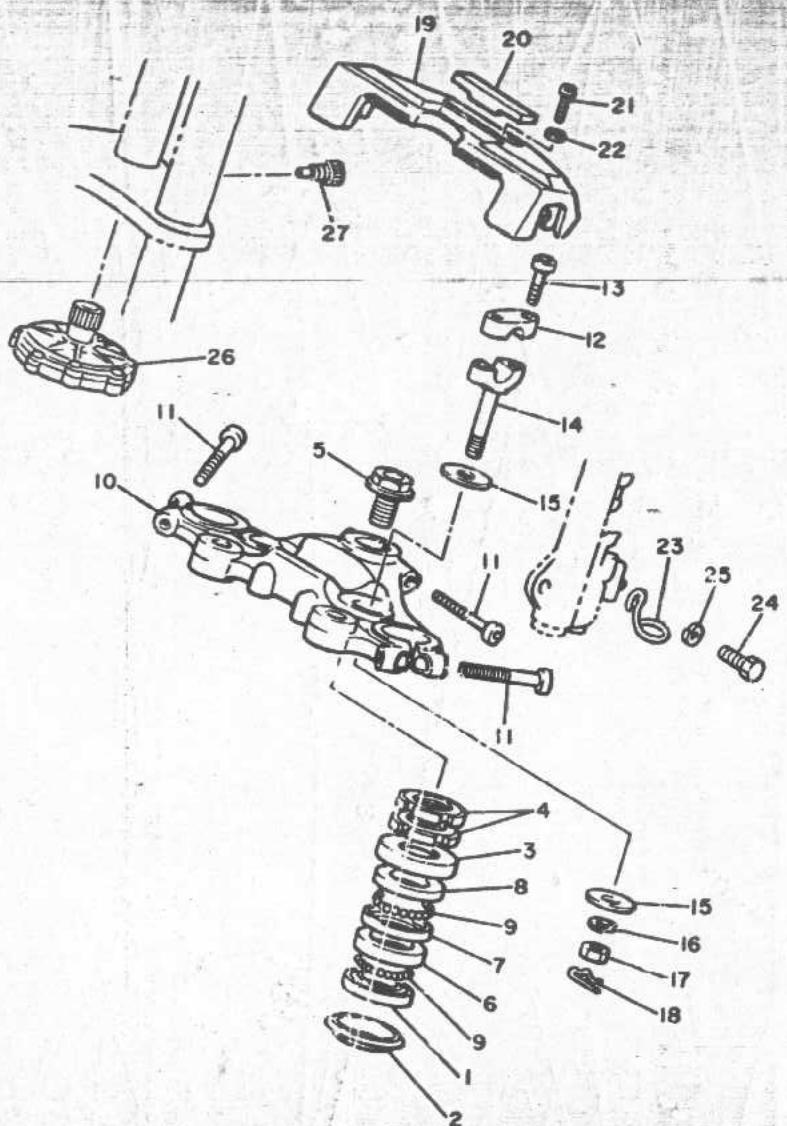
STEERING



SG2110 1280

Ref. No.	Part Number	Description	Qty.	Remarks
17	95303-10700-00	NUT (95301-10700)	2	
18	90468-12006-00	CLIP	2	
19	5G2-26213-00-00	COVER, upper	1	
20	5G2-26216-00-00	CAP, handlebar cover	1	
21	92506-06025-00	SCREW, pan head	2	
22	90201-06057-00	WASHER, plate	2	
23	5G2-23174-01-00	STAY, headlight	1	
24	90201-06057-00	WASHER, plate	2	
25	90480-14023-00	GROMMET (90480-14101)	2	
26	97021-06030-00	BOLT (97301-06030)	2	
27	92990-06100-00	WASHER, spring (92903-06100)	2	
28	5G2-23395-01-00	EMBLEM	1	
29	98780-05012-00	SCREW, oval head (98603-05012)	2	
30	4H3-23318-00-00	HOLDER, cable 1	1	
31	97026-06012-00	BOLT (97306-06012)	1	
32	92906-06100-00	WASHER, spring	1	

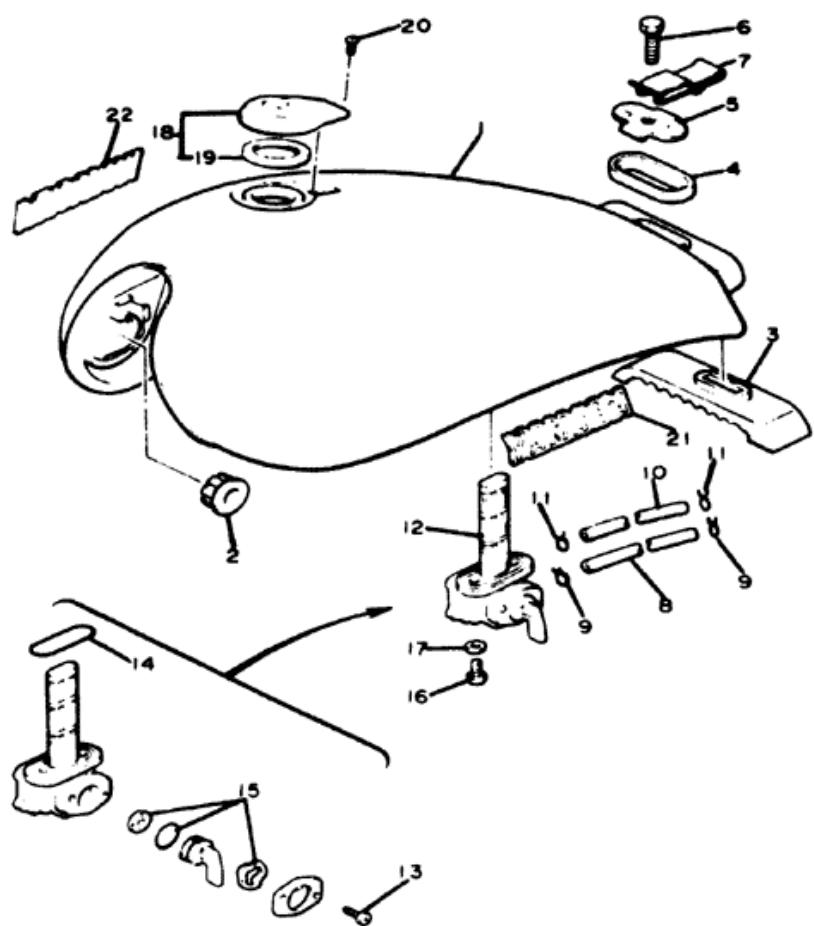
FIG. 25 - STEERING



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	256-23411-00	RACE, ball 1	1	
2	164-23462-00	SEAL, steering	1	
3	4KO-23415-00	COVER, ball race 1	1	
4	90179-25495	NUT	2	
5	90105-14137	BOLT, washer based	1	
6	256-23412-00	RACE, ball 2	1	
7	256-23413-00	RACE, ball 3	1	
8	256-23414-00	RACE, ball 4	1	
9	93501-04011	BALL	36	
10	5G2-W2341-00-98	CROWN, handle	1	Low gloss black
11	91316-08045	BOLT	3	
12	360-23441-01-98	HOLDER, handle upper	2	Low gloss black
13	91316-08020	BOLT	4	
14	5G2-23442-00-98	HOLDER, handle lower	2	Low gloss black
15	90201-10141	WASHER, Plate	4	
16	92901-10100	WASHER, Spring	2	
17	95301-10700	NUT	2	
18	90468-12006	CLIP	2	
19	5G2-26213-00	COVER, upper	1	
20	5G2-26216-00	CAP, handlebar cover	1	
21	92506-06025	SCREW, Pan head	2	
22	902C1-06057	WASHER, Plate	2	
23	4H3-23318-00	HOLDER, cable 1	1	
24	97306-06012	BOLT	1	
25	92906-06100	WASHER, Spring	1	
26	5G2-23490-00	HANDLEBAR SHIMMY DAMPER ASSY	1	AP
27	5G2-23492-01	BOLT	1	AP

24L750-3250

FUEL TANK



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-24110-00-6M	FUEL TANK COMP.....	1	U.R. Star Silver
	5G2-24110-00-63	FUEL TANK COMP.....	1	U.R. Brilliant Red
2	4H7-24181-00-00	DAMPER, locating 1.....	2	
3	4H7-24182-01-00	DAMPER, locating 2.....	1	
4	4K0-24183-00-00	DAMPER, locating 3.....	1	
5	4K0-24186-00-00	WASHER, special	1	
6	90109-08579-00	BOLT	1	
7	4K0-2411M-00-00	CLIP.....	1	
8	5G2-24311-00-00	PIPE, fuel 1	1	
9	90467-10008-00	CLIP.....	2	
10	90445-09500-00	HOSE.....	1	
11	90467-08003-00	CLIP.....	2	
12	5G2-24500-01-00	FUEL COCK ASS'Y 1	1	
13	98501-03008-00	. SCREW, pan head	2	
14	2W6-24512-00-00	. O-RING	1	
15	3H3-W0092-00-00	. FUEL COCK VALVE SET	1	
16	90149-08011-00	SCREW.....	2	
17	90202-08010-00	WASHER, plate	2	
18	4X7-24602-00-00	CAP ASS'Y.....	1	
19	4X7-24612-00-00	. GASKET, cap	1	
20	98506-05010-00	SCREW, pan head.....	1	
21	5G2-24161-00-00	EMBLEM 1.....	1	
22	5G2-24162-00-00	EMBLEM 2.....	1	

5G2110-2290

Basic Color(s)	Star Silver (S)	Brilliant Red (R)
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 19 Lit. / 3.6 Lit.	

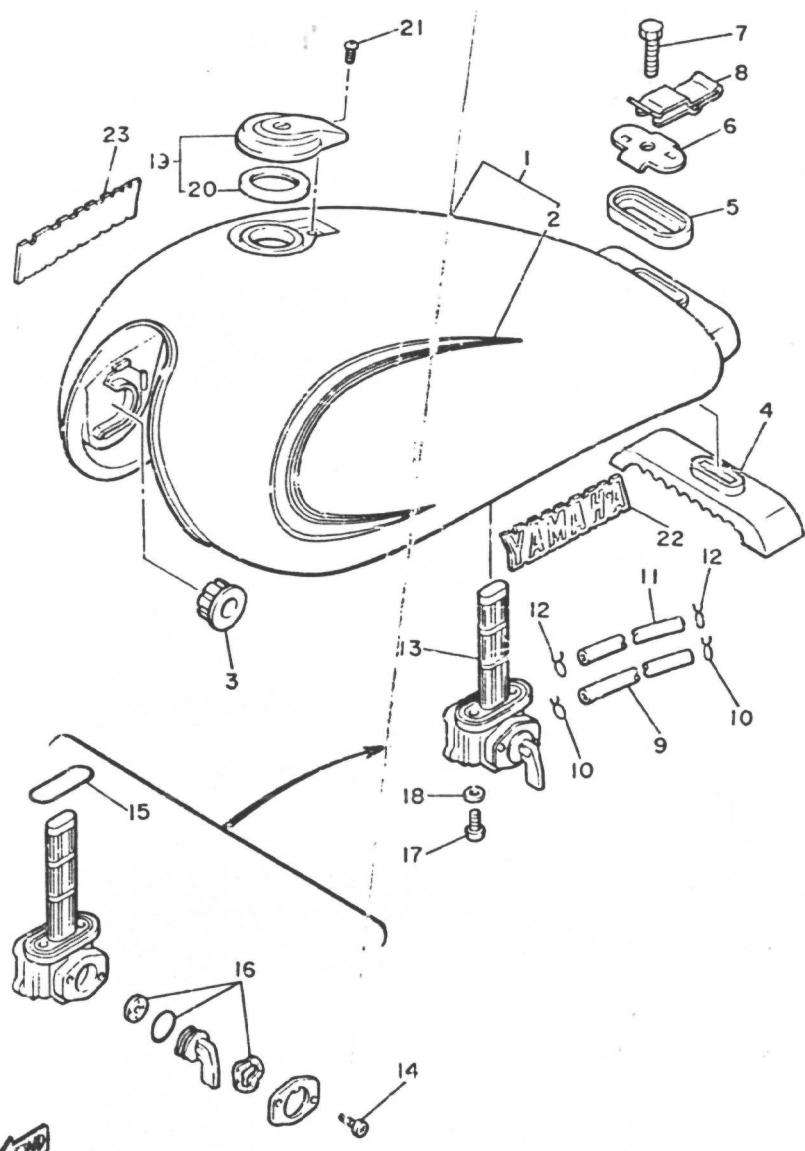
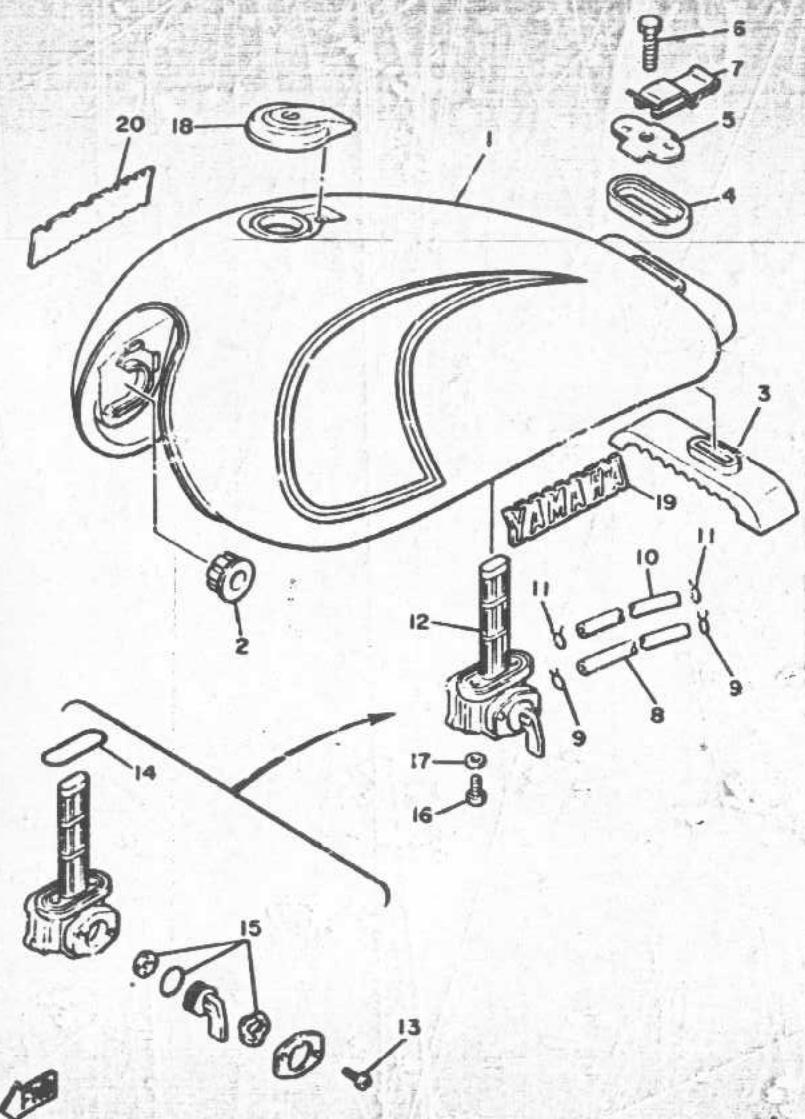


FIG. 30 FUEL TANK

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	5G2-24110-00-07	FUEL TANK COMP.	1	UR
	5G2-24110-00-08	FUEL TANK COMP.	1	Quartz silver
2	11M-24240-10	•GRAPHIC SET	1	UR
	11M-24240-00	•GRAPHIC SET	1	brilliant red
3	4H7-24181-00	DAMPER, locating 1	1	UR for br
4	4H7-24182-01	DAMPER, locating 2	1	UR for qs
5	4K0-24183-00	DAMPER, locating 3	1	
6	4K0-24186-00	WASHER, special	1	
7	90109-08579	BOLT	1	
8	4K0-2411M-00	CLIP	1	
9	5G2-24311-00	PIPE, fuel 1	1	
10	90467-10008	CLIP	2	
11	90445-09500	HOSE	1	
12	90467-08003	CLIP	2	
13	5G2-245C0-01	FUEL COCK ASSY 1	1	
14	98501-03008	•SCREW, Pan head	2	
15	2W6-24512-00	•O-RING	1	
16	3H3-W0092-00	•FUEL COCK VALVE SET	1	
17	90149-06011	SCREW	2	
18	90202-06010	WASHER, Plate	2	
19	4X7-24602-00	CAP ASSY	1	
20	4X7-24612-00	•GASKET, cap	1	
21	98506-05010	SCREW, Pan head	1	
22	5G2-24161-00	EMBLEM 1	1	
23	5G2-24162-00	EMBLEM 2	1	

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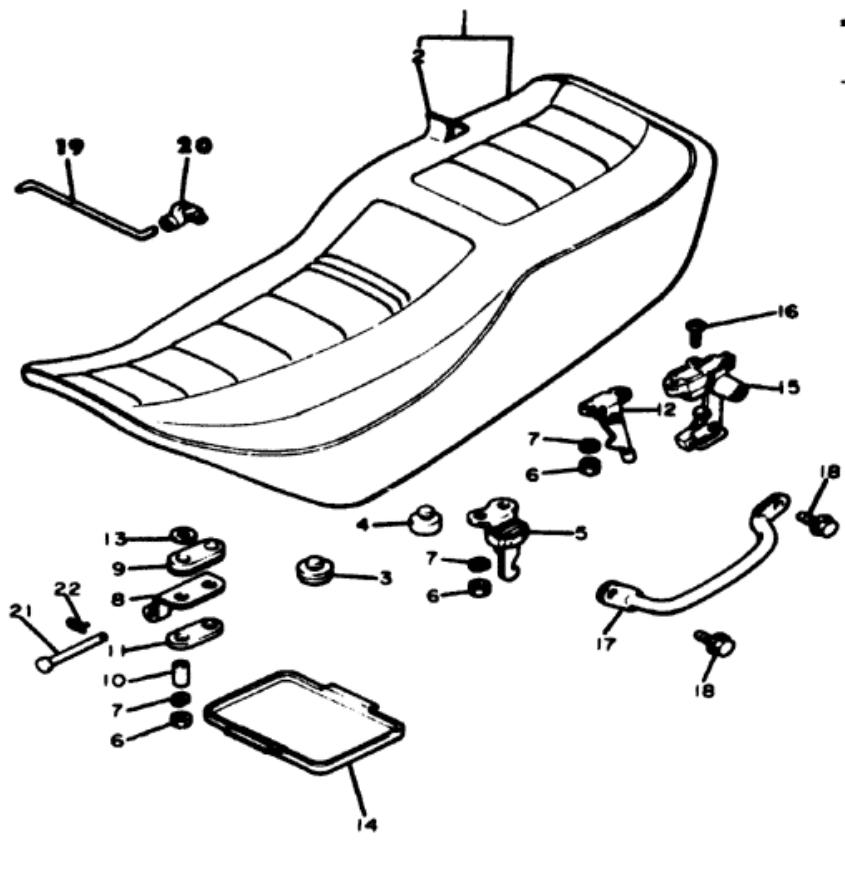
FIG. 27 FUEL TANK



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	5G2-24110-00-X4	FUEL TANK COMP.	1	Police white
2	4H7-24181-00	DAMPER, locating 1	2	
3	4H7-24182-01	DAMPER, locating 2	1	
4	4K0-24183-00	DAMPER, locating 3	1	
5	4K0-24186-00	WASHER, special	1	
6	90109-08579	BOLT	1	
7	4K0-2411M-00	CLIP	1	
8	5G2-24311-00	PIPE, fuel 1	1	
9	90467-10008	CLIP	2	
10	90445-09500	HOSE	1	
11	90467-08075	CLIP	2	
12	5G2-24500-01	FUEL COCK ASSY 1	1	
13	98501-03008	SCREW, Pan head	2	
14	2H6-24512-00	O-RING	1	
15	3H3-WOC92-00	FUEL COCK VALVE SET	1	
16	90149-06011	SCREW	2	
17	90202-06010	WASHER, Plate	2	
18	37H-24602-00	CAP ASSY	1	
19	5G2-24161-00	EMBLEM 1	1	
20	5G2-24162-00	EMBLEM 2	1	

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SEAT



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G8-W2472-00-00	DOUBLE SEAT ASS'Y (5G2-W2474-00)	1	
2	5G2-24731-00-00	. COVER, double seat	1	
3	1L9-24741-00-00	PAD, seat	6	
4	371-27114-00-00	STOPPER, main stand	1	
5	4K0-24728-00-00	BRACKET, seat	1	
6	95303-06600-00	NUT (95301-06600)	8	
7	92990-06100-00	WASHER, spring (92903-06100)	8	
8	1J7-24726-00-00	HINGE, seat	2	
9	1J7-24723-00-00	DAMPER, seat (1L9-24723-00)	4	
10	90387-07390-00	COLLAR	4	
11	1L9-24746-00-00	WASHER, seat	2	
12	4K0-W2474-00-00	BRACKET	1	
13	92990-06200-00	WASHER (92903-06200)	4	
14	395-28185-00-00	LID	1	
15	5G2-24705-00-00	SEAT LOCK ASS'Y	1	
16	98906-06016-00	SCREW, bind	3	
17	5G2-21165-00-00	HANDLE, standing	1	
18	95806-08012-00	BOLT, flange	2	
19	4K0-24768-01-00	STOPPER	1	
20	1J7-24718-00-00	HOLDER, rod 1	1	
21	91701-05055-00	PIN, clevis	2	
22	90468-10050-00	CLIP	2	

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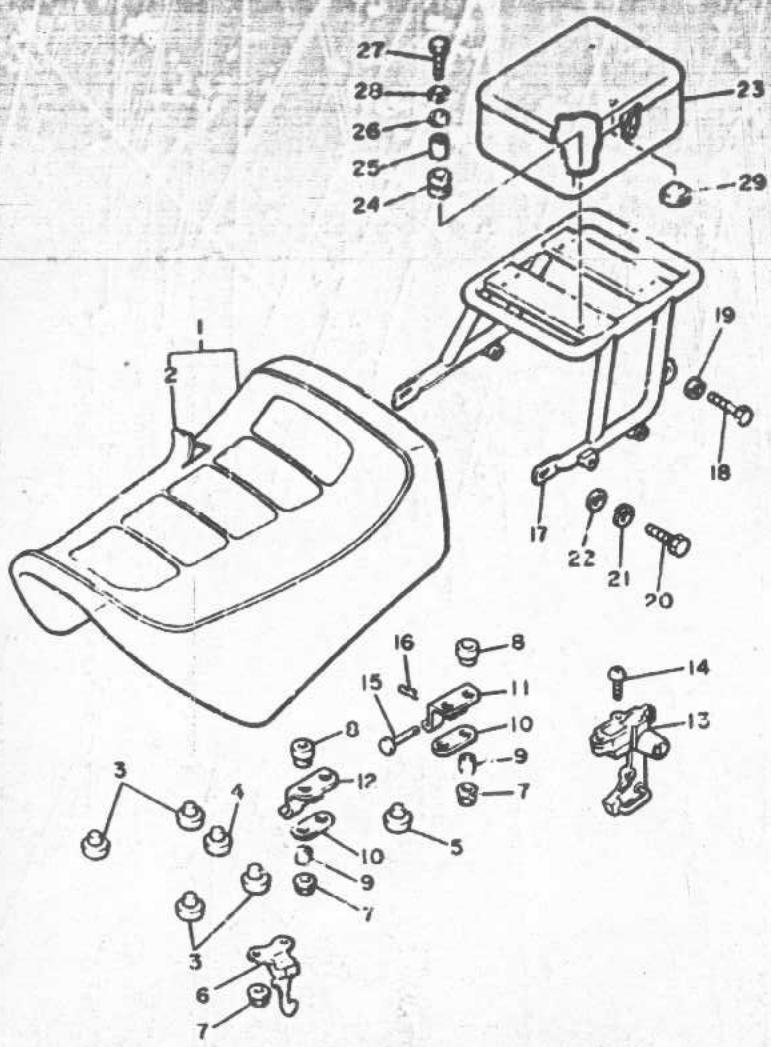
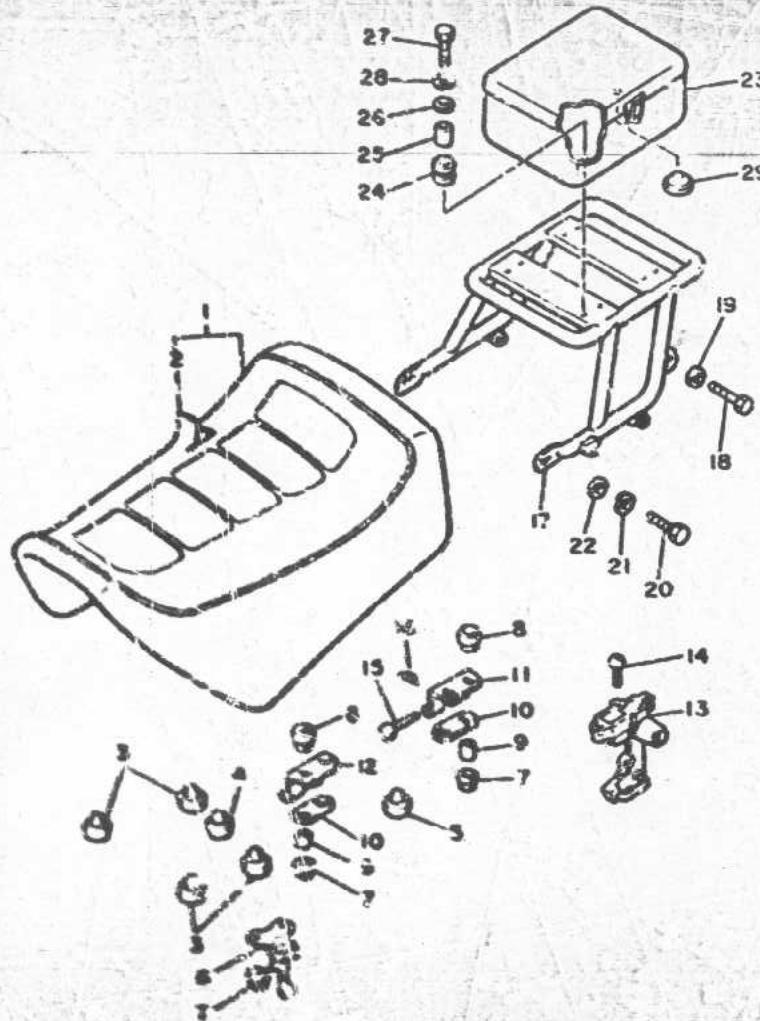


FIG. 28 SEAT CARRIER

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-142471-00	SINGLE SEAT ASSY	1	
2	24L-24711-00	COVER, single seat	1	
3	1L9-24741-00	PAD, seat	4	
4	371-27114-00	STOPPER, main stand	1	
5	1T4-24741-00	PAD, seat	1	
6	4K0-24726-00	BRACKET, seat	1	
7	957C2-06100	NUT, flange	6	
8	1L9-24723-00	DAMPER, seat	4	
9	90387-07390	COLLAR	4	
10	1L9-24716-00	WASHER, seat	2	
11	24L-24726-00	H.NGE, seat	1	
12	1J7-24726-00	HINGE, seat	1	
13	5G2-24705-00	SEAT LOCK ASSY	1	
14	98906-06016	SCREW, bind	3	
15	91701-05058	PIN, clevis	2	
16	90468-10050	CLIP	2	
17	24L-24884-01	STAY, document box	1	
18	97323-10025	BOLT	2	
19	92990-10600	WASHER, Plate	2	
20	97321-06016	BOLT	2	
21	92990-06100	WASHER, sPring	2	
22	92901-06600	WASHER, Plate	2	
23	1E5-92452-70-Y5	DOCUMENT BOX ASSY	1	Police white
24	90480-13163	GROMMET	3	
25	90387-07389	COLLAR	3	
26	90201-06062	WASHER, Plate	3	
27	97301-06020	BOLT	3	
28	92990-06100	WASHER, sPring	3	

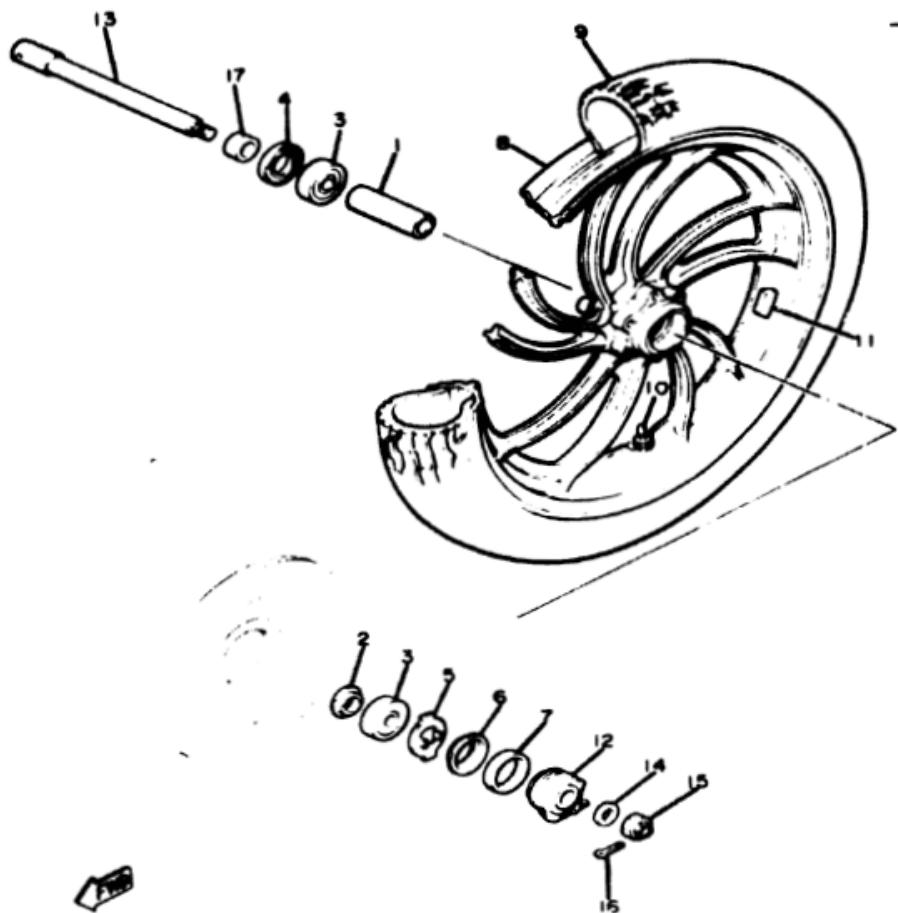
24L750-3280

FIG. 28 SEAT-CARRIER



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	371-62121-00	PAD, battery	2	

FRONT WHEEL

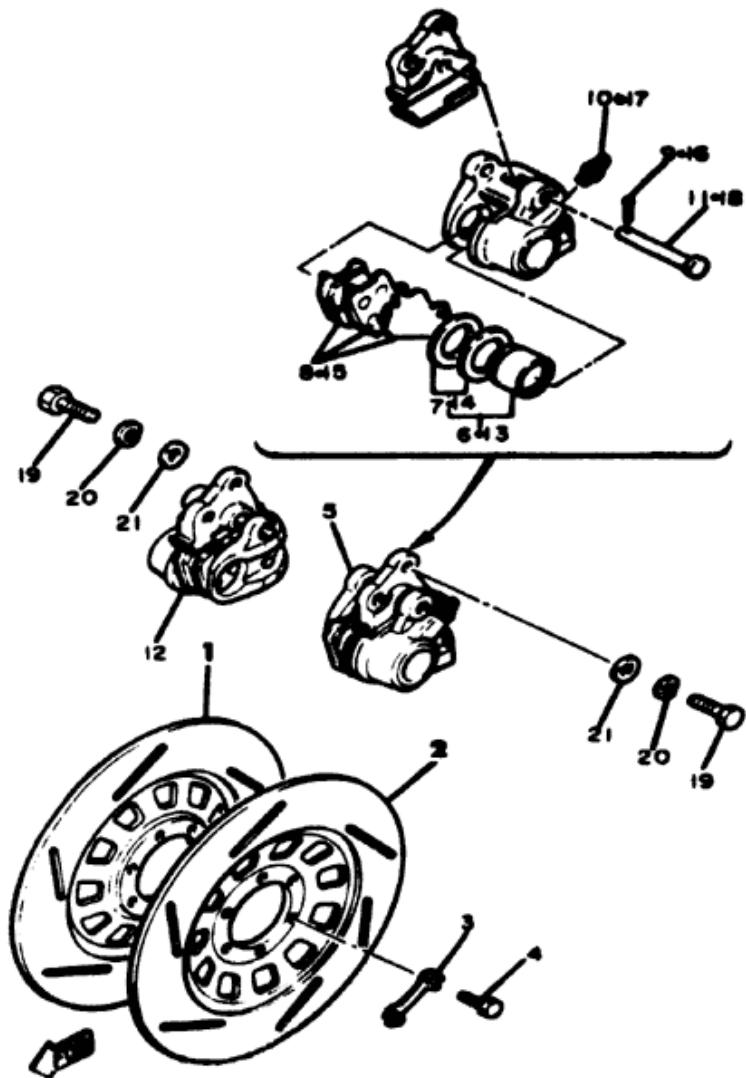


Ref. No.	Part Number	Description	Qty.	Remarks
1	90560-15116-00	SPACER	1	
2	146-25115-00-00	FLANGE, spacer 1	1	
3	93306-30203-00	BEARING (B6302Z)	2	
4	93102-22014-00	OIL SEAL	1	
5	341-25148-00-00	CLUTCH, meter	1	
6	341-25846-00-00	RETAINER, clutch	1	
7	93105-45017-00	OIL SEAL	1	
8	4H7-25168-29-98	CAST WHEEL, front (1.85-19) ..	1	Low Gloss Blk
9	94132-193M3-00	TIRE (3.25-19)(94132-19469) ..	1	Bridgestone
10	93900-00001-00	VALVE, rim	1	Bridgestone
11	1A1-25398-01-00	BALANCER, wheel (20G)	1	UN
	1A1-25398-00-00	BALANCER, wheel (10G)	1	UN
	2M0-25399-00-00	BALANCER, wheel (30G)	1	UN
12	4H7-25190-00-00	GEAR UNIT ASS'Y	1	
13	4H7-25181-01-00	AXLE, wheel (4H7-25181-00) ..	1	
14	92990-14200-00	WASHER, plain (92901-14200) ..	1	
15	90171-14020-00	NUT, castle	1	
16	91401-30030-00	PIN, cotter	1	
17	90387-15734-00	COLLAR	1	

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19 (1.6 kg/cm ²)	R:120/90-18 65H(2.0 kg/cm ²)
Front Axle Nut	14 x 1.50: 10.7 m-kg	
Front Axle Holder Nut	8 x 1.25: 2.0 m-kg	

SG2110-1310

FRONT BRAKE CALIPER

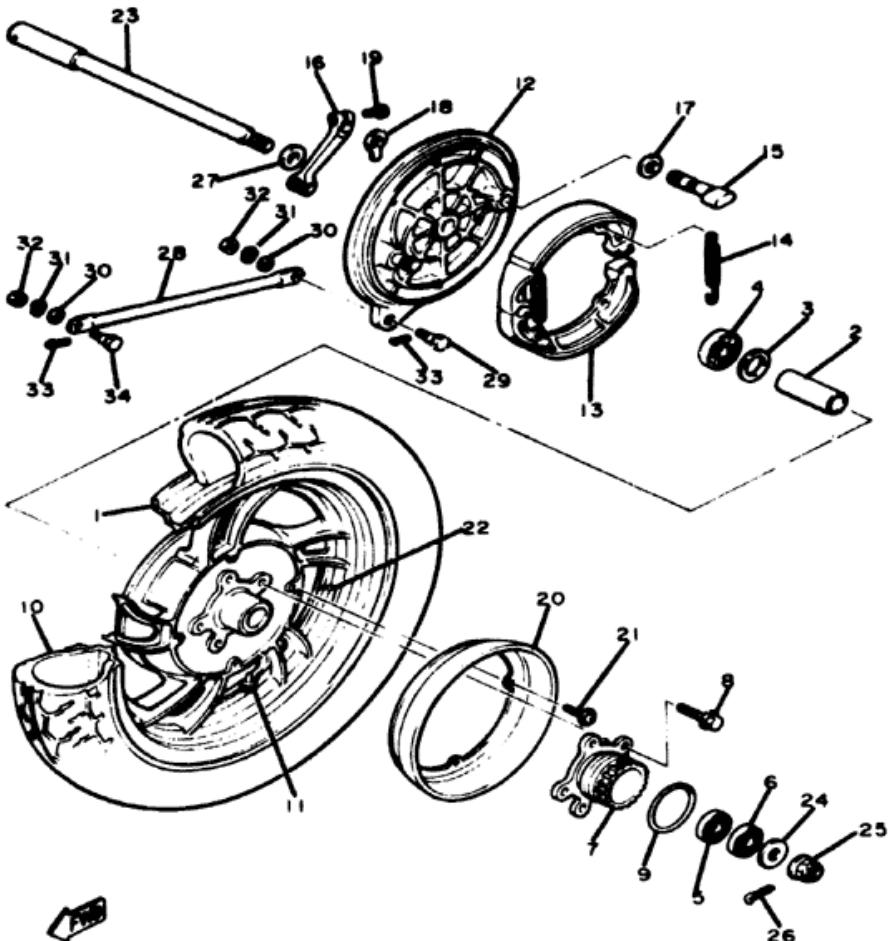


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-25831-00-00	DISC, brake	1	
2	5G2-25831-10-00	DISC, brake	1	
3	3H5-25834-00-00	WASHER, lock	6	
4	90101-08477-00	BOLT	1	
5	23W-25810-01-00	CALIPER ASS'Y (4L3-25810-20)	1	
6	4W1-W0057-00-00	. PISTON ASS'Y, caliper	1	
7	4L0-W0047-01-00	. . . CALIPER SEAL KIT	1	
8	4W1-W0045-20-00	. BRAKE PAD KIT, front	1	
9	91490-20015-00	. PIN, cotter	1	
10	1J3-W0048-00-00	. BLEED SCREW KIT	1	
11	4W1-25914-00-00	. PIN, slide	1	
*12	23W-25810-11-00	CALIPER ASS'Y (4L3-25810-30)	1	
13	4W1-W0057-00-00	. PISTON ASS'Y, caliper	1	
14	4L0-W0047-01-00	. . . CALIPER SEAL KIT	1	
15	4W1-W0045-30-00	. BRAKE PAD KIT, front	1	
16	91490-20015-00	. PIN, cotter	1	
17	1J3-W0048-00-00	. BLEED SCREW KIT	1	
18	4W1-25914-00-00	. PIN, slide	1	
19	90101-10500-00	BOLT	4	
20	92906-10100-00	WASHER, spring	4	
21	92906-10200-00	WASHER	4	

* Indicates new part numbers activated from March, 1988.

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19 (1.8 kg/cm ²)	R:120/90-18 65H(2.0 kg/cm ²)

REAR WHEEL

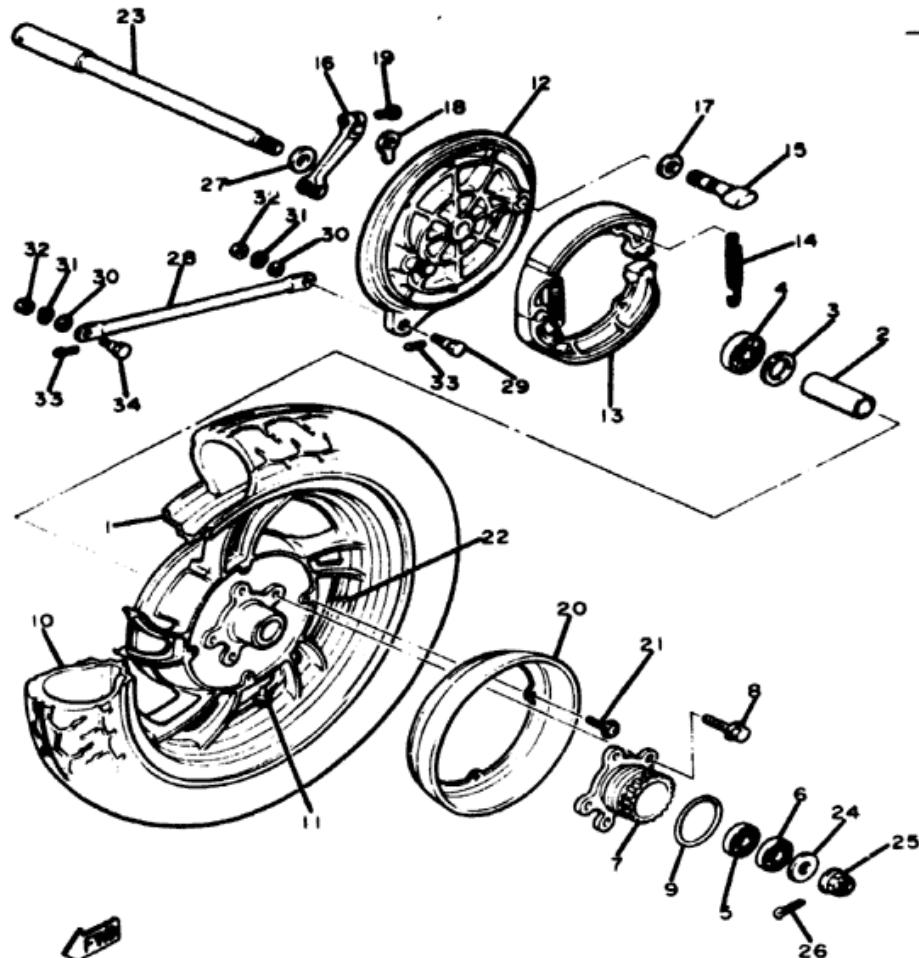


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-25338-29-98	CAST WHEEL, rear (5G2-25338-20-98)	1	Low Gloss Blk
2	90560-17125-00	SPACER	1	
3	1A1-25115-00-00	FLANGE, spacer (148-25315-00)	1	
4	93306-30306-00	BEARING (B6303)	1	
5	93306-20310-00	BEARING (B6203) (93306-20316)	1	
6	93306-20310-00	BEARING (B6203RS)	1	
7	4H7-25366-01-00	CLUTCH, hub	1	
8	90105-10200-00	BOLT, washer based	5	
9	93210-57428-00	O-RING	1	
10	94112-18470-00	TIRE (120/90-18)	1	Bridgestone
11	93900-00001-00	VALVE, rim	1	UR Bridgestone
12	4K0-25321-00-00	PLATLE, brake shoe	1	
13	5A8-W2536-00-00	BRAKE SHOE (5A8-25330-00)	1	
14	90507-20002-00	SPRING, tension	2	
15	4H7-25351-00-00	CAMSHAFT	1	
16	1L9-25355-00-00	LEVER, camshaft	1	
17	90201-14218-00	WASHER, plate (9C201-14577)	1	

Rear Axle Nut	14 x 1.50: 10.0 m-kg
Rear Axle Pinch Bolt	8 x 1.25: 0.6 m-kg
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19 (1.8 kg/cm ²) R:120/90-18 65H(2.0 kg/cm ²)

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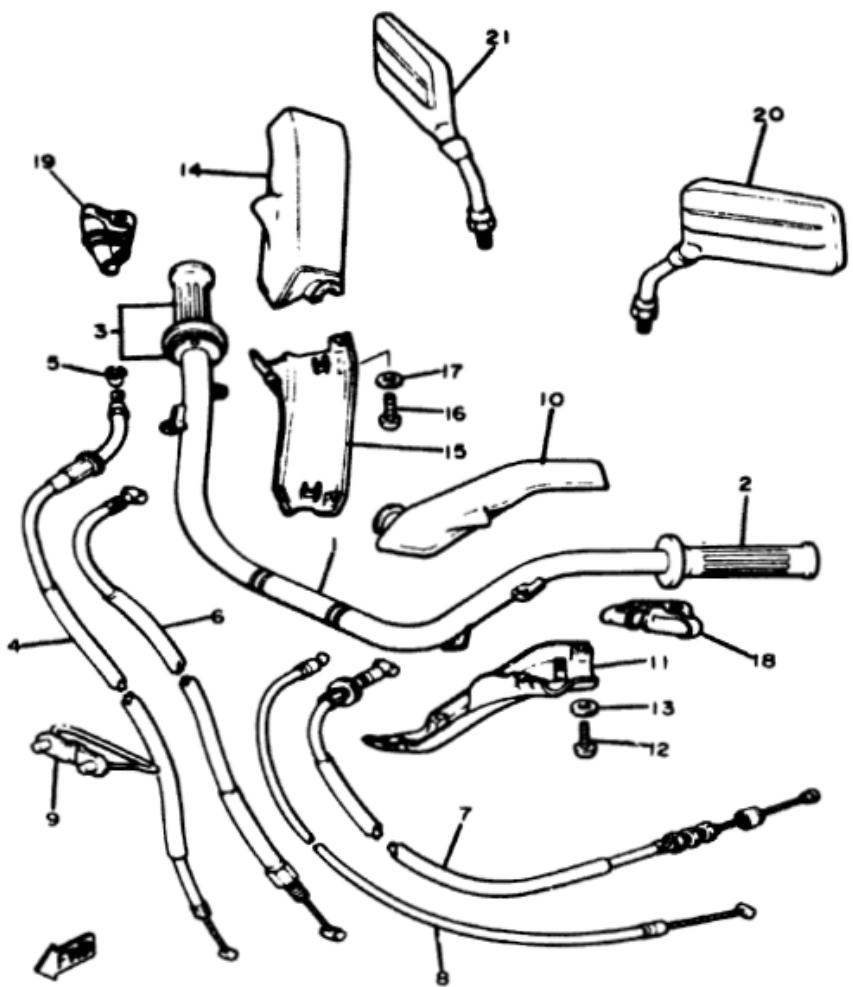
REAR WHEEL



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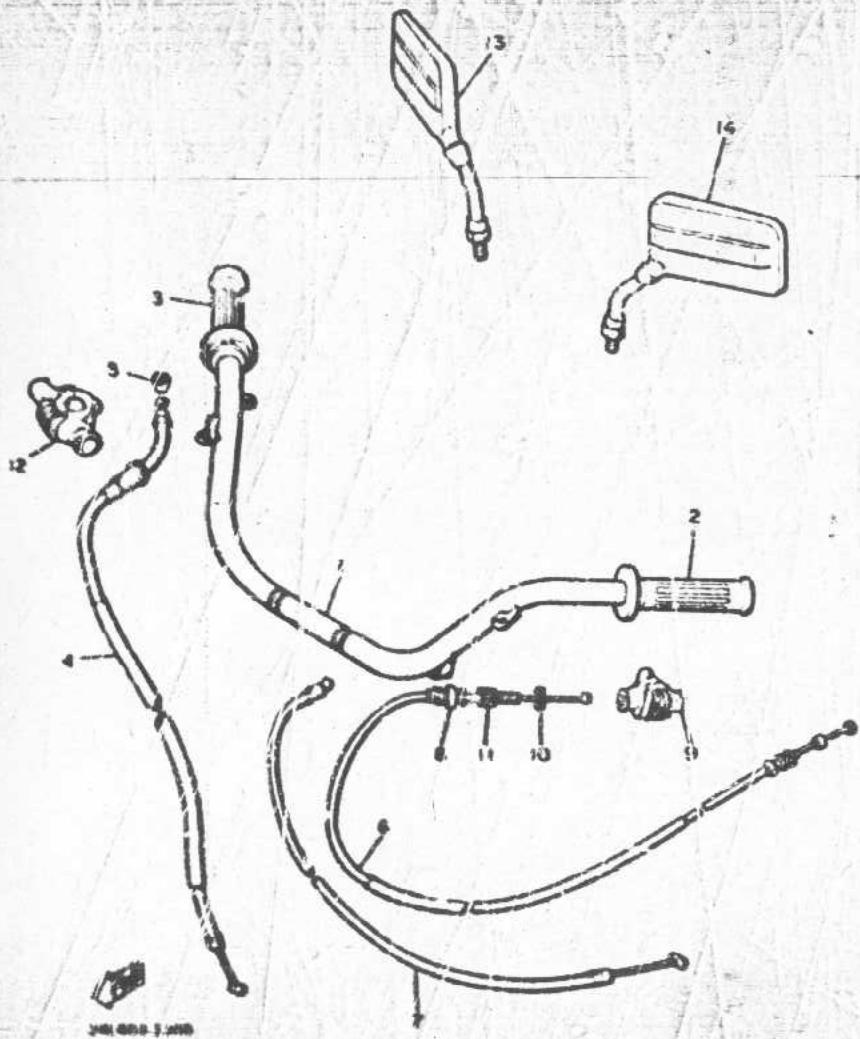
Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19 (1.8 kg/cm ²)	R:120/90-18 65H(2.0 kg/cm ²)
Rear Axle Nut	14 x 1.50: 10.0 m-kg	
Rear Axle Pinch Bolt	8 x 1.25: 0.6 m-kg	

HANDLEBAR - CABLE



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-26111-01-00	HANDLEBAR	1	
2	5G2-26241-10-00	GRIP (L.H.).....	1	
3	5G2-26240-10-00	GRIP ASS'Y.....	1	
4	5G2-26311-00-00	CABLE, throttle 1	1	
5	5H0-26393-00-00	HOLDER	1	
6	5G2-26341-01-00	CABLE, brake.....	1	
7	5G2-26335-00-00	CABLE, clutch	1	
8	5H1-26331-00-00	CABLE, starter 1 (5G2-26331-00)	1	
9	5G2-26399-01-00	GUIDE, cable	1	
10	5G2-26143-00-00	COVER, handlebar upper 1	1	
11	5G2-26144-00-00	COVER, handlebar lower 1	1	
12	98506-04018-00	SCREW, pan head.....	3	
13	92906-04600-00	WASHER, plate	3	
14	5G2-26145-00-00	COVER, handlebar upper 2	1	
15	5G2-26146-00-00	COVER, handlebar lower 2	1	
16	98506-04018-00	SCREW, pan head.....	3	
17	92906-04600-00	WASHER, plate	3	
18	5G2-26372-00-00	COVER, handle lever 1	1	
19	5G2-2637A-00-00	COVER, handle lever 2	1	
20	31A-26290-10-00	MIRROR ASS'Y (L.H) (5G2-26290-11)	1	
21	31A-26290-00-00	MIRROR ASS'Y (R.H) (5G2-26290-01)	1	

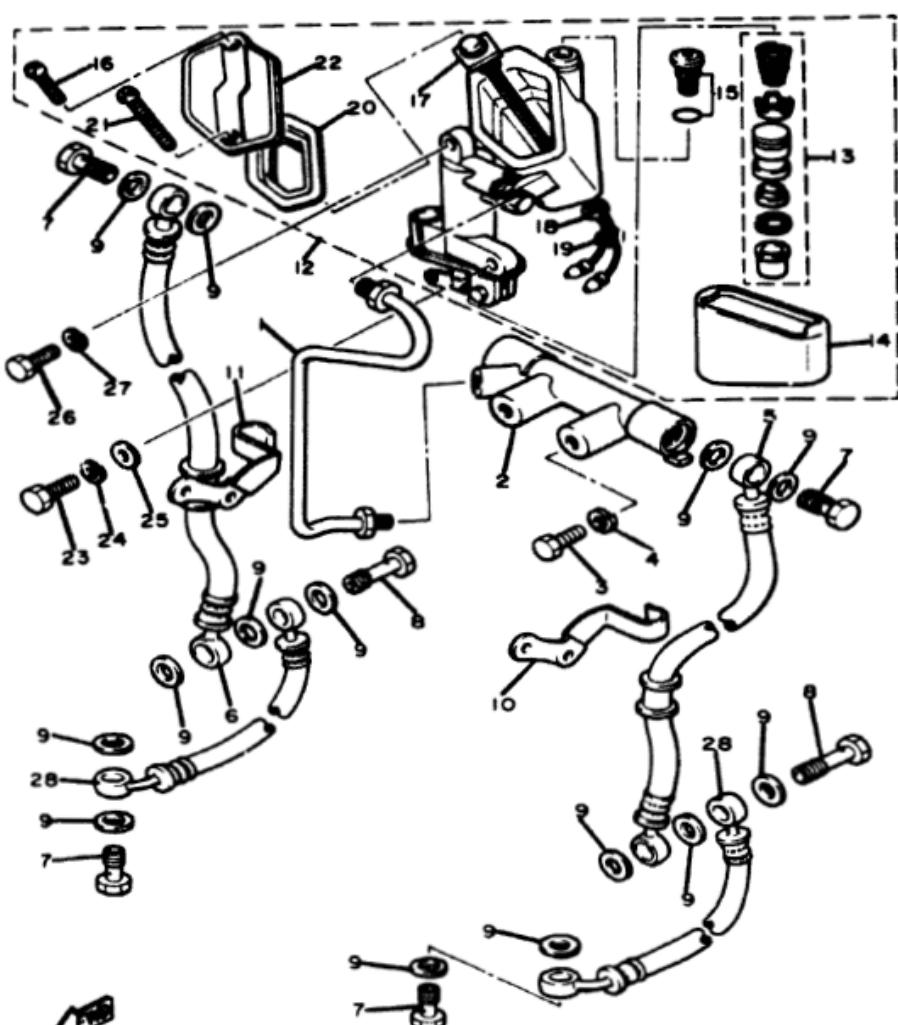
FIG. 327 STEERING HANDLE, CABLE



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-26111-10	HANDLEBAR	1	
2	5G2-26241-10	GRIP (L.H.)	1	
3	5G2-26240-10	GRIP ASSY	1	
4	24L-26311-00	CABLE, throttle 1	1	
5	584-26393-02	HOLDER	1	
6	5G2-26335-00	CABLE, clutch	1	
7	5G2-26331-00	CABLE, starter 1	1	
8	1E6-26342-00	BOOT, cable	1	
9	11H-26372-00	COVER, handle lever 1	1	
10	90179-08148	NUT	1	
11	90123-08046	BOLT	1	
12	1E6-26372-00	COVER, handle lever 1	1	
13	5G2-26290-01	BACK MIRROR ASSY (RIGHT)	1	
14	5G2-26290-11	BACK MIRROR ASSY (LEFT)	1	

E7

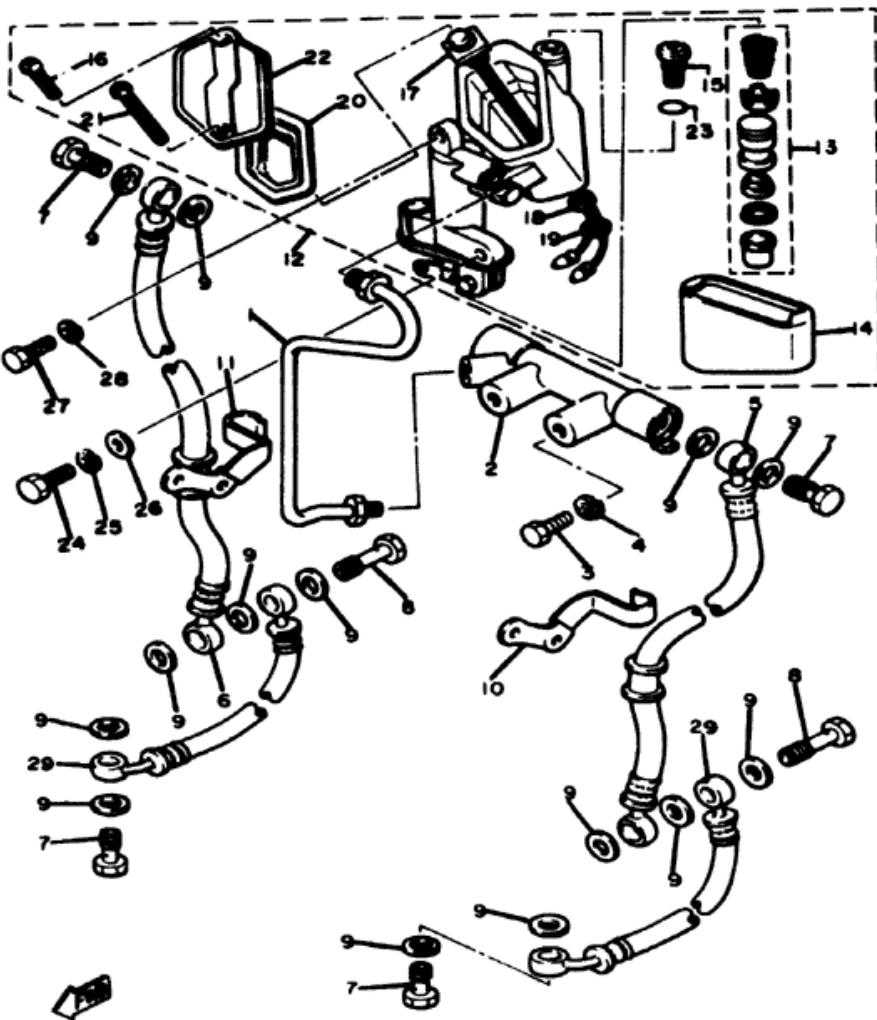
FRONT MASTER CYLINDER



5G2110-1350

Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-25871-02-00	PIPE, brake	1	
2	5G2-25885-00-00	JOINT	1	
3	97016-06020-00	BOLT (97306-06020)	2	
4	92906-06100-00	WASHER, spring	2	
5	5G2-25872-01-00	HOSE, brake 1	1	
6	5G2-25873-01-00	HOSE, brake 2	1	
7	90401-10034-00	BOLT, union	4	
8	90401-10044-00	BOLT, union	2	
9	90201-10118-00	WASHER, plate	14	
10	4E2-25875-00-00	HOLDER, brake hose 1	1	
11	4E2-25876-00-00	HOLDER, brake hose 2	1	
12	5G2-25850-01-00	MASTER CYLINDER ASS'Y	1	
13	5G2-W0041-00-00	CYLINDER KIT, master	1	
14	5G2-25862-00-00	BOOT, master cylinder	1	

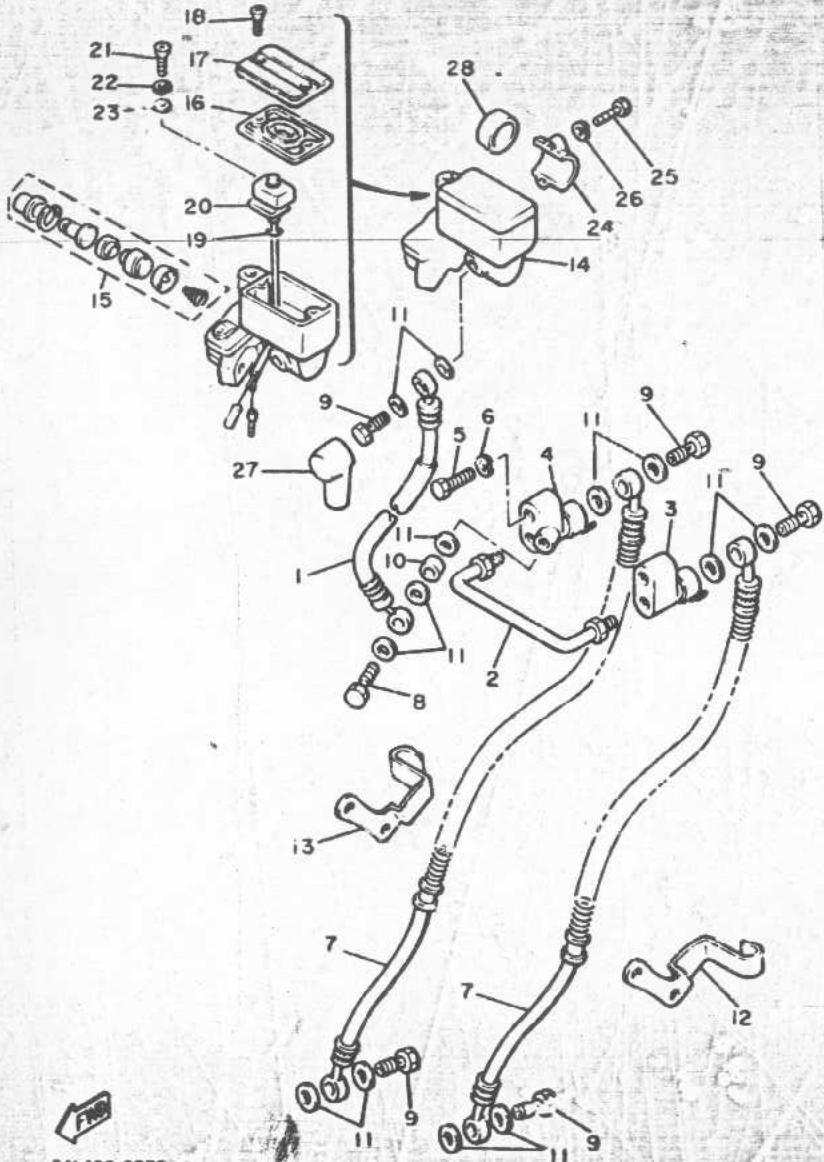
FRONT MASTER CYLINDER



5G2110-1360

Ref. No.	Part Number	Description	Qty.	Remarks
15	90340-10074-00	. PLUG, straight screw	1	
16	90154-05009-00	. SCREW, binding	1	
17	5G2-85702-00-00	. LEAD SWITCH ASS'Y	1	
18	93210-08493-00	. O-RING	2	
19	5G2-25864-10-00	. CIRCLIP	1	
20	99001-09600-00	. DIAPHRAGM, reservoir (5G2-25854-00)	1	
21	90154-05010-00	. SCREW, binding	1	
22	5G2-25852-00-00	. CAP, reservoir	1	
23	93210-08493-00	. O-RING	1	
24	97016-08025-00	BOLT (97316-08025)	1	
25	92906-08100-00	WASHER, spring	1	
26	92906-08600-00	WASHER, plate	1	
27	97026-06012-00	BOLT (97306-06012)	1	
28	92906-06100-00	WASHER, spring	1	
29	5G2-25874-00-00	HOSE, brake	2	

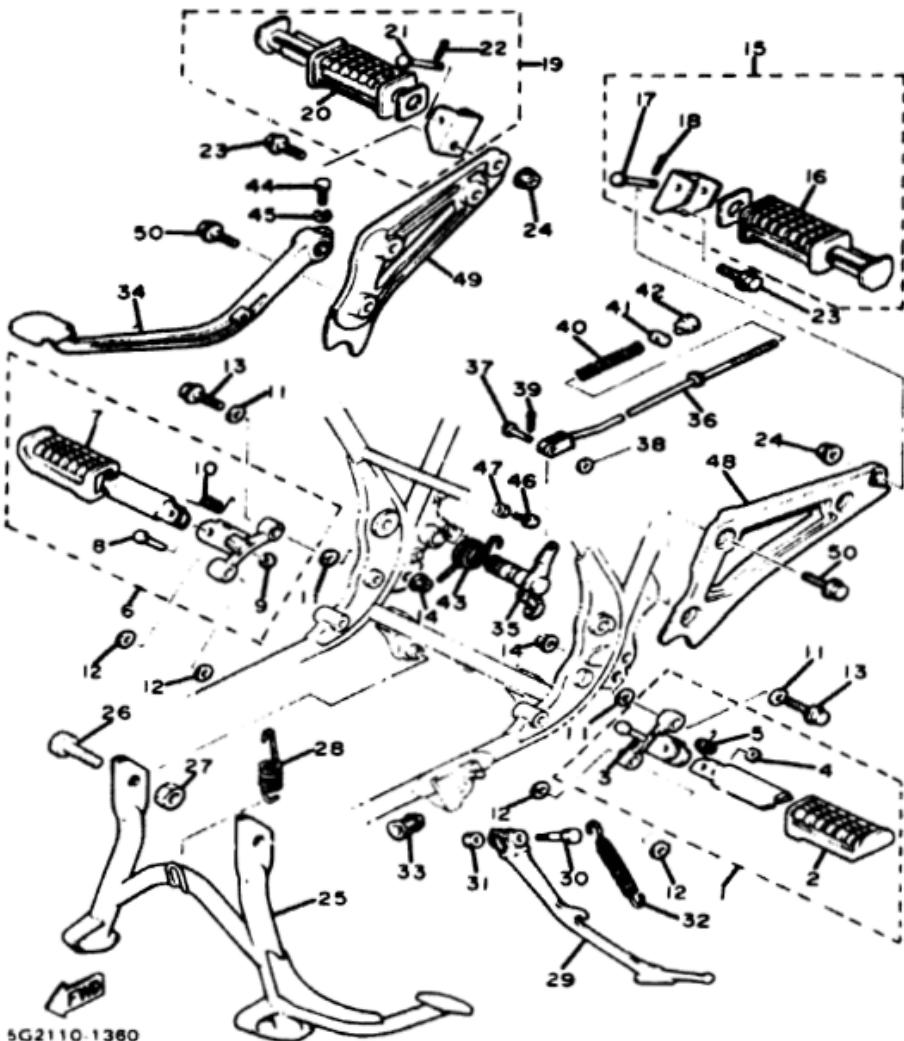
FIG. 33 FRONT MASTER CYLINDER



24L400-3370

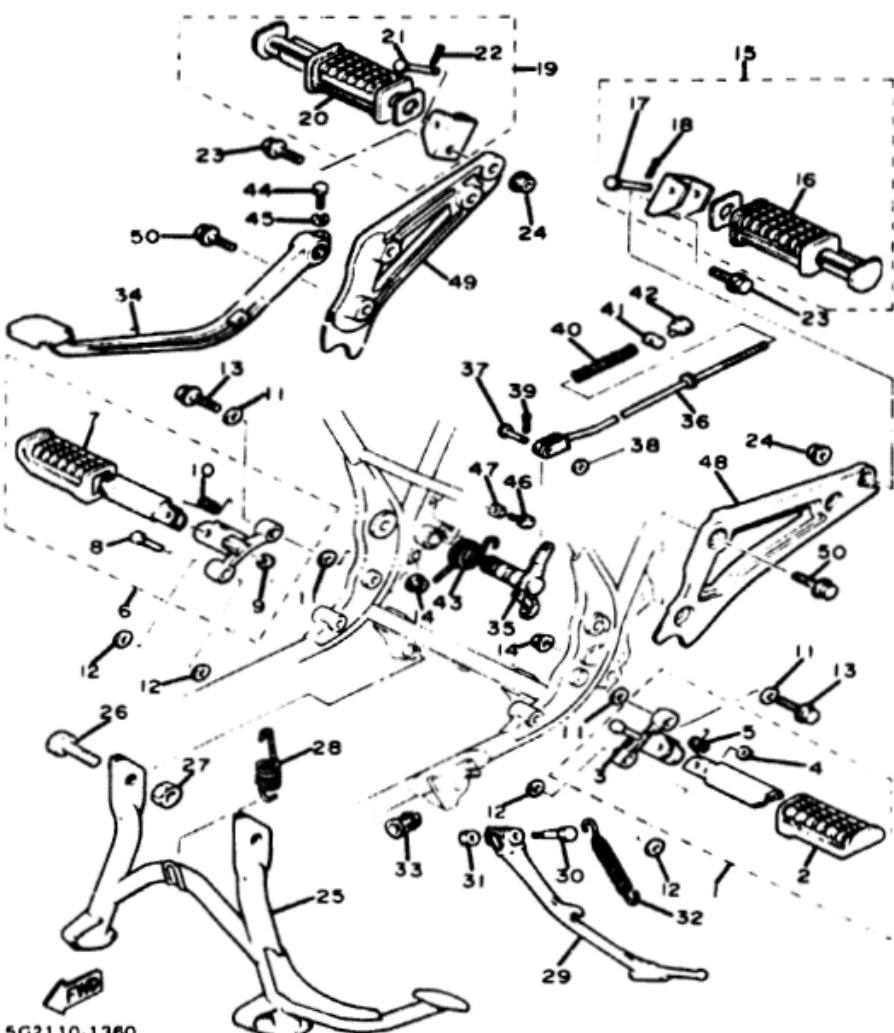
REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-25872-00	HOSE, brake 1	1	
2	5G2-25882-00	PIPE, Brake 2	1	
3	5G2-25931-00	JOINT 1	1	
4	24L-25932-00	JOINT 2	1	
5	97306-08016	BOLT	2	
6	92906 08100	WASHER, spring	2	
7	24L-25873-00	HOSE, brake 2	2	
8	90401-10344	BOLT, union	1	
9	90401-10034	BOLT, union	5	
10	24L-25899-00	SPACER, union	1	
11	90201-10118	WASHER, Plate	13	
12	4E2-25875-00	HOLDER, brake hose 1	1	
13	4E2-25876-00	HOLDER, brake hose 2	1	
14	16G-25850-00	MASTER CYLINDER ASSY	1	
15	4K0-W2041-50	CYLINDER KIT, master	1	
16	4K0-25354-00	DIAPHRAGM, reservoir	1	
17	4K0-25852-00	CAP, reservoir	1	
18	98706-04012	SCREW, flat head	2	
19	93210-08493	O-RING	1	
20	16G-85702-00	LEAD SWITCH ASSY	1	
21	98511-04012	SCREW, Pan head	1	
22	92901-04100	WASHER, spring	1	
23	92901-04600	WASHER, Plate	1	
24	4L0-25867-00	BRACKET, master cylinder	1	
25	97326-06025	BOLT	2	
26	92906-06100	WASHER, spring	2	
27	4L0-25862-00	BOOT, master cylinder	1	
28	90387-22660	COLLAR	1	

STAND • FOOTREST



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-27410-00-R4	FRONT FOOTREST ASS'Y (L.H.)	1	Black
2	5G2-27413-00-00	. COVER, footrest.....	1	
3	90243-08006-00	. PIN	1	
4	90201-06042-00	. WASHER, plate	1	
5	90508-20023-00	. SPRING, torsion.....	1	
6	5G2-27420-00-R4	FRONT FOOTREST ASS'Y (R.H.)	1	Black
7	5G2-27413-00-00	. COVER, footrest.....	1	
8	90243-08006-00	. PIN	1	
9	90201-06042-00	. WASHER, plate	1	
10	90508-20023-00	. SPRING, torsion.....	1	
11	90201-100E9-00	WASHER, plate	4	
12	90201-120E6-00	WASHER, plate	4	
13	95821-10040-00	BOLT, flange.....	2	
14	95701-10500-00	NUT, flange	2	
15	5G2-27430-00-00	REAR FOOTREST ASS'Y 1	1	
16	5G2-27433-00-00	. COVER, rear footrest.....	1	
17	90240-06042-00	. PIN, clevis.....	1	
18	91401-16015-00	. PIN, cotter (91401-16012)....	1	
19	5G2-27440-00-00	REAR FOOTREST ASS'Y 2	1	
20	5G2-27433-00-00	. COVER, rear footrest.....	1	
21	90240-06042-00	. PIN, clevis.....	1	
22	91401-16015-00	. PIN, cotter (91401-16012)....	1	
23	95821-10035-00	BOLT, flange.....	2	
24	90179-10247-00	NUT.....	2	
25	11M-27111-00-R4	STAND, main.....	1	Black

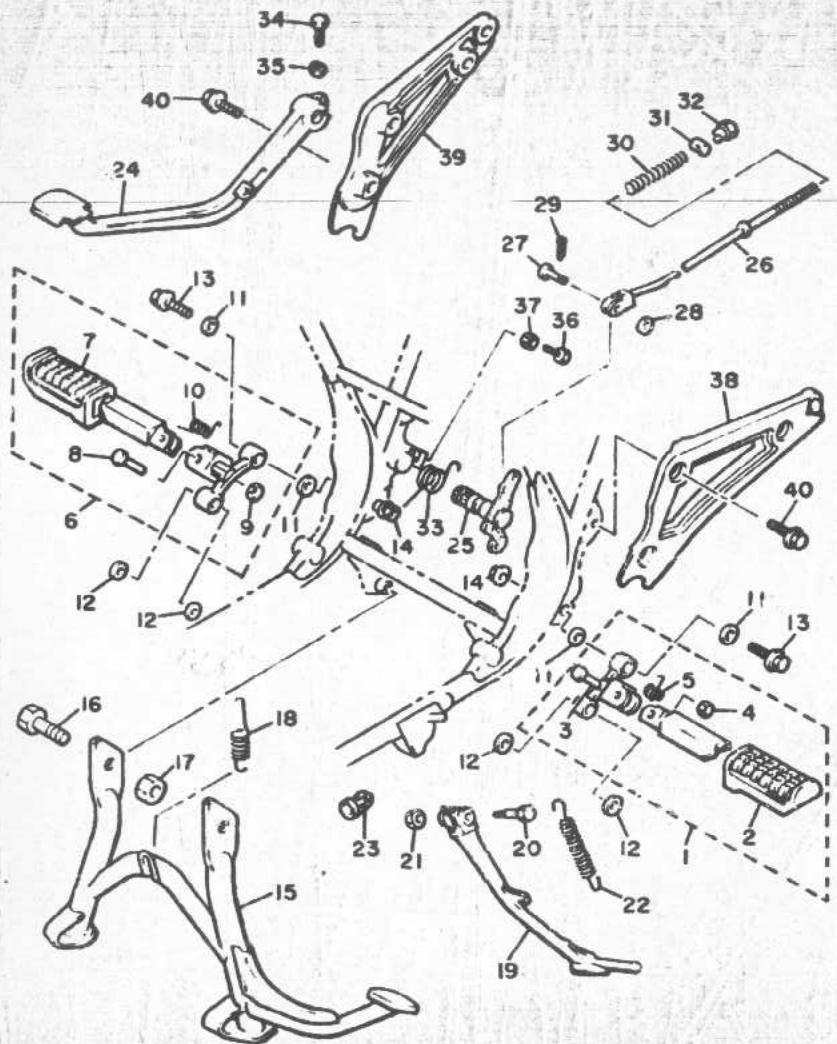
STAND • FOOTREST



Ref. No.	Part Number	Description	Qty.	Remarks
26	90109-10606-00	BOLT	2	
27	90185-10060-00	NUT, self-locking.....	2	
28	90506-40256-00	SPRING, tension.....	1	
29	5G2-27311-00-R4	STAND, side.....	1	Black
30	90109-10590-00	BOLT	1	
31	95303-10700-00	NUT (95301-10700)	1	
32	90507-29033-00	SPRING, tension.....	1	
33	5G2-27351-00-00	GUIDE, side stand.....	1	
34	5G2-27211-00-00	PEDAL, brake.....	1	
35	5G2-27212-00-00	SHAFT, brake pedal	1	
36	5G2-27231-00-00	ROD, brake.....	1	
37	90240-08067-00	PIN, clevis	1	
38	90201-08083-00	WASHER, plate.....	1	
39	91401-20015-00	PIN, cotter	1	
40	90501-10245-00	SPRING, compression	1	
41	90249-12008-00	PIN	1	
42	90179-06176-00	NUT.....	1	
43	90506-23046-00	SPRING, tension.....	1	
44	90109-06468-00	BOLT	1	
45	92990-06100-00	WASHER, spring (92903-06100)	1	
46	90153-06008-00	SCREW, hexagon	1	
47	90170-06184-00	NUT.....	1	
48	5G2-27442-10-00	BRACKET 2	1	
49	5G2-27443-10-00	BRACKET 3	1	
50	91316-10030-00	BOLT	4	

F1

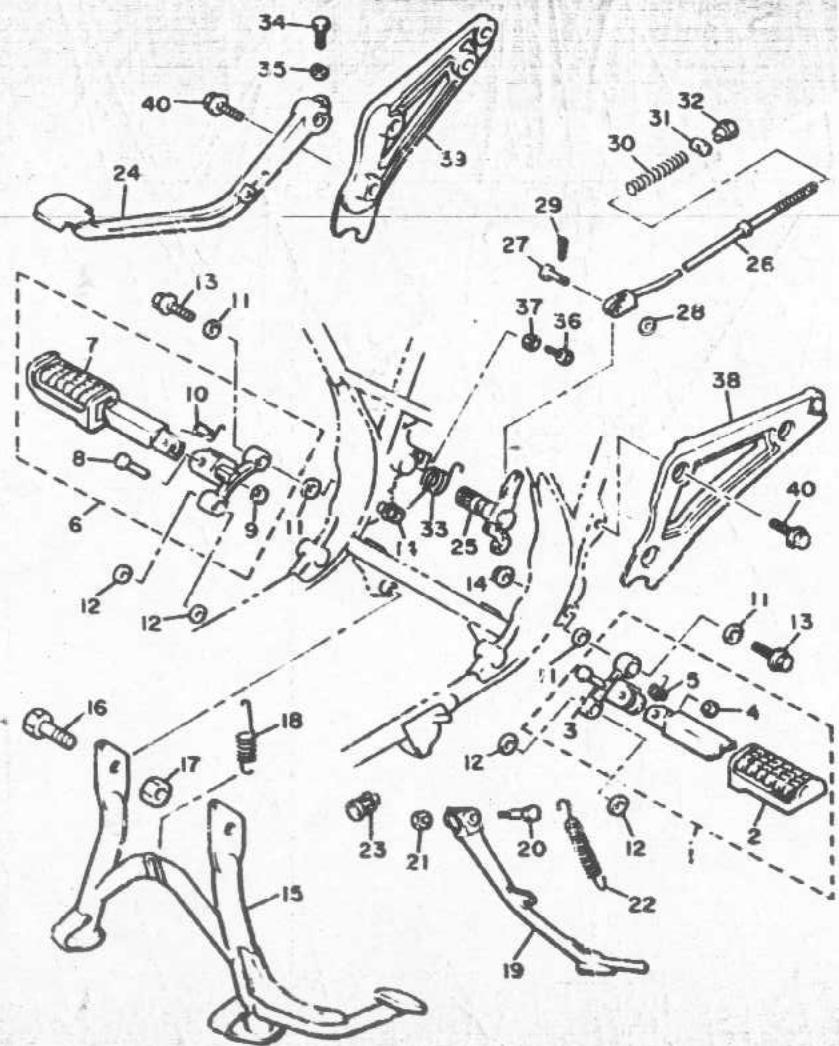
FIG. 34 STAND-FOOTREST



24L40C-3380

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	5G2-27410-00-R4	FRONT FOOTREST ASSY (L+H)	1	black
2	5G2-27413-00	•COVER, footrest	1	
3	90243-08008	•PIN	1	
4	90201-06042	•WASHER, Plate	1	
5	90508-20023	•SPRING, torsion	1	
6	5G2-27420-00-R4	FRONT FOOTREST ASSY (R+H)	1	black
7	5G2-27413-00	•COVER, footrest	1	
8	90243-08008	•PIN	1	
9	90201-06042	•WASHER, Plate	1	
10	90508-20023	•SPRING, torsion	1	
11	90201-100E9	WASHER, Plate	4	
12	90201-120E6	WASHER, Plate	4	
13	95821-10C40	BOLT, flange	2	
14	95701-10500	NUT, flange	2	
15	11M-27111-00-R4	STAND, main	1	black
16	90109-10606	BOLT	2	
17	90185-10060	NUT, self-locking	2	
18	90506-40256	SPRING, tension	1	
19	5G2-27311-00-R4	STAND, side	1	black
20	90109-10590	BOLT	1	
21	95301-10700	NUT	1	
22	90507-29033	SPRING, tension	1	
23	5G2-27351-00	GUIDE, side stand	1	
24	5G2-27211-00	PEDAL, brake	1	
25	5G2-27212-00	SHAFT, brake Pedal	1	
26	5G2-27231-00	ROD, brake	1	
27	90240-08087	PIN, clevis	1	
28	90201-08083	WASHER, Plate	1	

FIG. 34. STAND, FOOTREST

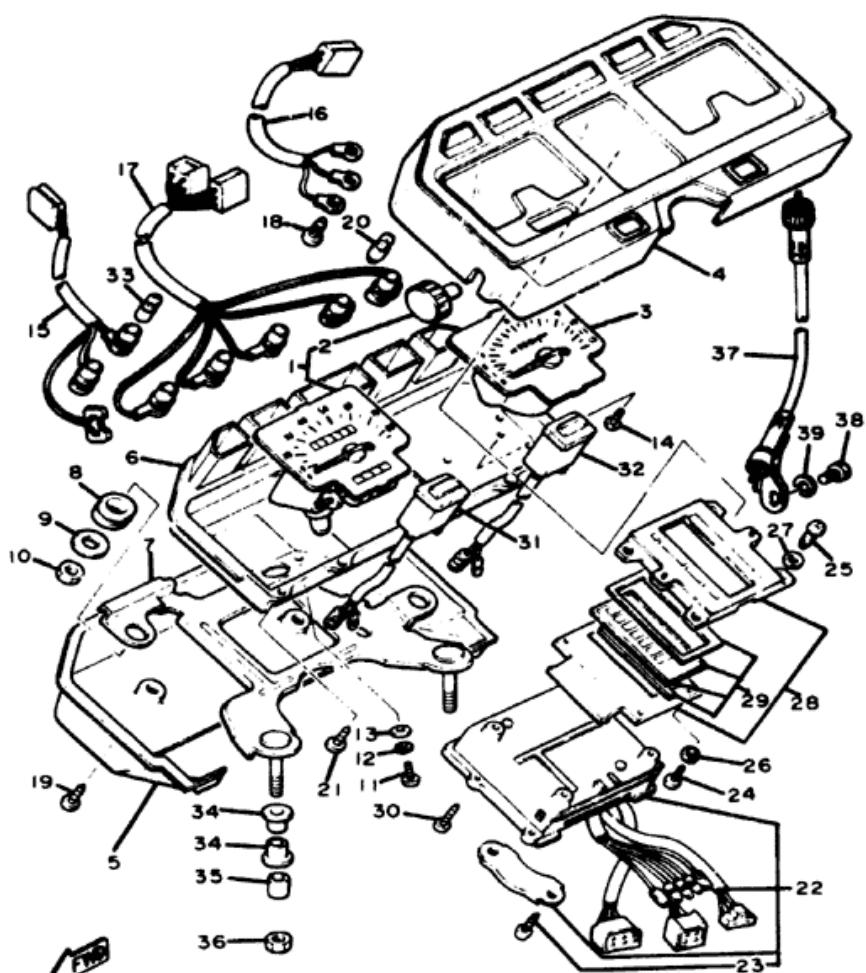


REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	91401-20015	PIN, cotter	1	
30	90501-10245	SPRING, compression	1	
31	90249-12008	PIN	1	
32	90179-06176	NUT	1	
33	90506-23046	SPRING, tension	1	
34	90109-06468	BOLT	1	
35	92990-06100	WASHER, spring	1	
36	90153-06008	SCREW, hexagon	1	
37	90170-08184	NUT	1	
38	5G2-27442-00	BRACKET 2	1	
39	5G2-27443-00	BRACKET 3	1	
40	91316-10030	BOLT	4	

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E10

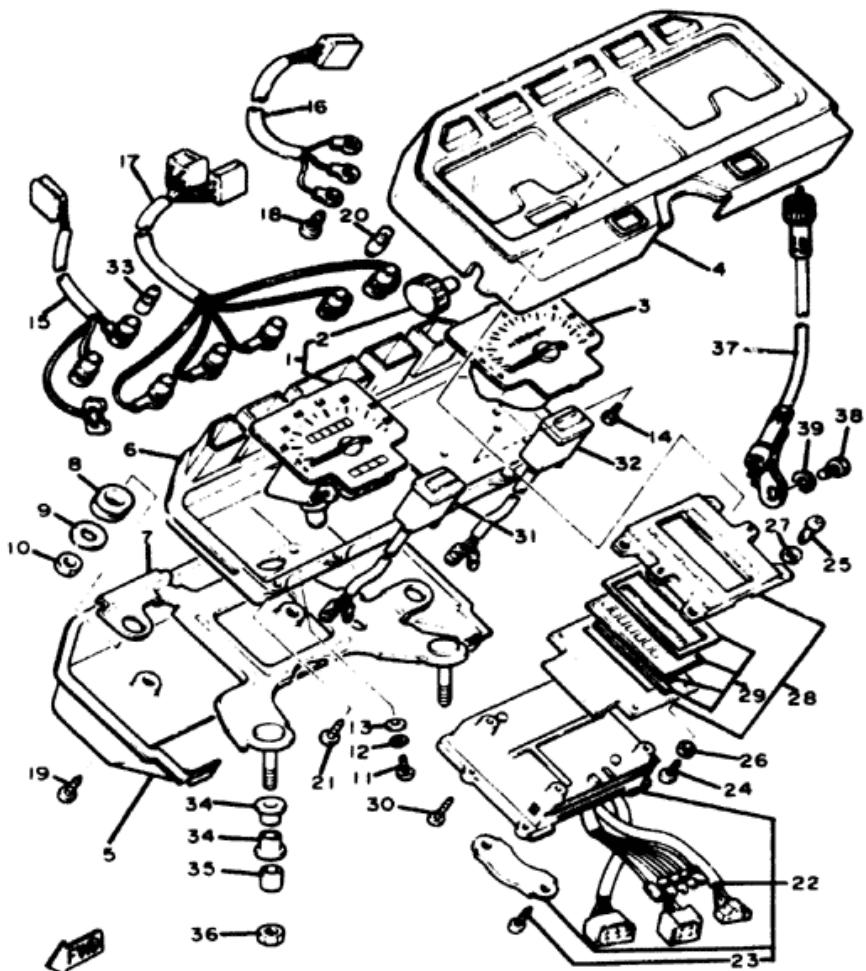
METER



5G2110-2380

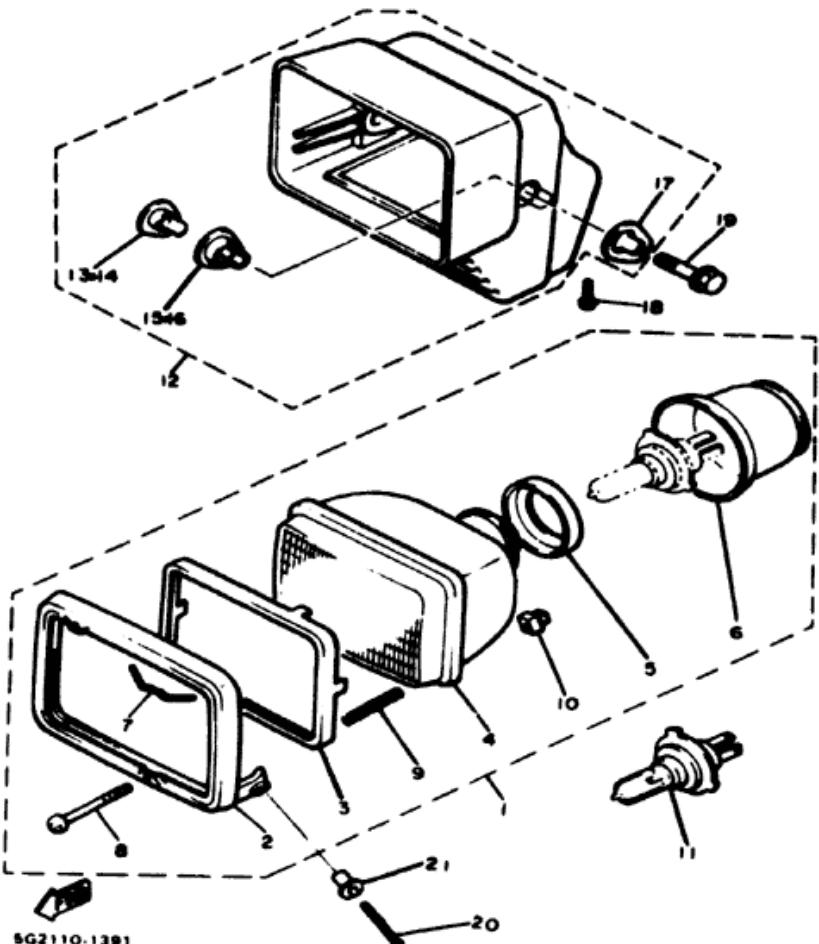
Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-83570-A0-00	SPEEDOMETER ASS'Y	1	
2	4U8-83578-00-00	KNOB, trip meter (4K0-83578-00)	1	
3	5G8-83540-00-00	TACHOMETER ASS'Y (5G2-83540-00)	1	
4	5G2-83559-00-00	COVER, meter	1	
5	5G2-83579-00-00	COVER, meter 2	1	
6	5G2-8353H-00-00	CASE, inner	1	
7	5G2-83519-00-00	BRACKET, meter	1	
8	5G2-83523-00-00	DAMPER	3	
9	90201-065F3-00	WASHER, special (90201-06557)	3	
10	95303-06700-00	NUT (95301-06700)	3	
11	98501-04008-00	SCREW, pan head	2	
12	92901-04100-00	WASHER, spring	2	
13	92901-04600-00	WASHER, plate	2	
14	90159-04043-00	SCREW, w/washer	2	
15	4U8-83520-00-00	SOCKET CORD ASS'Y (5G2-83520-20)	1	
16	15R-83520-10-00	CORD ASS'Y (5G2-83520-10) . .	1	
17	5G2-83509-00-00	SOCKET, CORD ASS'Y	1	
18	90159-03044-00	SCREW, w/washer	3	
19	90164-04006-00	SCREW, tapping	6	
20	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	6	

METER



Ref. No.	Part Number	Description	Qty.	Remarks
21	90164-04006-00	SCREW, tapping	4	
22	5G2-W8352-00-00	PRINT BOARD ASS'Y	1	
23	97701-40508-00	. SCREW, tapping (97701-40508)	2	
24	97702-30510-00	SCREW, tapping	5	
25	97702-40612-00	SCREW, tapping	4	
26	92902-03600-00	WASHER	5	
27	92901-04600-00	WASHER, plate	4	
28	5G2-W8353-00-00	LCD UNIT HOLDER SET	1	
29	5G2-W8351-01-00	LCD UNIT SET (5G2-W8351-00)	1	
30	90164-04006-00	SCREW, tapping	4	
31	5G2-8358J-10-00	SWITCH, meter control	1	
32	5G2-8358J-10-00	SWITCH, meter control (5G2-8358J-20)	1	
33	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	1	
34	584-P3541-00-00	DAMPER	4	
35	90387-06249-00	COLLAR	2	
36	95303-06600-00	NUT (95301-06600)	2	
37	5K5-83550-00-00	SPEEDOMETER CABLE ASS'Y ..	1	
38	90153-06004-00	SCREW, hexagon	1	
39	92990-06100-00	WASHER, spring (92903-06100)	1	

HEADLIGHT

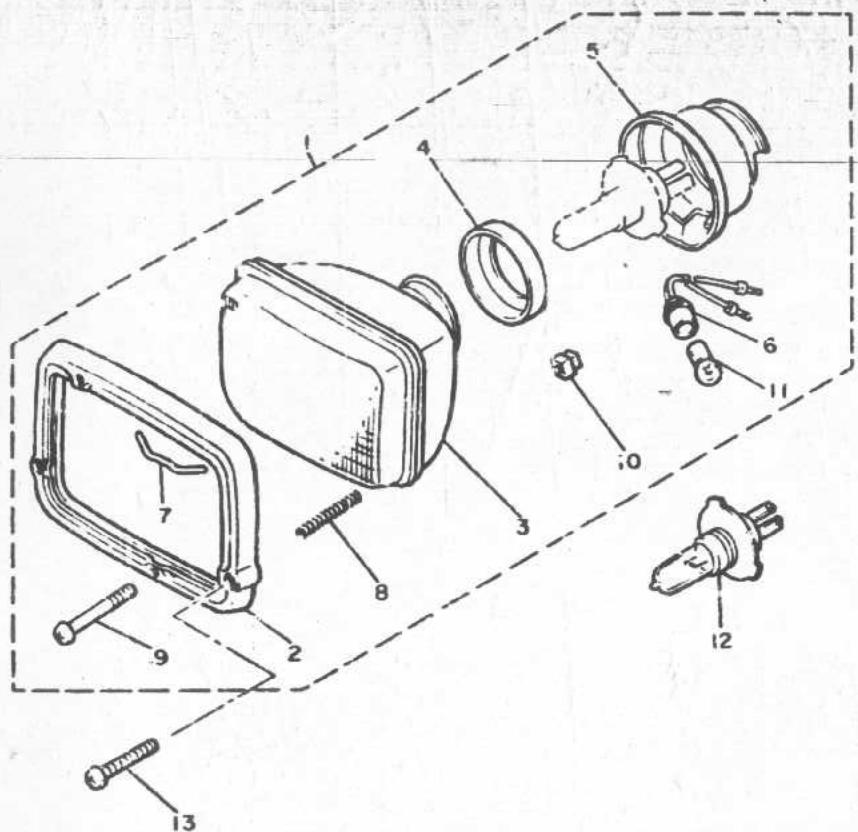


Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-84303-A0-00	HEADLIGHT UNIT ASS'Y	1	
2	5G2-84315-00-00	. RIM, headlight	1	
3	5G2-84395-00-00	. RING, retaining	1	
4	5G2-84321-A0-00	. LENS, headlight	1	
5	2F9-84375-00-00	. FITTING PLATE, bulb	1	
6	2F9-84397-01-00	. COVER, socket	1	
7	5G2-84324-A0-00	. SPRING, reflector	1	
8	98580-04055-00	. SCREW, rim adjusting (2F9-84331-00)	2	
9	341-84332-60-00	. SPRING, screw	2	
10	198-84334-60-00	. NUT, adjusting	2	
11	5V2-84314-00-XX	BULB (12V-60/55W) (2F9-84314-00)	1	
12	5G2-84330-00-00	BODY ASS'Y	1	
13	5G2-84388-00-00	. COLLAR 1	1	
14	5G2-84398-00-00	. COLLAR 2	1	
15	5G2-84366-00-00	. DAMPER, headlight 1	1	
16	5G2-84367-00-U0	. DAMPER, headlight 2	1	
17	5G2-84368-00-00	. DAMPER 3	2	
18	97706-40512-00	SCREW, tapping	2	
19	90105-08172-00	BOLT, washer based	2	
20	98506-05012-00	SCREW, pan head	2	
21	5G2-84333-00-00	COLLAR	2	

Headlight / Taillight / Signal Rating

12V60-55W / 12V27-8W / 12V27W

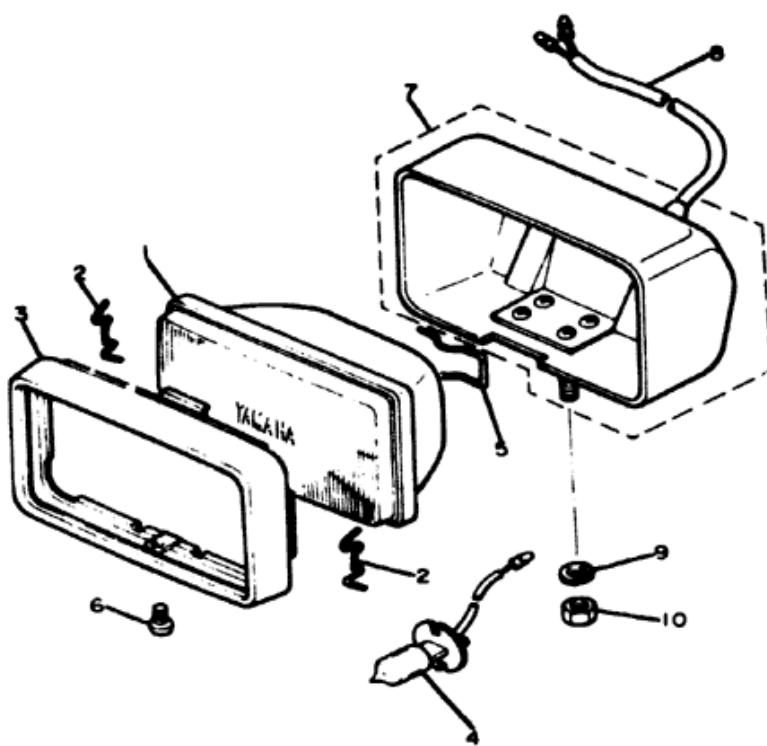
FIG. 42 HEADLIGHT



REF.	NO. PART NO.	DESCRIPTION	Q'TY	REMARKS
1	31A-84303-E0	HEADLIGHT UNIT ASSY	1	
2	31A-84315-00	RIM, headlight	1	
3	11U-84321-E0	LENS, headlight	1	
4	2F9-84375-00	FITTING PLATE, bulb	1	
5	2F9-84397-01	COVER, socket	1	
6	457-84146-85	SOCKET, Pilot light	1	
7	5G2-84324-A0	SPRING, reflector	1	
8	5G2-84332-60	SPRING, screw	2	
9	10W-84331-00	SCREW, rim adjusting	2	
10	198-84334-60	NUT, adjusting	2	
11	123-83516-21	BULB (12V-3.4W)	1	
12	*	BULB (12V-60/55W)	1	LM
13	92780-06530	SCREW, flat head	2	

31A310-3430

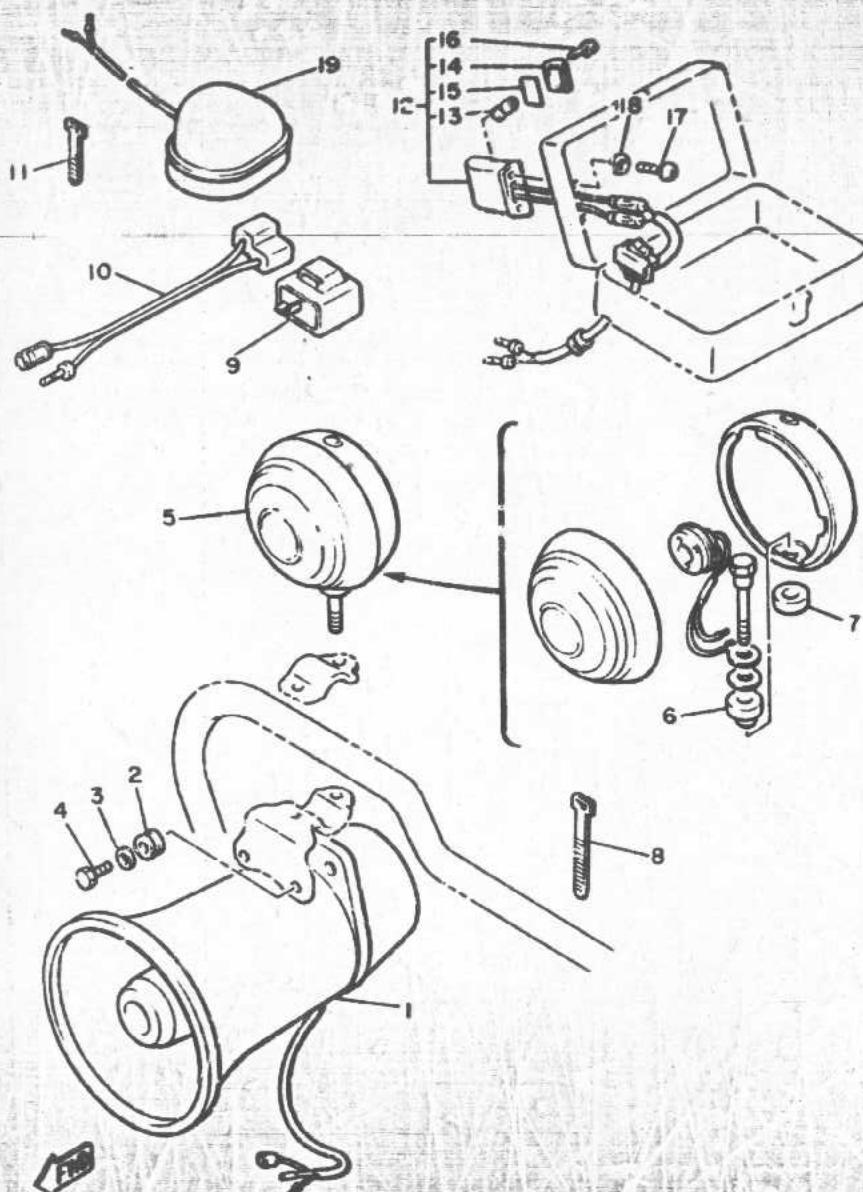
AUXILIARY LIGHT



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-85462-00-00	LENS ASS'Y, aux. light	1	
2	5G2-85433-00-00	SPRING, set.....	2	
3	5G2-85457-00-00	RIM	1	
4	5G2-85458-00-00	BULB (12V-35W Halogen).....	1	
5	5G2-85434-00-00	SPRING, set.....	1	
6	5G2-84325-00-00	SCREW, rim fitting	1	
7	5G2-85455-00-00	BODY ASS'Y	1	
8	5G2-84348-00-00	WIRE, lead 1	1	
9	92902-08100-00	WASHER, spring (92902-08100)	1	
10	95303-08600-00	NUT (95301-08600)	1	

5G2110-1400

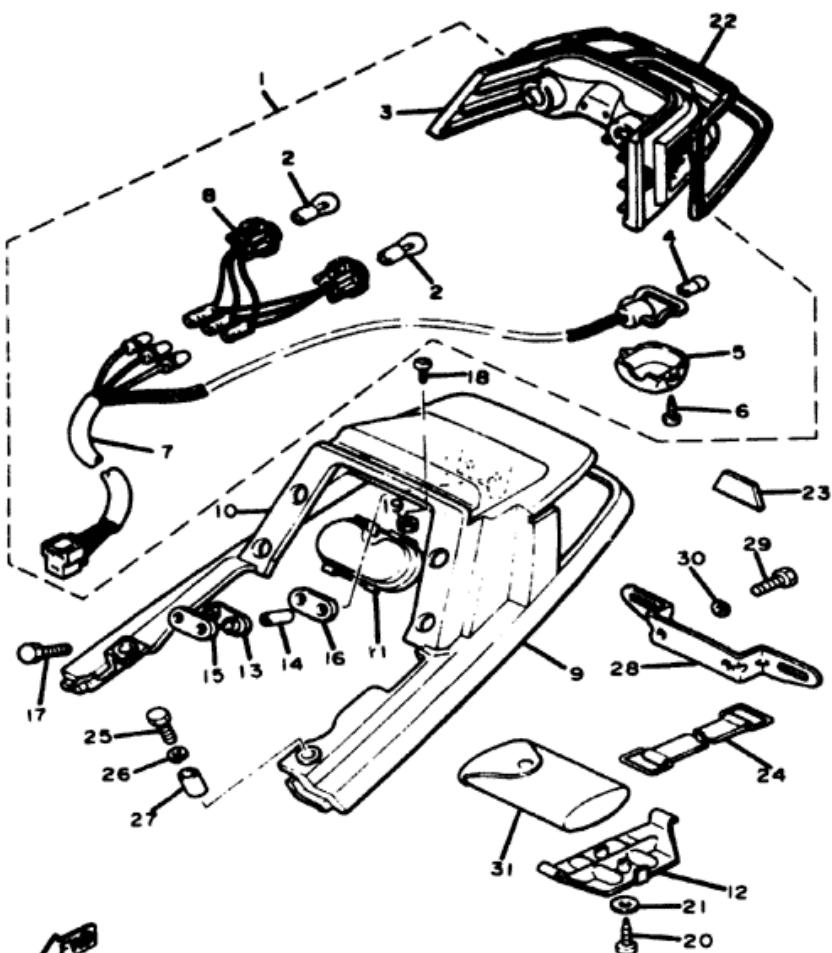
FIG. 44 SIREN+ PATROL LIGHT



24L750-3440

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-98522-90-Y5	ELECTRONIC SIREN ASSY	1	UR Police white
2	24L-84753-00	DAMPER	2	
3	90201-10742	WASHER, Plate	2	
4	90109-08034	BOLT	2	
5	256-98190-60-Y5	PATROL LIGHT ASSY (RED)	2	Police white
6	256-98360-60	+DAMPER 1	2	
7	256-98370-60	+DAMPER 2	2	
8	341-26397-01	BAND	4	
9	1T7-98862-70	FLASHER RELAY ASSY	1	
10	1W7-83355-00	CORD, flasher relay	1	
11	437-83936-00	BAND, switch cord	4	
12	33V-98480-60	CASE LIGHT ASS'Y	1	
13	33V-98470-60	+BULB, case light (12V 6W)	1	
14	33V-98460-60	+LENS, case light	1	
15	33V-98450-60	+GASKET, case light	1	
16	98680-04016	+SCREW, oval head	2	
17	98501-05016	SCREW, Pan head	2	
18	92901-05100	WASHER, spring	2	
19	24L-98980-60	REVOLVING LIGHT ASSY (RED)	1	

TAILLIGHT • TAIL COVER • TOOL



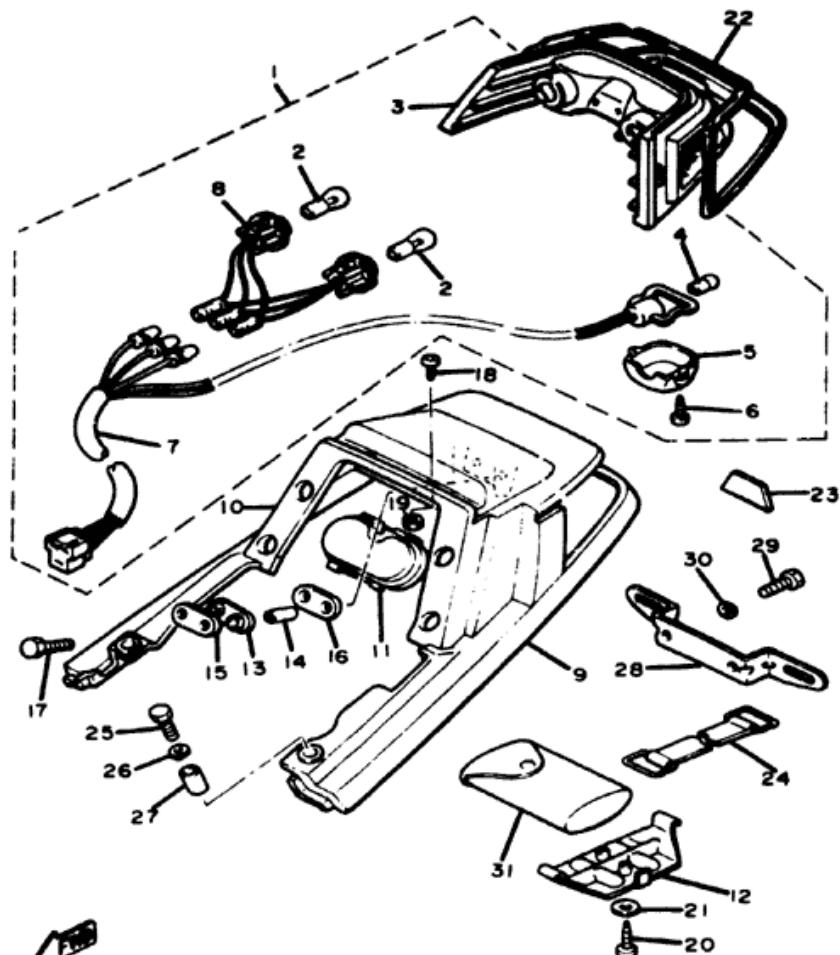
5G2110-2410

Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-84710-60-00	TAILLIGHT UNIT ASS'Y.....	1	
2	256-84714-61-00	. BULB (12V-27/8W)	2	
3	5G2-84540-60-00	. LENS ASS'Y	1	
4	4H7-84744-00-00	. BULB (12V-8W)	1	
5	5G2-84743-60-00	. LENS, license light.....	1	
6	87702-40516-00	. SCREW, tapping.....	2	
7	5G2-84735-00-00	. CORD ASS'Y.....	1	
8	5G2-84732-00-00	. SOCKET CORD ASS'Y	1	
9	5G2-84716-00-6M	COVER, taillight.....	1	U.R. Star Silver
	5G2-84716-00-63	. COVER, taillight	1	U.R. Brilliant Red
10	5G2-2160E-00-00	BOX	1	
11	5G2-2160F-00-00	LID	1	
12	5G2-2162A-00-00	HOOK	1	
13	5G2-84736-00-00	DAMPER, tail.....	1	
14	5G2-84557-00-00	COLLAR	2	
15	5G2-84725-00-00	WASHER, special	1	
16	5G2-84729-00-00	SPACER	1	

Headlight / Taillight / Signal Rating

12V60-55W / 12V27-8W / 12V27W

TAILLIGHT • TAIL COVER • TOOL



Ref. No.	Part Number	Description	Qty.	Remarks
17	97021-06030-00	BOLT (97301-06030)	2	
18	98906-05012-00	SCREW, bind.	2	
19	95701-05500-00	NUT, flange (95701-05100)	2	
20	98501-04008-00	SCREW, pan head (98502-04008)	2	
21	92990-04200-00	WASHER, plain (92901-04200)	2	
22	5G2-84704-00-00	GASKET	1	
23	5G2-21787-00-00	EMBLEM 7	1	
24	122-82131-00-00	BAND, battery	1	
25	97313-06016-00	BOLT (97301-06016)	2	
26	92990-06100-00	WASHER, spring (92903-06100)	2	
27	90387-06500-00	COLLAR	2	
28	5G2-84751-00-98	BRACKET, license	1	Low Gloss Blk
29	97313-06016-00	BOLT (97301-06016)	2	
30	92990-06100-00	WASHER, spring (92903-06100)	2	
31	5G2-28100-00-00	TOOL KIT (5G2-28100-10)	1	

5G2110-2410

Headlight / Taillight / Signal Rating

12V60-55W / 12V27-5W / 12V27W

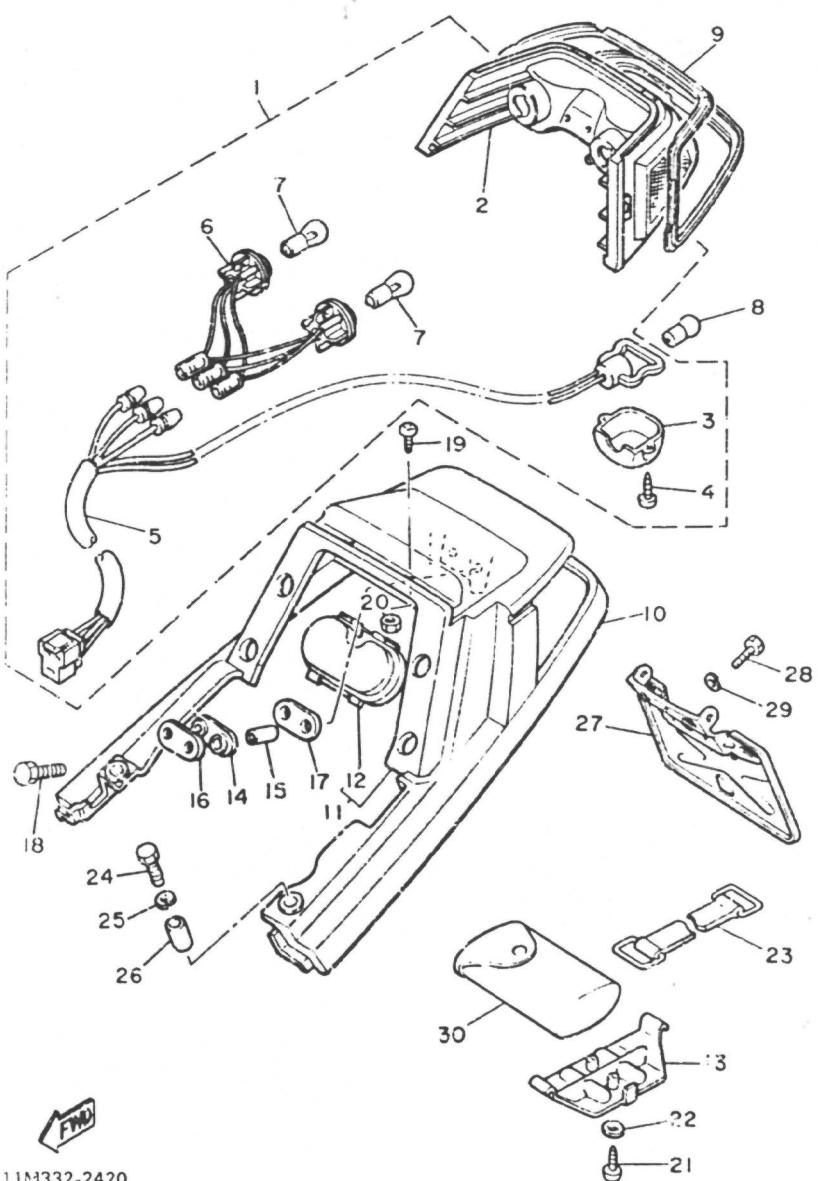


FIG. 42 TAILLIGHT. TAIL COVER. TOOL

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	11M-84710-00	TAILLIGHT UNIT ASSY	1	
2	11M-84540-00	•LENS ASSY	1	
3	5G2-84743-60	•LENS, licence light	1	
4	97702-40516	•SCREW, tAPPing	2	
5	5G2-84735-00	•CORD ASSY	1	
6	5G2-84732-00	•SOCKET CORD ASSY	1	
7	1A2-84714-41	•BULB (12V-21/5W)	2	
8	*	BULB, licence light (12V-10W)	1	LM
9	5G2-84704-00	GASKET, taillight	1	
10	5G2-84716-00-1U	COVER, taillight	1	UR Quartz silver
	5G2-84716-00-63	COVER, taillight	1	UR brilliant red
11	5G2-2160E-00	BOX	1	
12	5G2-2160F-00	LID	1	
13	5G2-2162A-00	HOOK	1	
14	5G2-84736-00	DAMPER, tail	1	
15	5G2-84557-00	COLLAR	2	
16	5G2-84725-00	WASHER, sPecial	1	
17	5G2-84729-00	SPACER	1	
18	97302-06030	BOLT	2	
19	98906-05012	SCREW, bind	2	
20	95702-05100	NUT, flange	2	
21	98502-04008	SCREW, Pan head	2	
22	92902-04200	WASHER, Plain	2	
23	122-82131-00	BAND, battery	1	
24	97301-06016	BOLT	2	
25	92202-06100	WASHER, sPring	2	
26	90387-06500	COLLAR	2	
27	11M-84751-00-98	BRACKET, licence	1	low gloss black

11M332-2420



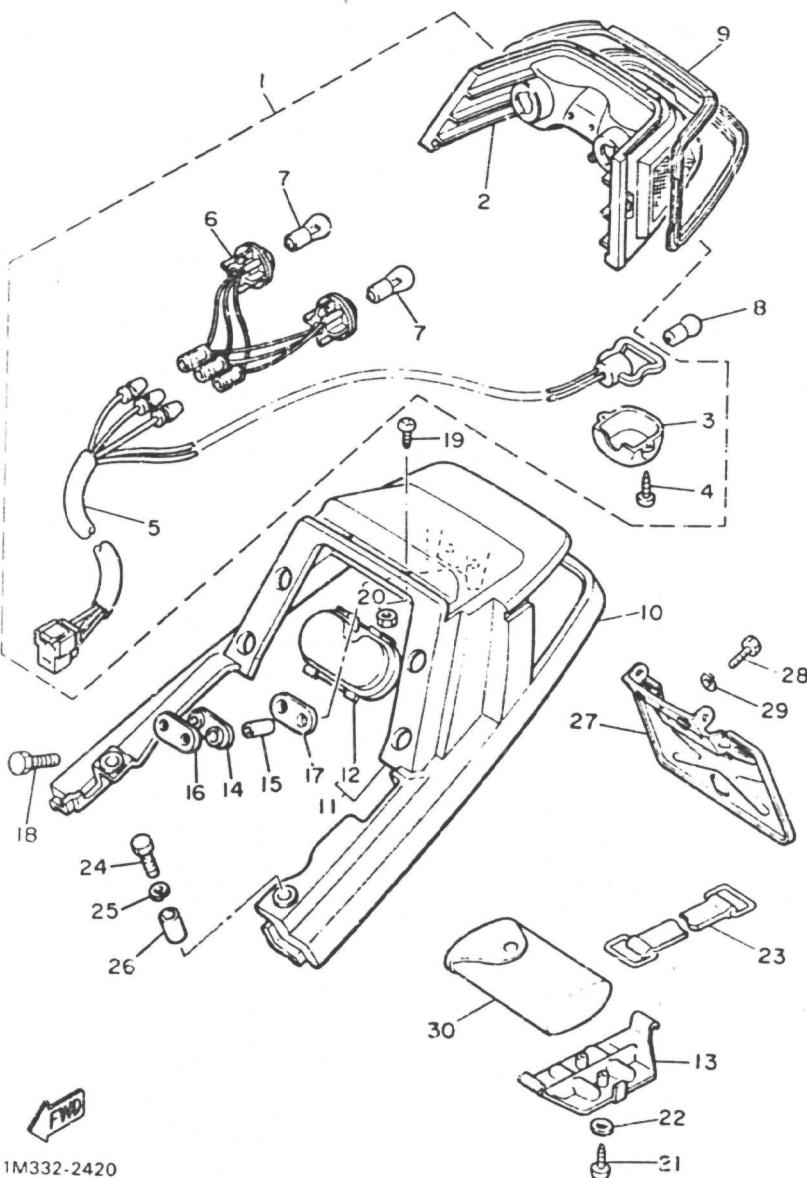


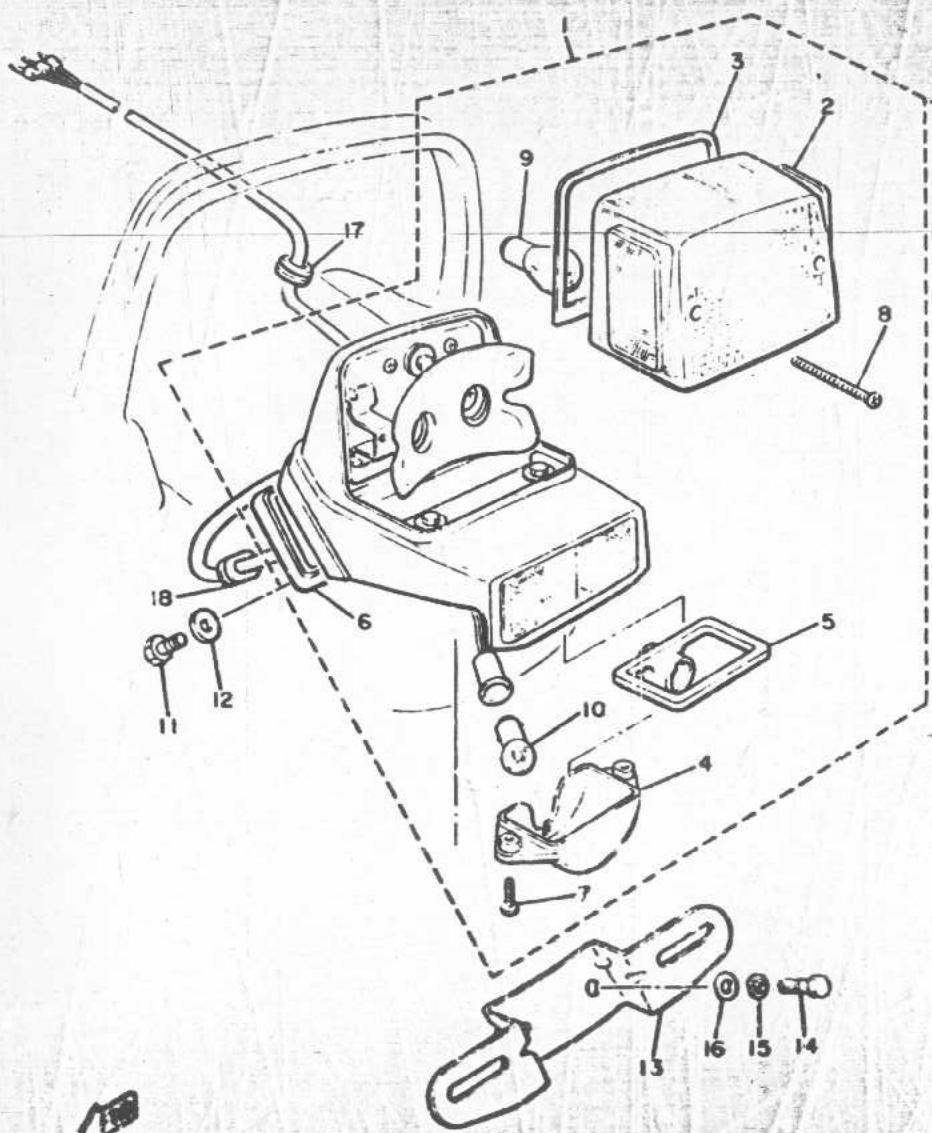
FIG. 42 TAILLIGHT. TAIL COVER. TOOL

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
28	97301-06016	BOLT	3	
29	92901-06100	WASHER, SPRING	3	
30	SG2-28100-10	TOOL KIT	1	

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FWD

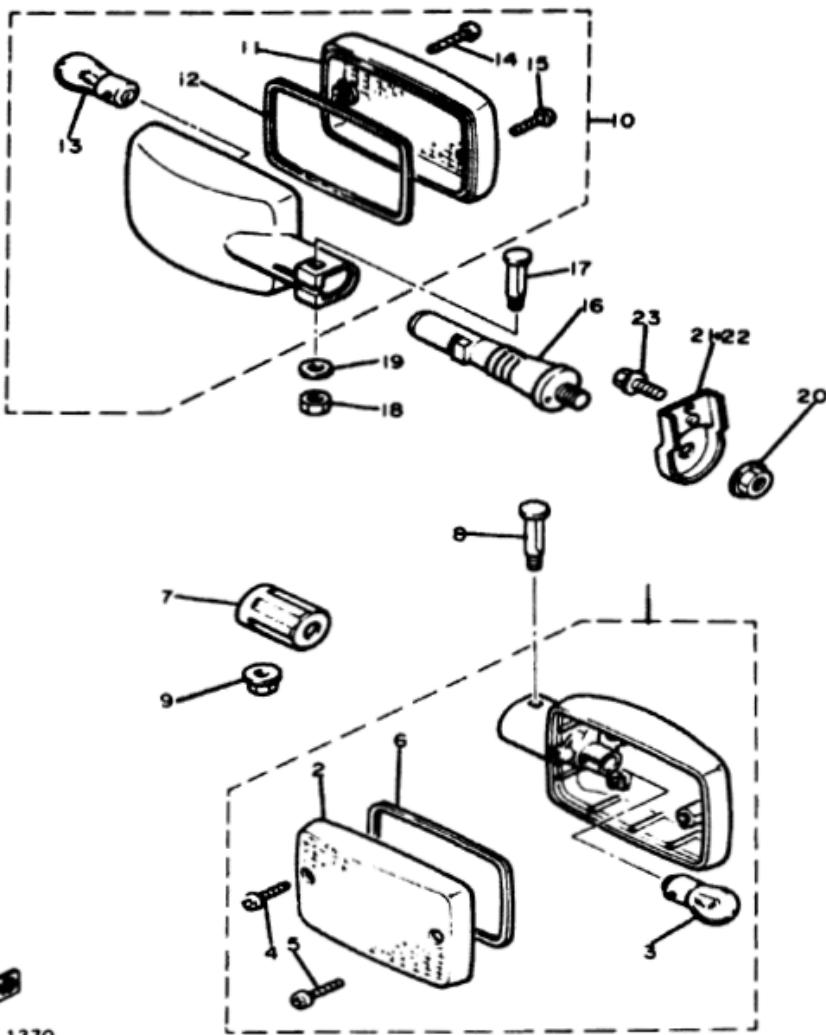
FIG. 43 TAILLIGHT



24L400-3480

REF. NO.	PART NO.	DESCRIPTION	Q'TY.	REMARKS
1	24L-84700-60	TAILLIGHT ASSY	1	
2	5K5-84721-60	•LENS, taillight	1	
3	4H7-84723-00	•GASKET, tail lens	1	
4	4H7-84743-00	•LENS, licence light	1	
5	4H7-34753-60	•DAMPER	1	
6	4H7-84704-61	•GASKET, taillight	1	
7	98501-04014	•SCREW, Pan-head	2	
8	98502-04085	•SCREW, Pan head	2	
9	256-84714-61	•BULB (12V-27/8W)	2	
10	4H7-84744-00	•BULB (12V-8W)	1	
11	97301-06016	BOLT	3	
12	92901-06600	WASHER, Plate	3	
13	24L-84751-00-93	BRACKET, licence	1	chrome-Plated
14	97301-06016	BOLT	2	
15	92990-06100	WASHER, spring	2	
16	92901-06600	WASHER, Plate	2	
17	90480-16112	GROMMET	1	
18	90480-15061	GROMMET	1	

TURN SIGNAL



Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-83310-70-00	FRONT FLASHER LIGHT ASS'Y 1	2	
2	5G2-83312-00-00	. LENS, flasher	1	
3	256-83311-70-00	. BULB (12V-27W)	1	
4	98506-04018-00	. SCREW, pan head	1	
5	97701-40535-00	. SCREW, tapping	1	
6	5G2-83313-00-00	. GASKET, flasher lens	1	
7	4L0-83321-00-00	DAMPER, flasher 1.....	2	
8	5G2-83317-00-00	BOLT, flasher 1	2	
9	95706-05500-00	NUT, flange (95706-05100) ...	2	
10	5G2-83303-70-00	REAR FLASHER LIGHT ASS'Y...	2	
11	5G2-83312-00-00	. LENS, flasher	1	
12	5G2-83313-00-00	. GASKET, flasher lens	1	
13	256-83311-70-00	. BULB (12V-27W)	1	
14	97701-40535-00	. SCREW, tapping	1	
15	98506-04018-00	. SCREW, pan head	1	
16	4G0-83318-00-00	STAY, flasher 1	2	
17	5G2-83317-00-00	BOLT, flasher 1	2	
18	95306-05600-00	NUT.....	2	
19	92906-05600-00	WASHER, plate	2	
20	95701-12500-00	NUT, flange (95701-12100) ...	2	
21	5G2-83368-00-00	STAY, flasher	1	
22	5G2-83369-00-00	STAY, flasher	1	
23	95816-08016-00	BOLT, flange (95826-08016)...	2	

Headlight / Taillight / Signal Rating

12V60-55W / 12V27-8W / 12V27W

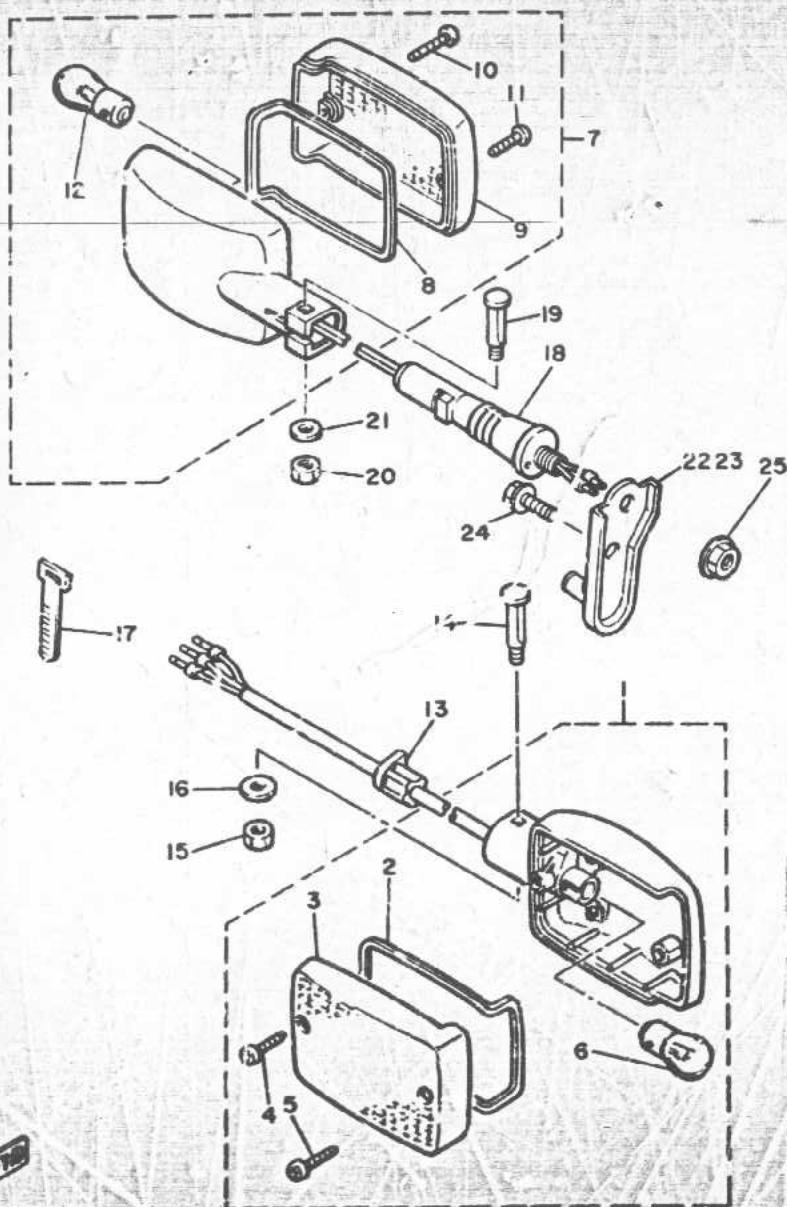


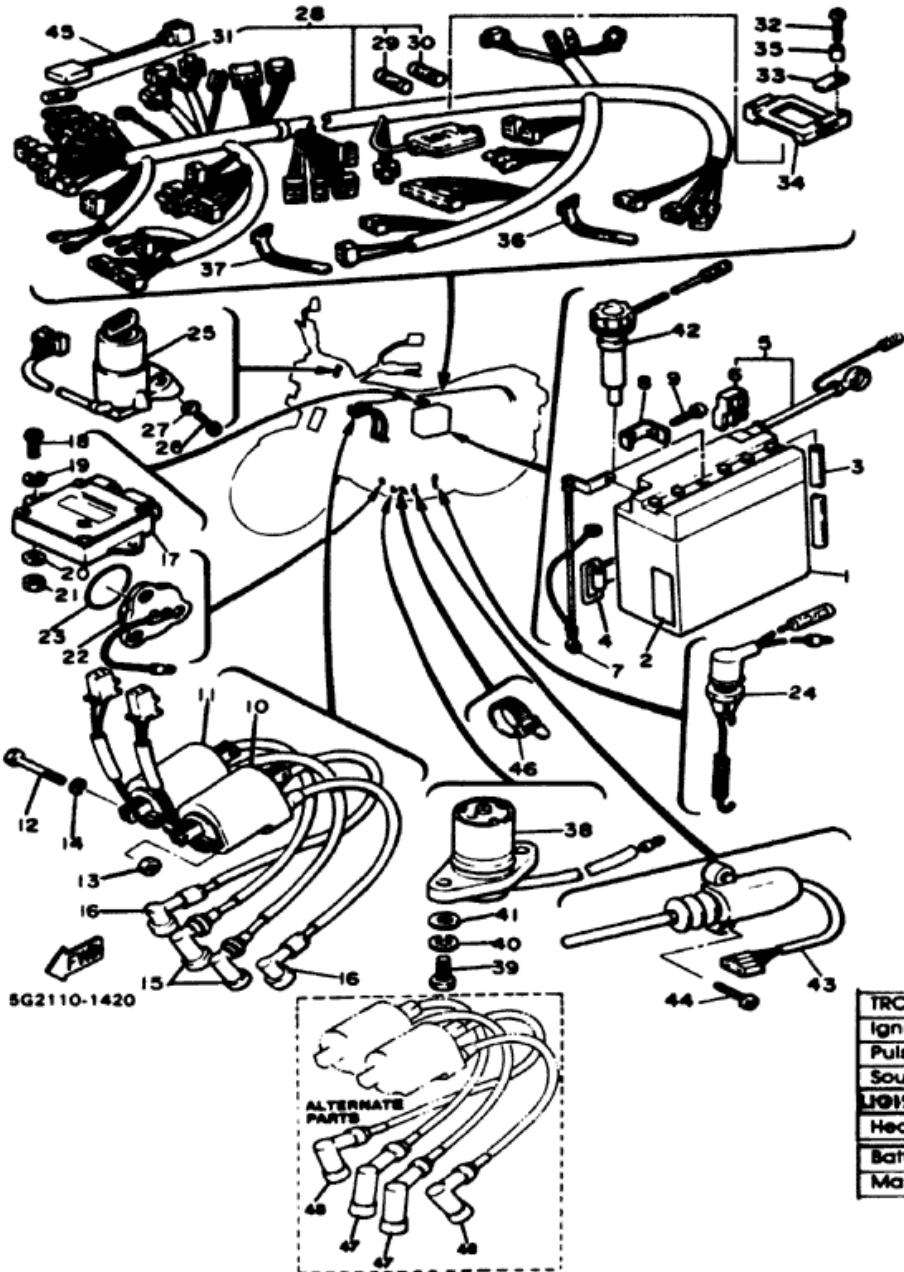
FIG. 40 FLASHER LIGHT

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-83310-00	FRONT FLASHER LIGHT ASSY 1	2	
2	5G2-83313-00	• GASKET, flasher lens	1	
3	5G2-83312-00	• LENS, flasher	1	
4	98511-04016	• SCREW, Pan head	1	
5	97702-40535	• SCREW, tappin&	1	
6	24L-83311-00	• BULB (12V-27/10W)	1	
7	31E-83303-70	REAR FLASHER LIGHT ASSY 1	2	
8	5G2-83313-00	• GASKET, flasher lens	1	
9	5G2-83312-00	• LENS, flasher	1	
10	98511-04016	• SCREW, Pan head	1	
11	97702-40535	• SCREW, tappin&	1	
12	25L-83311-70	• BULB (12V-27W)	1	
13	4L0-83321-00	DAMPER, flasher 1	2	
14	4G0-83317-00	BOLT, flasher 1	2	
15	95303-05600	NUT	2	
16	92990-05600	WASHER, Plate	2	
17	341-26337-01	BAND	2	
18	4G0-83318-00	STAY, flasher 1	2	
19	5G2-83317-00	BOLT, flasher 1	2	
20	95306-05600	NUT	2	
21	92906-05600	WASHER, Plate	2	
22	24L-83368-00	STAY, flasher	1	
23	24L-83369-00	STAY, flasher	1	
24	95821-08016	BOLT, flange	2	
25	95702-12100	NUT, flange	2	

24L750-3400



ELECTRICAL 1



Ref. No.	Part Number	Description	Qty.	Remarks
1	BTY-YB14L-AZ-00	BATTERY ASS'Y	1	
2	118-82141-09-00	LABEL, battery (LIT-82141-09) .	1	
3	90445-08336-00	HOSE	1	
4	26H-82131-00-00	BAND, battery (137-82131-01) .	1	
5	5G2-82115-00-00	WIRE, plug lead	1	
6	[5G2-82119-00-00]	. COVER, lead wire	1	
7	5G2-82116-00-00	WIRE, minus lead	1	
8	5G2-82103-00-00	TERMINAL 1	2	
9	90153-06032-00	SCREW, hexagon	2	
10	4H7-82310-60-00	IGNITION COIL ASS'Y	1	
11	4H7-82320-60-00	IGNITION COIL ASS'Y	1	
12	97321-06080-00	BOLT (97301-06080)	2	
13	95303-06600-00	NUT (95302-06600)	2	
14	92990-06200-00	WASHER (92903-06200)	2	
15	1J7-82370-00-00	PLUG CAP ASS'Y	2	
16	256-82370-00-00	PLUG CAP ASS'Y	2	
17	5G2-82305-10-00	IGNITOR UNIT ASS'Y	1	
18	92503-06015-00	SCREW, pan head (92502-06016)	2	
19	92990-06100-00	WASHER, spring (92903-06100)	2	
20	92901-06600-00	WASHER, (92902-06600)	2	
21	95303-06700-00	NUT (95301-06700)	2	
22	2H7-82540-00-00	NEUTRAL SWITCH ASS'Y	1	
23	90430-10027-00	GASKET (90430-10148)	1	

TROUBLESHOOTING

Ignition Coil Test Gap / Primary Ω / Secondary Ω 6mm / $2.5 \Omega \pm 10\%$ / $11K \Omega \pm 20\%$

Pulser Coil or Pickup Coil Color Code / Ω Org ~ Blk, Grn ~ Blk / $650 \Omega \pm 20\%$

Source Coil Color Code / Ω @

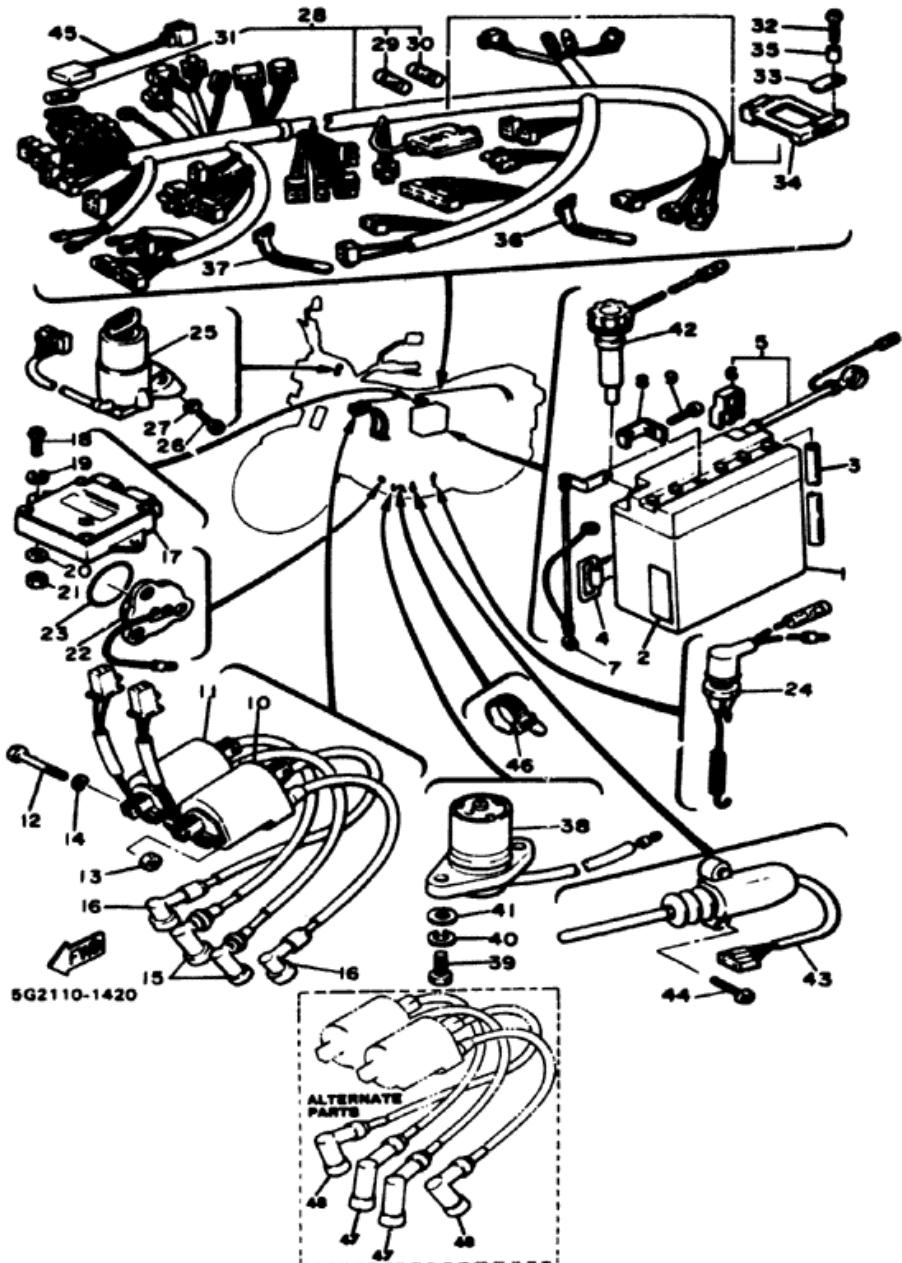
LIGHTING SYSTEM

Headlight / Taillight / Signal Rating 12V60-55W / 12V27-8W / 12V27W

Battery: Model / Specific Gravity / Charge Rate YB14L-A2 (12V 14AH) / 1.28 / 1.4A

Maximum Output 14V 19A @ 5000 rpm

ELECTRICAL 1



Ref. No.	Part Number	Description	Qty.	Remarks
24	1E9-82530-00-00	STOP SWITCH ASS'Y	1	
25	5G2-82508-50-00	MAIN SWTICH ASS'Y	1	
26	97021-06016-00	BOLT (97321-06016)	2	
27	92901-06600-00	WASHER (92902-06600).....	2	
28	5G2-82590-50-00	WIRE HARNESS ASS'Y.....	1	
29	2H7-82151-00-00	. FUSE (12V-30A).....	1	
30	116-82151-00-00	. FUSE (12V-10A)	3	
31	5G2-82151-00-00	. FUSE (12V-5A).....	1	
32	97780-50125-00	SCREW, tapping (97702-50125)	2	
33	[4K0-82558-00-00] WASHER	WASHER	2	
34	4K0-82157-00-00	DAMPER	1	
35	90387-056E6-00	COLLAR	2	
36	437-83936-10-00	BAND, switch cord	3	
37	447-82591-00-00	BAND	1	
38	5G2-85720-00-00	OIL LEVEL GAUGE ASS'Y	1	
39	97011-06020-00	BOLT (97321-06020)	2	
40	92990-06100-00	WASHER, spring (92903-06100)	2	
41	92901-06600-00	WASHER, plate	2	
42	5G2-82120-00-00	SENDER, battery	1	
43	5G2-82566-01-00	SWITCH, side stand	1	
44	98706-05016-00	SCREW, flat head	2	
45	4H7-81980-M0-00	DIODE	1	
46	341-26397-01-00	BAND	1	

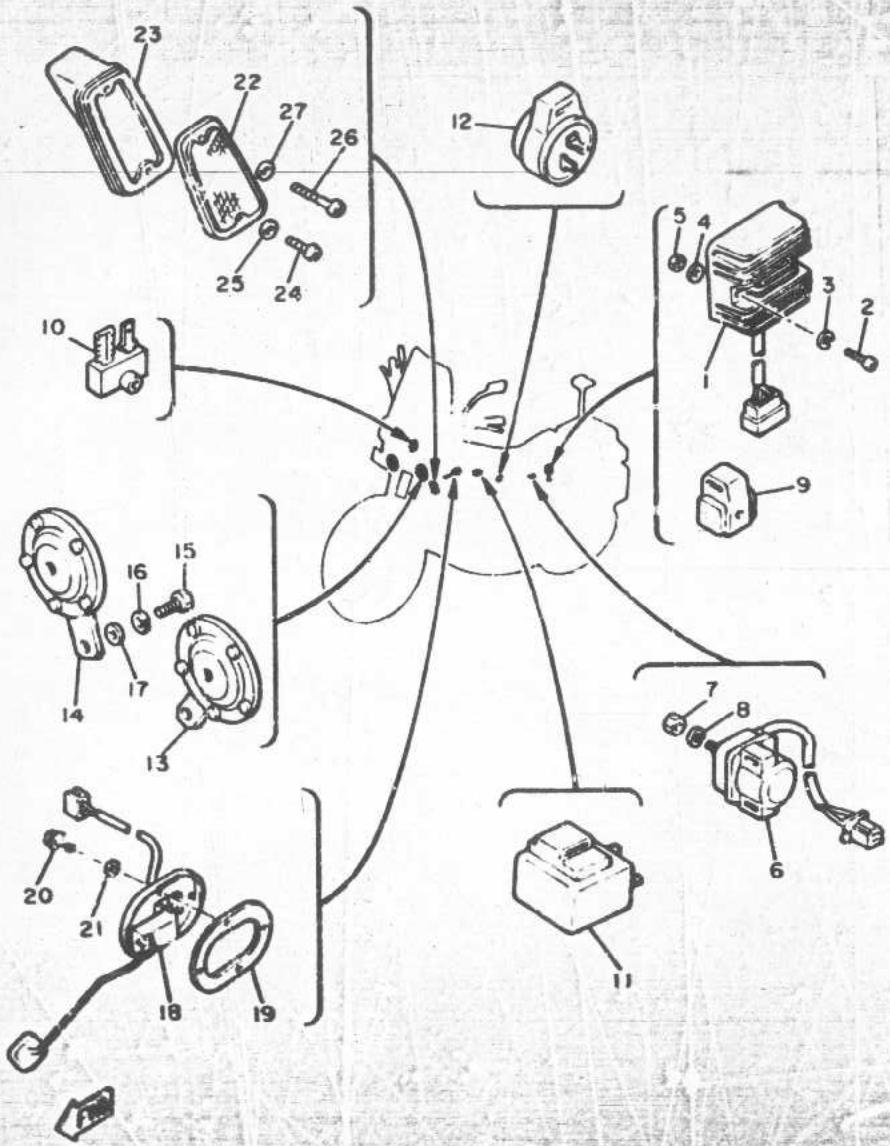
ALTERNATE PARTS

47	1J7-82370-10-00	PLUG CAP ASS'Y	2	w/noise suppressor
48	2H8-82370-10-00	PLUG CAP A&S'Y	2	w/noise suppressor

TROUBLESHOOTING	
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, Grn ~ Blk / 650 Ω ± 20%
Source Coil Color Code / Ω	5
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V60-55W / 12V27-8W / 12V27W

Battery: Model / Specific Gravity / Charge Rate	YB14L-A2 (12V 14AH) / 1.28 / 1.4A
Maximum Output	14V 19A @ 5000 rpm

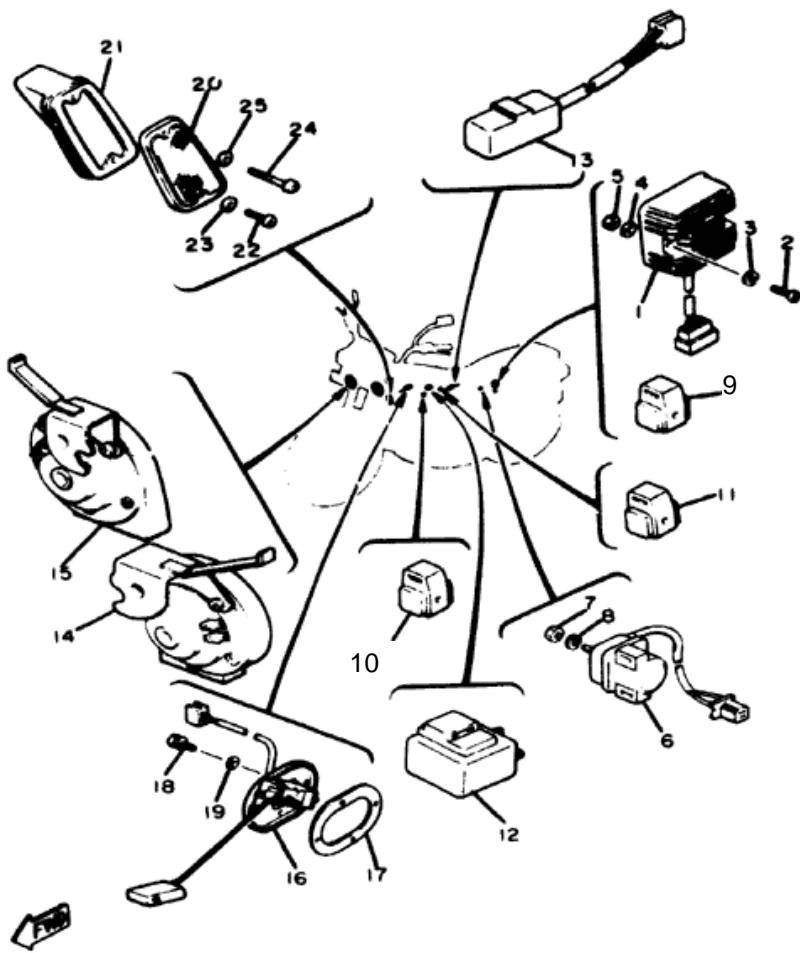
FIG. 46 ELECTRICAL 1



24L400-3430

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	12R-81960-A0	RECTIFIER & REGULATOR ASSY	1	
2	92501-06030	SCREW, Pan head	2	
3	92902-06100	WASHER, spring	2	
4	92990-06800	WASHER, Plate	2	
5	95302-06700	NUT	2	
6	22U-81940-00	STARTER SWITCH ASSY	1	honda lock
7	95301-06700	NUT	2	
8	92990-06100	WASHER, spring	2	
9	12R-81950-00	STARTER CIRCUIT CUT-OFF RELAY	1	
10	1M1-81970-60	RECTIFIER ASSY	2	
11	4G0-83350-20	FLASHER RELAY ASSY	1	
12	3H5-83360-00	HAZARD FLASHER RELAY ASSY	1	
13	2H9-83371-20	HORN	1	high tone
14	2H9-83371-30	HORN	1	low tone
15	97306-08014	BOLT	2	
16	92906-08100	WASHER, spring	2	
17	92906-08600	WASHER, Plate	2	
18	5G2-85752-01	SENDER UNIT ASSY, fuel meter	1	
19	2H7-85753-00	GASKET, sender unit	1	
20	95802-06014	BOLT, flange	4	
21	90202-06010	WASHER, Plate	4	
22	3G1-85110-00	FRONT REFLECTOR ASSY	2	
23	4H7-85127-01	BASE, reflector	2	
24	98511-04618	SCREW, Pan head	2	
25	92901-04600	WASHER, Plate	2	
26	849-84724-00	SCREW, lens fitting	2	
27	92901-04600	WASHER, Plate	2	

ELECTRICAL 2

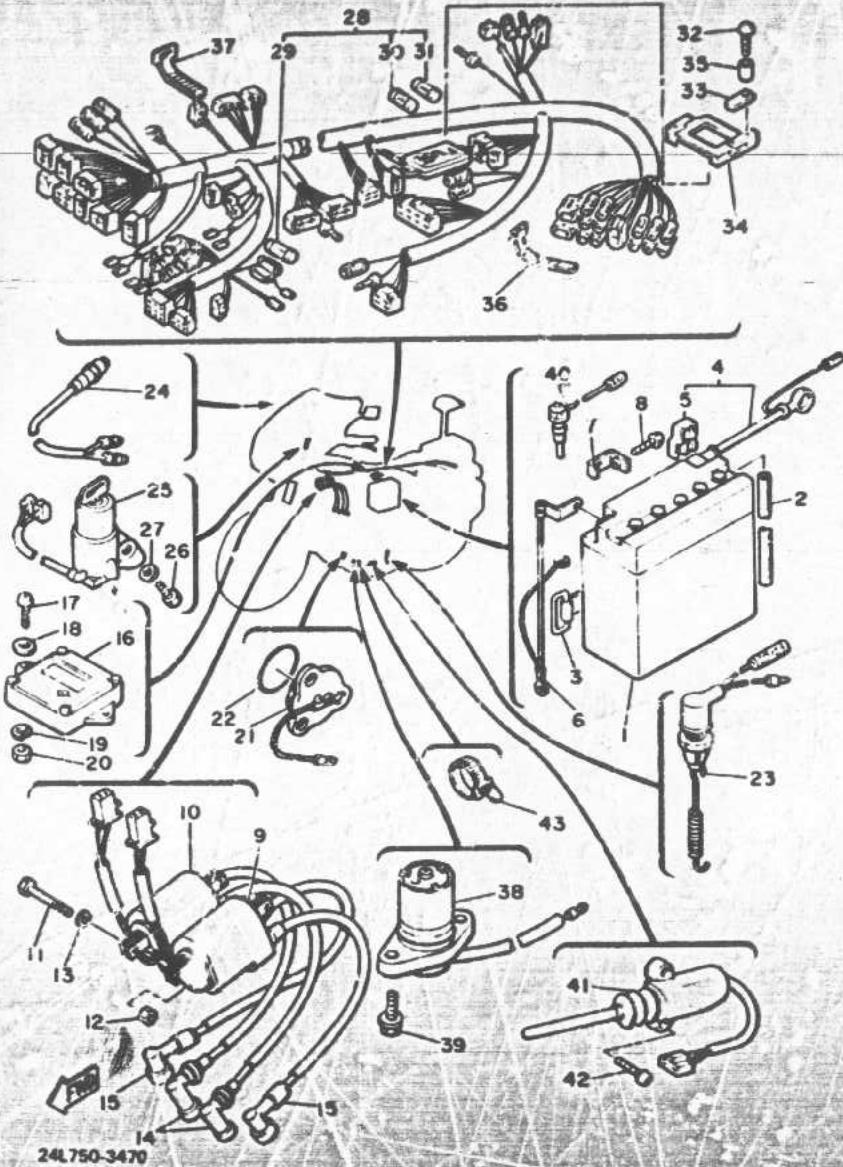


5G2110-2430

Ref. No.	Part Number	Description	Qty.	Remarks
1	12R-81960-A0-00	RECTIFIER & REGULATOR ASS'Y (4H7-81960-50)	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	95303-06700-00	NUT (95301-06700)	2	
6	22U-81940-00-00	STARTER SWITCH ASS'Y	1	
7	95303-06700-00	NUT (95301-06700)	2	
8	92990-06100-00	WASHER, spring (92903-06100)	2	
9	3H5-81950-00-00	HEADLIGHT RELAY ASS'Y	1	
10	12R-81950-01-00	STARTER CIRCUIT CUT-OFF RELAY (4H7-81950-01)	1	
11	4U8-81950-02-00	SIDE STAND RELAY ASS'Y (4U8-81950-00)	1	
12	4H7-83350-70-00	FLASHER RELAY ASS'Y	1	
13	1A0-83395-03-00	FLASHER CANCELLING UNIT	1	
14	5G2-83371-20-00	HIGH TONE	1	
15	5G2-83371-30-00	LOW TONE	1	
16	5G2-85752-01-00	SENDER UNIT ASS'Y, fuel meter	1	
17	2H7-85753-00-00	GASKET, sender unit	1	
18	95821-06014-00	BOLT, flange (95802-06014)	4	
19	90202-06010-00	WASHER, plate	4	
20	3G1-85110-00-00	FRONT REFLECTOR ASS'Y	2	
21	4H7-85127-01-00	BASE, reflector	2	
22	98506-04018-00	SCREW, pan head	2	
23	92901-04600-00	WASHER, plate	2	
24	849-84724-00-00	SCREW, lens fitting	2	
25	92901-04600-00	WASHER, plate	2	

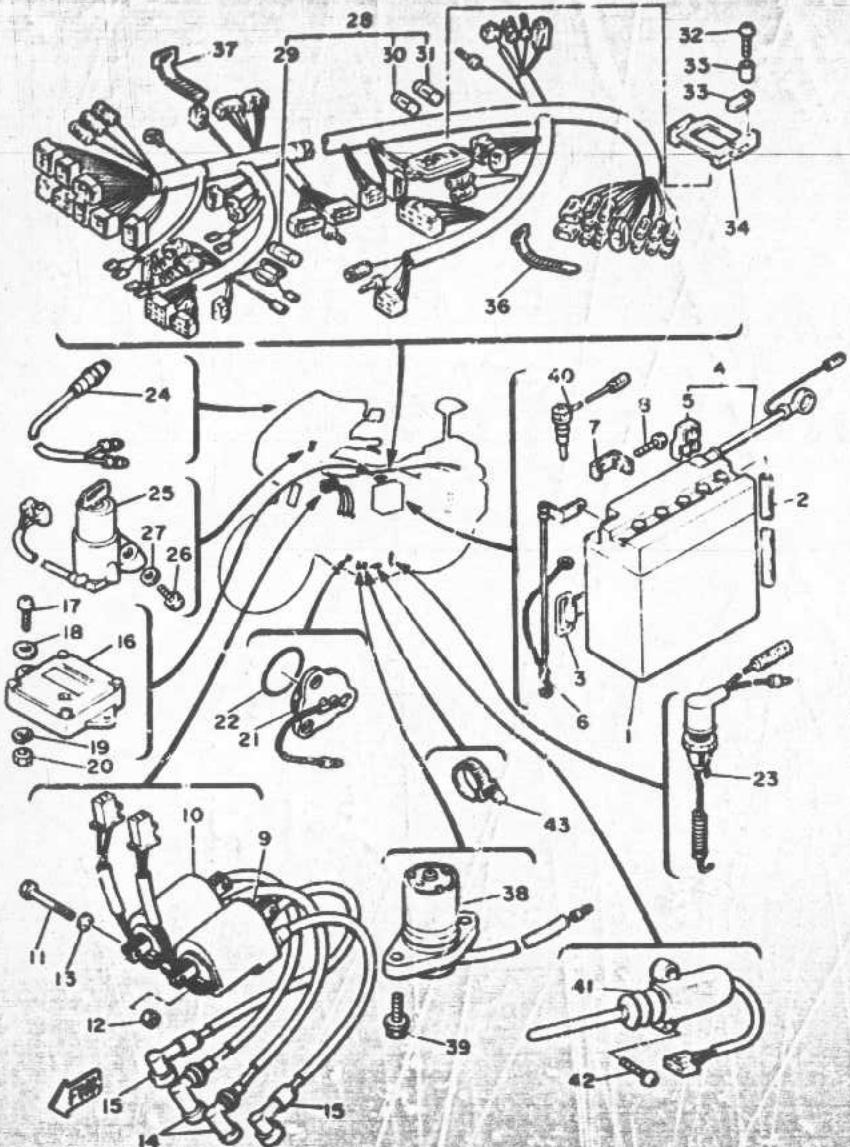
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5 Ω ± 10% / 11K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk, Grn ~ Blk / 650 Ω ± 20%
Source Coil Color Code / Ω	—
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V60-55W / 12V27-5W / 12V27W

FIG. 47 ELECTRICAL 2



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	447-82110-62	BATTERY ASSY (YUASA YB14L-A2)	1	
2	90445-08336	HOSE	1	
3	137-82131-01	BAND, battery	1	
4	5G2-82115-00	WIRE, Plus lead	1	
5	5G2-82119-00	COVER, lead wire	1	
6	5G2-82116-00	WIRE, minus lead	1	
7	5G2-82103-00	TERMINAL 1	2	
8	90153-06032	SCREW, hexagon	2	
9	4H7-82310-61	IGNITION COIL ASSY	1	
10	4H7-82320-61	IGNITION COIL ASSY	1	
11	97302-06080	BOLT	2	
12	95302-06600	NUT	2	
13	92902-06200	WASHER	2	
14	1J7-82370-00	PLUG CAP ASSY	2	
15	256-82370-00	PLUG CAP ASSY	2	
16	5G2-82305-10	IGNITOR UNIT ASSY	1	
17	92502-06016	SCREW, Pan head	2	
18	92990-06600	WASHER, Plate	2	
19	92902-06100	WASHER, Spring	2	
20	95302-06700	NUT	2	
21	2H7-82540-00	NEUTRAL SWITCH ASSY	1	
22	90430-10148	GASKET	1	
23	1E9-82530-00	STOP SWITCH ASSY	1	
24	1A0-83980-30	FRONT STOP SWITCH ASSY	1	
25	24L-82501-80	MAIN SWITCH STEERING LOCK	1	
26	97322-06016	BOLT	2	
27	92990-06600	WASHER, Plate	2	
28	24L-82590-80	WIRE HARNESS ASSY	1	

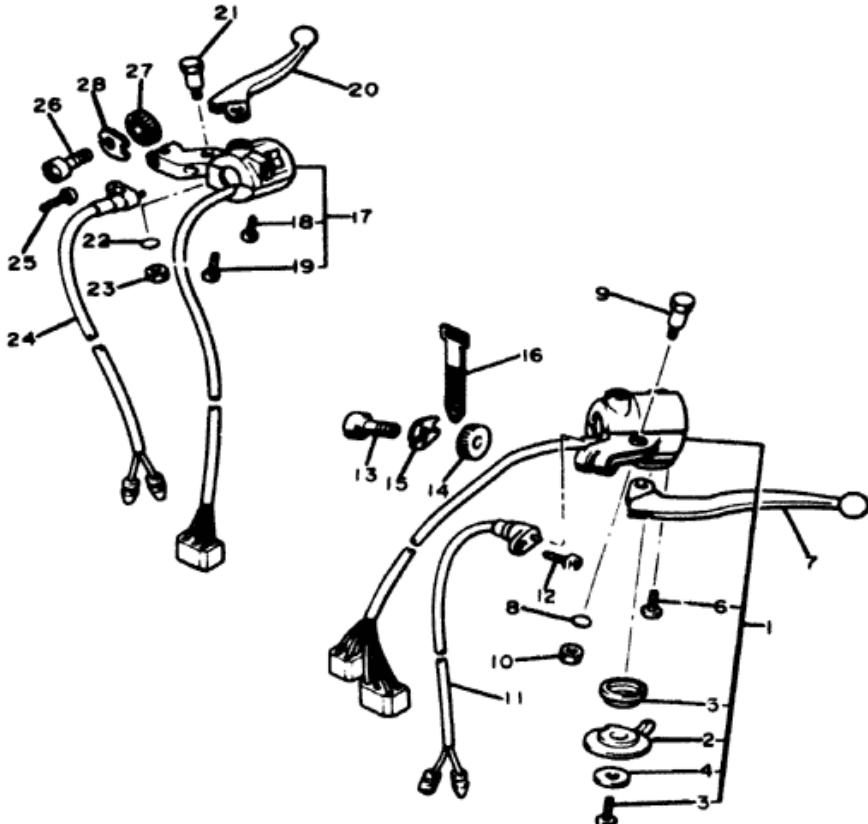
FIG. 47 ELECTRICAL 2



24L750-3470

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	116-82151-00	FUSE (6V-10A)	2	
30	1A0-82161-00	FUSE (12V-20A)	1	
31	2H7-82151-00	FUSE (12V-30A)	1	
32	97780-50125	SCREW, tappin8	2	
33	4K0-82558-00	WASHER	2	
34	4K0-82157-00	DAMPER	1	
35	90387-056E6	COLLAR	2	
36	437-83936-10	BAND, switch cord	5	
37	447-82591-00	BAND	1	
38	5G2-85720-00	OIL LEVEL GAUGE ASSY	1	
39	95026-06016	BOLT, flange	2	
40	5G2-82120-00	SENDER, battery	1	
41	5G8-82566-00	SWITCH, side stand	1	
42	98706-05016	SCREW, flat head	2	
43	341-26397-01	BAND	1	

HANDLE SWITCH • LEVER

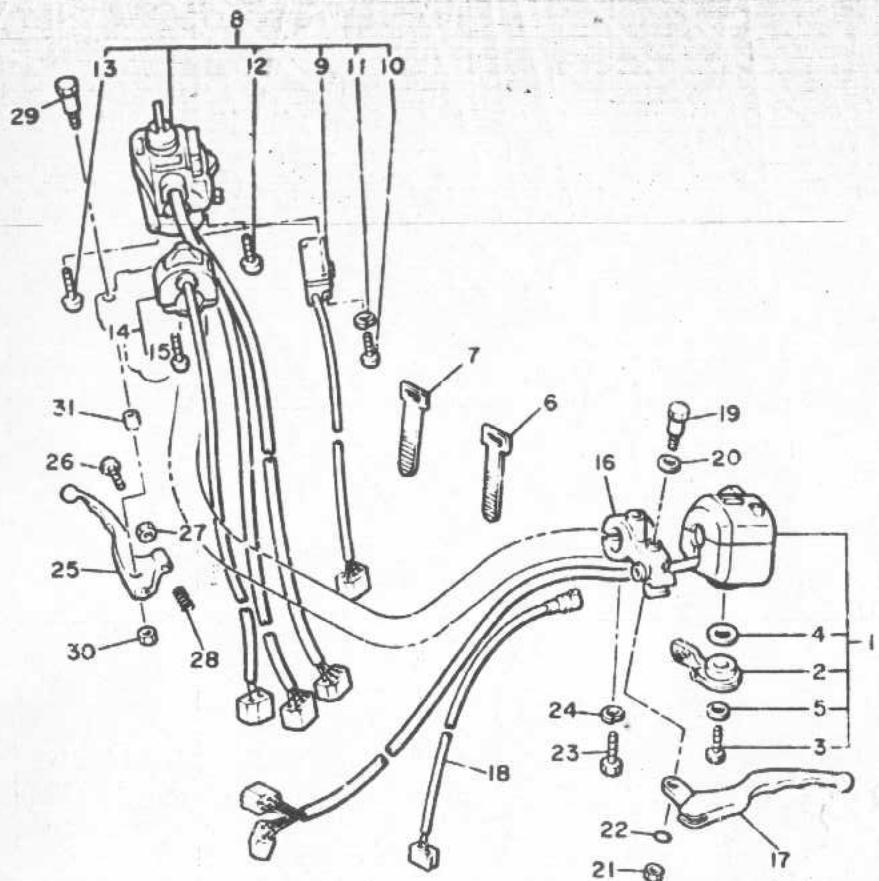


5G2110-1440

Ref. No.	Part Number	Description	Qty.	Remarks
1	5G2-W8281-50-00	LEVER HOLDER ASS'Y (L.H.)...	1	
2	4H7-83941-00-00	. LEVER, starter	1	
3	92506-06008-00	. SCREW, pan head	1	
4	92990-06200-00	. WASHER, plain (92903-06200)	1	
5	90209-10131-00	. WASHER.....	1	
6	98506-05035-00	. SCREW, pan head	3	
7	5G2-83912-00-00	LEVER 1	1	
8	93210-11368-00	O-RING.....	1	
9	90109-06797-00	BOLT (90109-06576)	1	
10	95601-06100-00	NUT, U	1	
11	5G2-82917-00-00	SWITCH	1	
12	98901-03008-00	SCREW, bind.....	1	
13	5G2-26253-00-00	BOLT, adjusting 1	1	
14	5G2-26251-00-00	NUT, adjusting.....	1	
15	5G2-26257-00-00	STOPPER	1	
16	341-26397-01-00	BAND	4	
17	5G2-W8282-40-00	LEVER HOLDER ASS'Y (R.H.)...	1	
18	98501-05035-00	. SCREW, pan head	2	
19	98501-05050-00	. SCREW, pan head	1	
20	5G2-83922-00-00	LEVER 2	1	
21	2H7-83945-00-00	BOLT, lever.....	1	
22	93210-11368-00	O-RING.....	1	
23	95601-06100-00	NUT, U	1	
24	5G2-83980-00-00	FRONT STOP SWITCH ASS'Y ...	1	
25	98501-03008-00	SCREW, pan head.....	1	
26	5G2-26253-00-00	BOLT, adjusting 1	1	
27	5G2-26251-00-00	NUT, adjusting.....	1	
28	5G2-26257-00-00	STOPPER	1	

TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / $2.5 \Omega \pm 10\%$ / $11K \Omega \pm 20\%$
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk, Grn ~ Blk / $650 \Omega \pm 20\%$
Source Coil Color Code / Ω	Blk
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V60-55W / 12V27-8W / 12V27W

FIG. 4B HANDLE SWITCH, LEVER

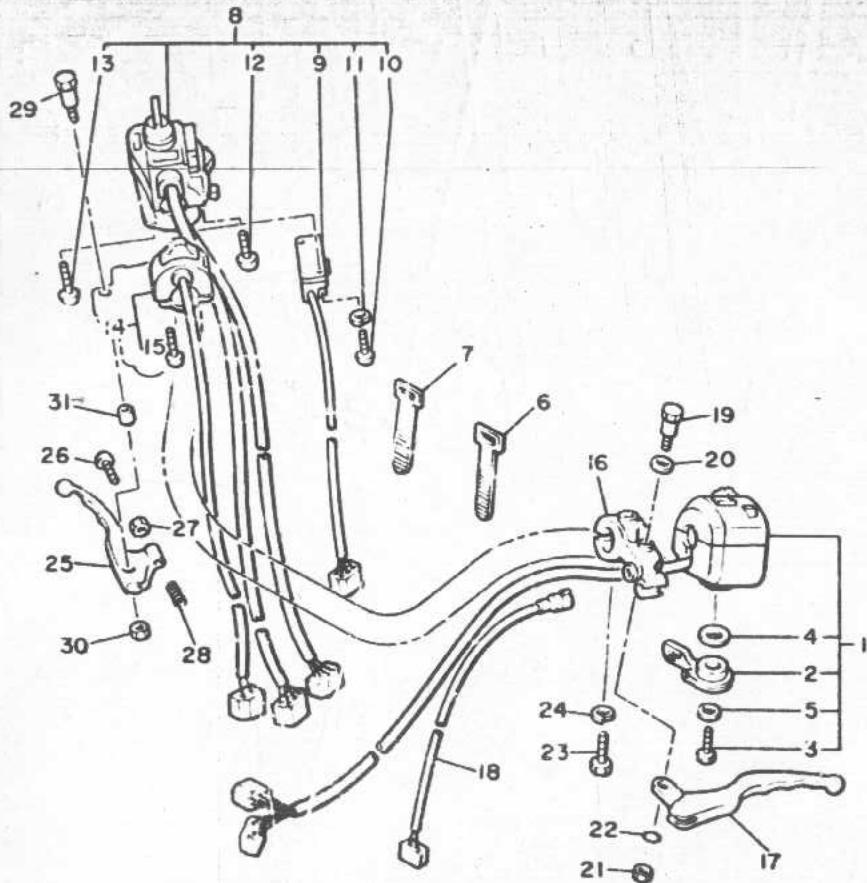


24L750-3450



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-83972-00	SWITCH, handle 4	1	
2	4H7-83941-00	LEVER, starter	1	
3	97323-06008	BOLT	1	
4	92901-06200	WASHER, Plain	1	
5	90209-10131	WASHER	1	
6	341-26397-01	BAND	2	
7	437-83936-10	BAND, switch cord	2	
8	24L-83969-40	SWITCH, handle 5	1	
9	10M-83362-00	HAZARD FLASHER SWITCH	1	
10	98506-03014	SCREW, Pan head	2	
11	92990-03100	WASHER, Spring	2	
12	98506-05030	SCREW, Pan head	1	
13	98506-05040	SCREW, Pan head	1	
14	24L-83976-00	SWITCH, handle 1	1	
15	98511-04012	SCREW, Pan head	2	
16	4K0-82911-00	HOLDER, lever 1	1	
17	2H0-83912-20	LEVER 1	1	low gloss black
18	2Y6-82917-00	SWITCH	1	
19	2H7-83945-00	BOLT, lever	1	
20	90201-08083	WASHER, Plate	1	
21	95601-06100	NUT, u	1	
22	93210-11368	O-RING	1	
23	97306-06022	BOLT	1	
24	92906-06100	WASHER, Spring	1	
25	2H7-83922-00	LEVER 2	1	
26	90149-06131	SCREW	1	
27	90170-06010	NUT	1	
28	90501-10312	SPRING, compression	1	

FIG. 45 HANDLE SWITCH, LEVER



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	90109-06465	BOLT	1	
30	95601-06100	NUT, U	1	
31	90386-09094	BUSH	1	



24L75U-3650

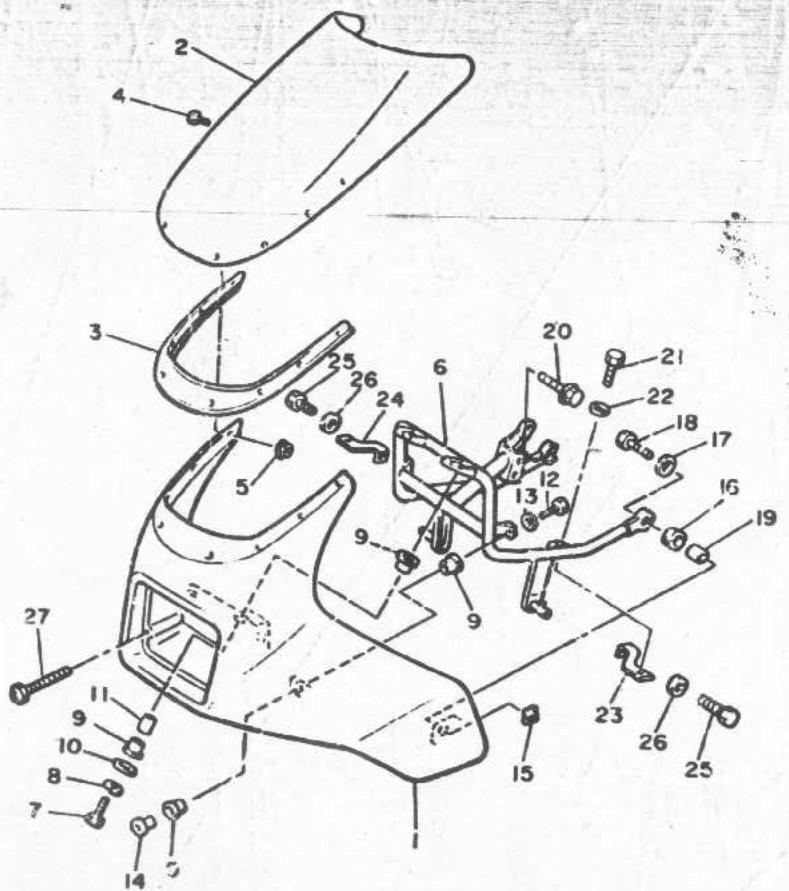
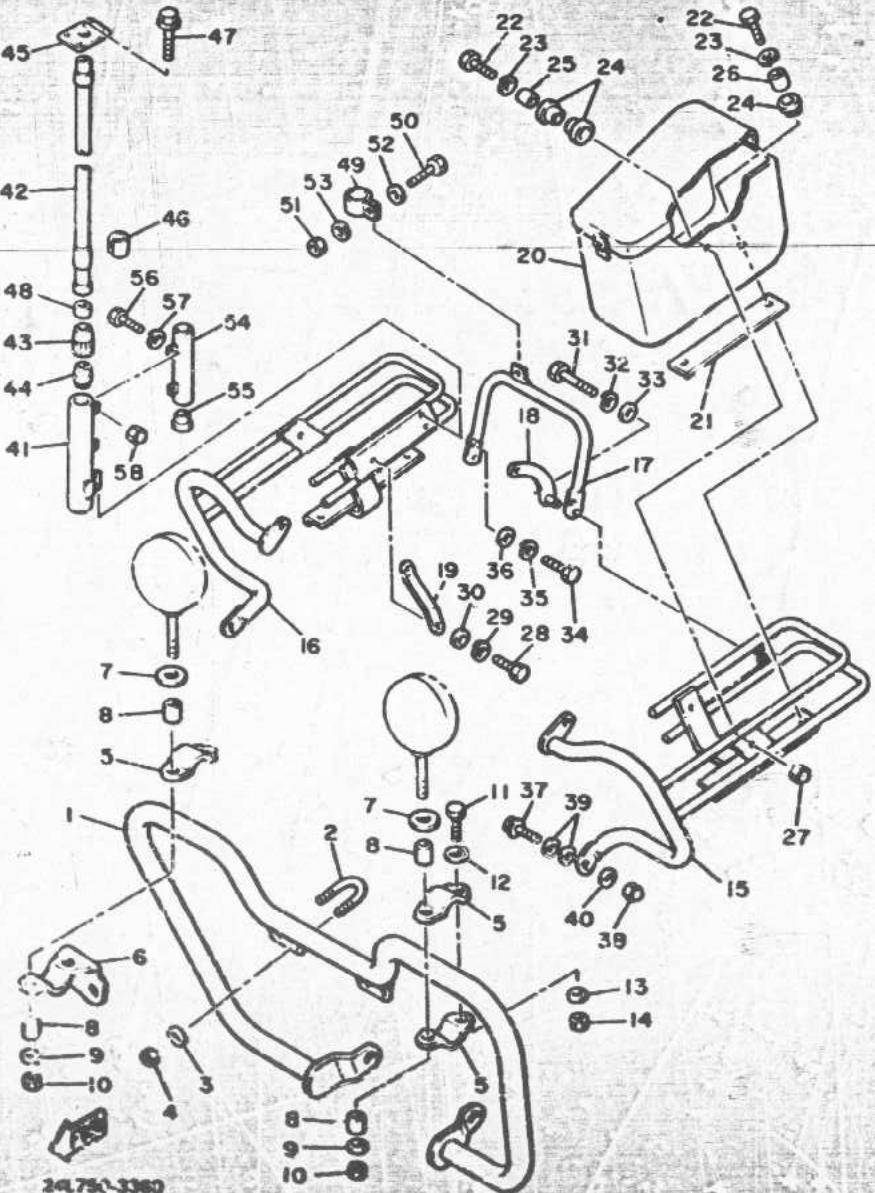


FIG. 35 WINDSHIELD

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	42N-28351-00-Y5	BODY, cowling	1	Police white
2	24L-28381-10	WINDSHIELD	1	
3	31A-28345-00	MOLE 1	1	
4	90157-05063	SCREW, Pan head	8	
5	95706-05500	NUT, flange	8	
6	24L-28356-10	STAY 1	1	
7	97306-06030	BOLT	2	
8	92906-06100	WASHER, spring	2	
9	90480-22362	GROMMET	8	
10	90201-06074	WASHER, Plate	2	
11	90560-08237	SPACER	2	
12	97006-06012	BOLT	2	
13	92906-06100	WASHER, spring	2	
14	90387-050J5	COLLAR	2	
15	42N-28317-00	NUT, cable	2	
16	90480-18276	GROMMET	2	
17	90201-060A3	WASHER, Plate	2	
18	97306-06020	BOLT	2	
19	90387-060A7	COLLAR	2	
20	95816-08012	BOLT, flange	3	
21	97306-06010	BOLT	2	
22	90201-06059	WASHER, Plate	2	
23	24L-2831U-0G	STAY, side 1	1	
24	24L-2832U-00	STAY, side 1	1	
25	97306-06012	BOLT	2	
26	92906-06600	WASHER, Plate	2	
27	92780-06530	SCREW, flat head	2	

24L750-3350

FIG. 36. GUARD- SIDE BAG

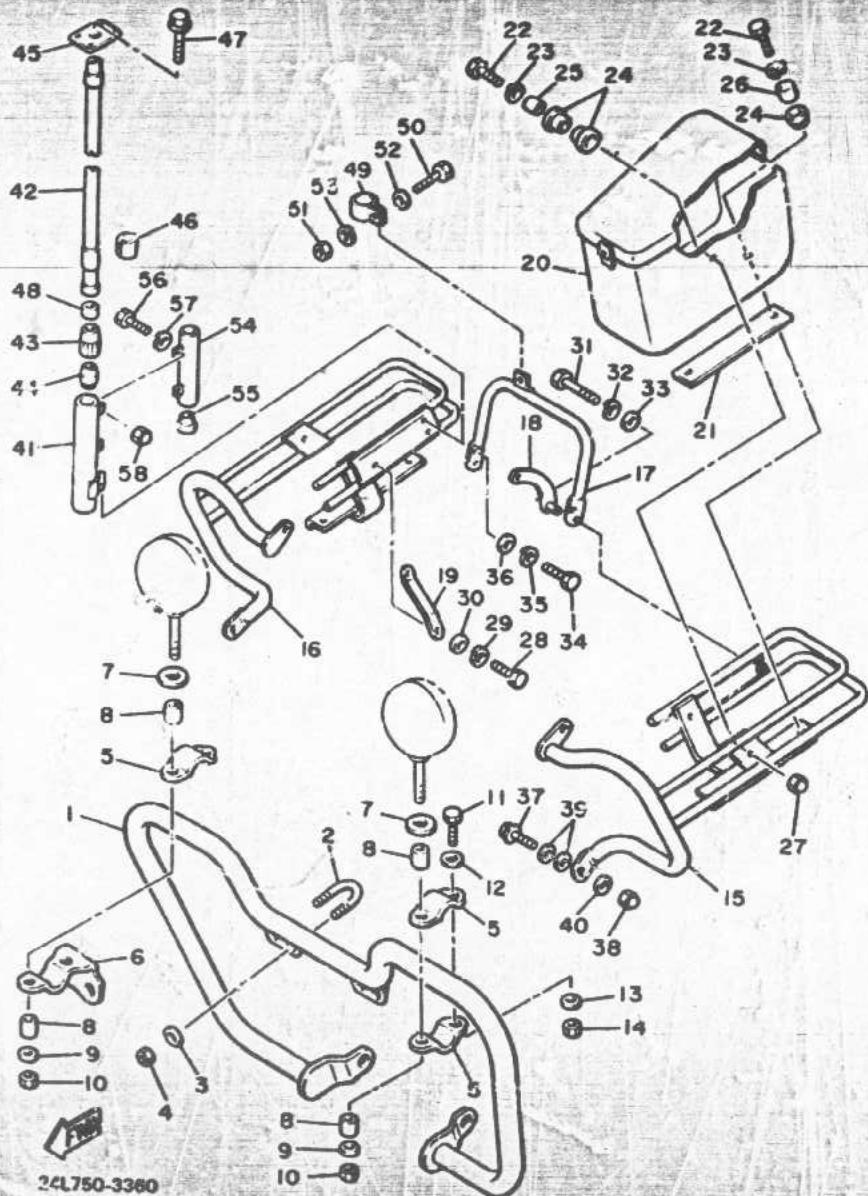


24L750-3380

REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
1	24L-28411-00	BUMPER, front	1	
2	90109-08355	BOLT	2	
3	92901-08200	WASHER, Plain	4	
4	95601-08100	NUT, u	4	
5	24L-28471-00	BRACKET, Patrol light 1	3	
6	24L-28453-00	BRACKET, siren 2	1	
7	90201-083A6	WASHER, Plate	2	
8	24L-28467-00	SPACER	4	
9	92901-08600	WASHER, Plate	2	
10	95601-08100	NUT, u	2	
11	97301-08025	BOLT	2	
12	92901-08600	WASHER, Plate	2	
13	92901-08600	WASHER, Plate	2	
14	95601-08100	NUT, u	2	
15	24L-28422-00	GUARD, saddle bag 1	1	
16	24L-28432-00	GUARD, saddle bag 2 (LEFT)	1	
17	24L-28424-50	JOINT, case	1	
18	24L-28426-00	BRACKET 1	1	
19	24L-28436-00	BRACKET 2	1	
20	24L-28441-00	SADDLE BAG 1	2	
21	306-92262-90	DAMPER, side bag	2	
22	97301-06025	BOLT	8	
23	92990-06100	WASHER, spring	8	
24	322-21541-00	DAMPER 1	12	
25	90387-06388	COLLAR	4	
26	90387-037F1	COLLAR	4	
27	95303-06800	NUT, crown	2	
28	97301-08020	BOLT	2	

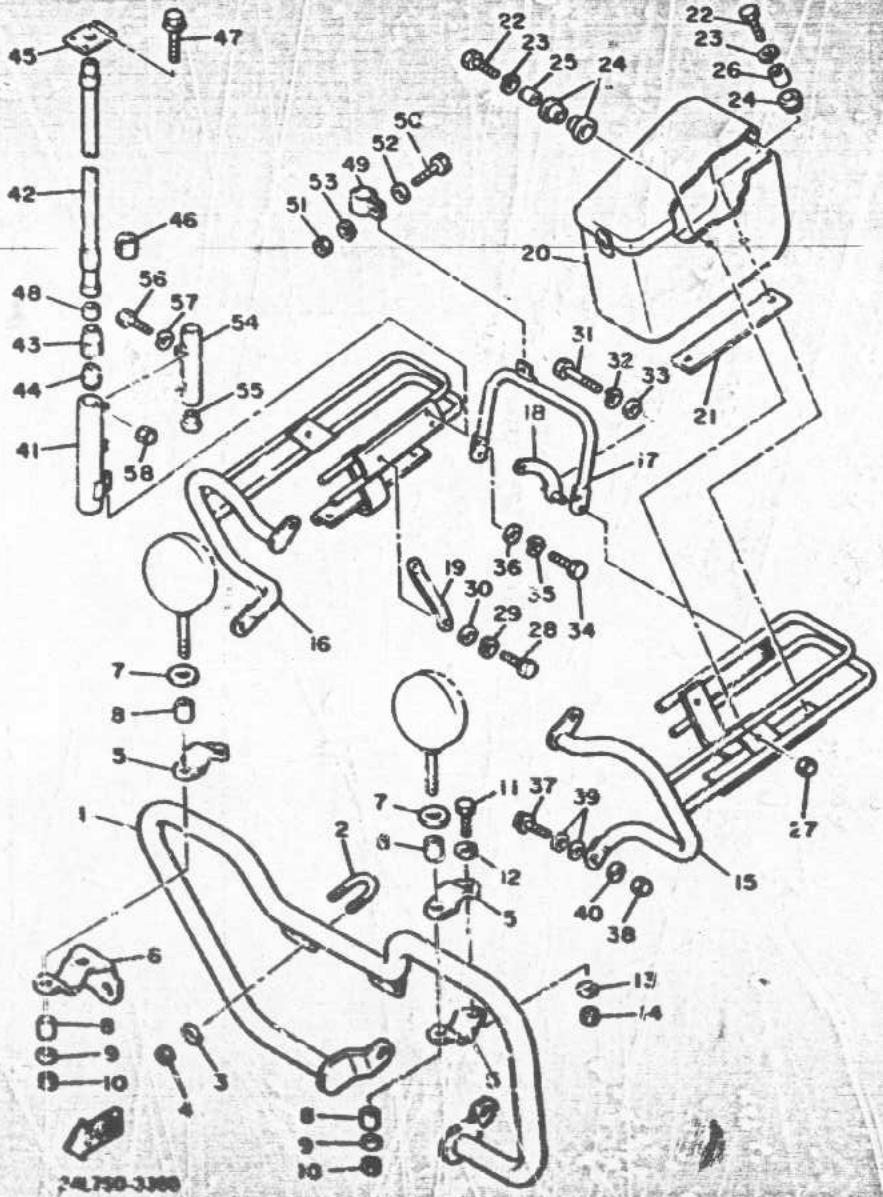
E12

FIG. 38 GUARD, SIDE BAG



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
29	92990-08100	WASHER, sPring	2	
30	92901-08600	WASHER, Plate	2	
31	97301-08076	BOLT	1	
32	92990-08100	WASHER, sPring	1	
33	92901-08600	WASHER, Plate	1	
34	97301-08025	BOLT	2	
35	92990-08100	WASHER, sPring	2	
36	92901-08600	WASHER, Plate	2	
37	95801-10035	BOLT, flange	2	
38	95303-10800	NUT, crown	2	
39	90201-10132	WASHER, Plate	4	
40	92901-10600	WASHER, Plate	2	
41	24L-28471-50	BRACKET, Patrol light 1	1	
42	1E5-92932-70	INNER PIPE COMP.	1	
43	1E5-92942-70	LOCK, Grip	1	
44	1E5-92952-70	BUSH	1	
45	1E5-92962-70	HOLDER, Patrol light	1	
46	1E5-92972-70	PISTON, slide	1	
47	95821-08016	BOLT, flange	1	
48	1M3-27114-00	STOPPER, main stand	1	
49	1E5-92992-70	HOLDER	1	
50	97303-08020	BOLT	1	
51	95303-08600	NUT	1	
52	92903-08200	WASHER, Plain	1	
53	92990-08100	WASHER, sPring	1	
54	1E5-92982-70	HOLDER	1	
55	90480-12013	GROMMET	1	
56	97303-06012	BOLT	2	

FIG. 36 GUARD-SIDE BAG



REF. NO.	PART NO.	DESCRIPTION	Q'TY	REMARKS
57	92990-06100	WASHER, SPRING	2	
58	95303-06800	NUT, CROWN	2	

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TOP END GASKET KIT

CONTENTS

Ref. No.	Part Number	Description	Qty.	Remarks
	5G2-W0001-00-XX	GASKET KIT		
	5G2-11181-00-00	GASKET, cylinder head	1	
	5G2-11355-00-00	SEAL, cylinder 1	1	
	5G2-11193-00-00	GASKET, head cover 1	1	
	93210-71462-00	O-RING	4	
	93210-09443-00	O-RING	4	
	90430-14131-00	GASKET	2	
	5G2-11351-00-00	GASKET, cylinder	1	
	5G2-12213-00-00	GASKET, tensioner case	1	
	93210-08006-00	O-RING	1	
	1J7-12119-01-00	SEAL, valve stem oil	8	
	4H7-13556-01-00	GASKET, manifold	4	
	4H7-14613-00-00	GASKET, exhaust pipe	4	
	93210-18322-00	O-RING	2	

AIR FILTER	B-2
AUXILIARY LIGHT	G-4
CABLE	E-9
CAMSHAFT	A-9
CARBURETOR	B-3-5
CHAIN	A-9
CLUTCH	C-4-5
CRANKCASE	B-8-9
CRANKCASE COVER	B-10.11
CRANKSHAFT	A-7-8
CYLINDER	A-8
CYLINDER HEAD	A-5
DRIVESHAFT	D-8-8
ELECTRICAL 1	G-8-9
ELECTRICAL 2	G-10
EXHAUST	B-8-7
FENDER	D-2
FOOTREST	E-12,F-1
FRAME	D-1
FRONT BRAKE CALIPER	E-6
FRONT FORK	D-9-12
FRT. MASTER CYLINDER	E-10.11
FRONT WHEEL	E-5
FUEL TANK	E-3
GENERATOR	B-12
GOVERNOR	C-1
HANDLEBAR	E-9
HANDLE SWITCH	G-11
HEADLIGHT	G-3
LEVER	G-11
METER	G-1.2
MIDDLE DRIVE GEAR	C-8.9
OIL FILTER	B-1
OIL PUMP	A-12
PISTON	A-7.8
REAR SHOCKS	D-5
REAR WHEEL	E-7.8
SEAT	E-4
SERVICE DATA	J-1
SHIFT CAM	C-10
SHIFT FORK	C-10
SHIFT SHAFT	C-11
SIDE COVER	D-3.4
STAND	E-12,F-1
STARTER CLUTCH	C-3
STARTING MOTOR	C-2
STEERING	E-1.2
SWING ARM	D-5
TAIL COVER	G-5.6
TAILLIGHT	G-5.6
TECHNICAL BULLETINS	K-Row
TOOL	G-5.6
TOP END GASKET KIT	H-1
TRANSMISSION	C-6.7
TURN SIGNAL	G-7
VALVE	A-10.11

XJ750RH

1981 SERVICE DATA

MODEL - IBM I.D. NUMBER	XJ750RH-B	XJ750RH-R	5G2
Initial Engine Number / Frame Number	5G2-000101 / 5G2-000101		
Basic Color(s)	New Yamaha Black (B)	Brilliant Red (R)	
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 19 Lit. (5.0 Gal.) / 3.6 Lit. (0.9 Gal.)		
Dry Vehicle Weight	218 kg (481 lb.)		
ENGINE TYPE	4-Stroke, Air-Cooled, Parallel Four		
Bore/Stroke/Number Cylinders/Displacement (cc)	65mm / 56.4mm / 4 / 748cc		
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm ² (113.8 ~ 156.5 psi)		
Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.1mm		
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm		
Valve Clearance (Cold) Intake / Exhaust	0.11mm ~ 0.15mm / 0.16 ~ 0.20mm		
Oil Pressure Hot / rpm	NA		
Oiling System	Wet Sump		
Capacity: Dry	3500cc		
Oil and Filter Change	2800cc		
Oil Change	2500cc		
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4* or SAE 20W40 SE		
Temp. Below 15°C (60°F)	SAE 10W30 SE		
AUTOLUBE - Min Stroke / Color Code	Ø		
Minimum Output @ 200 Cycles	Ø		
Maximum Output @ 200 Cycles	Ø		
CARBURETOR - Mfr. / Type / I.D. Number	Hitachi / HSC32 / 5G2-00		
Main Jet / Pilot Jet	120 / 40		
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed		
Slide Cutaway or Throttle Valve	13.0		
Float Level / Fuel Level	NA / 3.0 ± 1mm		
Idle rpm	1050 rpm		
Max CO* / Max HC* / Set CO	See HC/CO Spec. on Page 2		
SUSPENSION			
Front Forks: Oil Type / Level / Qty	20 Wt. Fork Oil* / Ø / 309cc		
Gas Pressure	0.4 kg/cm ² (5.7 psi)		
Spring Length Std	604.9mm		
Monoshock: Oil Type / Qty	Ø		
Gas Pressure	Ø		
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm		
Tire Size (Nominal Pressure)	F:3.25H19 (1.8 kg/cm ² /26 psi) R:120/90-18 65H(2.0 kg/cm ² /26 psi)		
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	See ENGINE Above		
Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672		
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / Ø		
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.8mm		
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm		
Middle Gear Case Capacity	Ø		
Final Gear Case Capacity	200cc (0.18 Qt.)		
Gear Case Lubricant: Temp. Above 5°C (40°F)	SAE 90 Hypoid Gear Oil GL-4		
Temp. Below 15°C (60°F)	SAE 80 Hypoid Gear Oil GL-4		
All Weather Conditions	SAE 80W90 Hypoid Gear Oil GL-4		

CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	YB14L-A2 (12V 14AH) / 1.28 / 1.4A
Maximum Output	14V 19A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ø	Rotor: Grn ~ Blk / 4.0 Ω ± 10% Stator: Wht ~ Wht / 0.46 Ω ± 10%
Charge Coil Color Code / Ø	Ø
IGNITION SYSTEM	Transistor-Controlled Ignition
Ignition Timing	Std: 7° BTDC @ 1050 rpm Adv: 37.5 ± 2° @ 4000 rpm
Spark Plug Type	NGK BP7ES or Nippon Denso W22EP
Spark Plug Gap / Torque / Cap Ø	0.7 ~ 0.8mm/2.0m·kg(14.5 ft·lb)/Cyl. 1&4: 5KΩ±10% Cyl. 2&3: 10KΩ±10%
Point Gap / Condenser Capacitance	Ø / Ø
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.5 Ω ± 10% / 11K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ø	Org ~ Blk, Grn ~ Blk / 650 Ω ± 20%
Source Coil Color Code / Ø	Ø
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V60-55W / 12V27-8W / 12V27W
TROUBLESHOOTING	
Lighting Coil Color Code / Ø	Ø
TORQUE VALUES	
Front Axle Nut	14 x 1.50: 10.7 m·kg
Front Axle Holder Nut	8 x 1.25: 2.0 m·kg
Rear Axle Nut	14 x 1.50: 10.0 m·kg
Rear Axle Pinch Bolt	8 x 1.25: 0.6 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	Bolt 6 x 1.0: 1.0 m·kg
Cylinder Head:	Nut 10 x 1.25: 3.2 m·kg (Apply Oil)
Engine Mounting Bolts: Front Upper	10 x 1.25: 4.2 m·kg
Front Lower	10 x 1.25: 4.2 m·kg
Front Lower	12 x 1.25: 7.0 m·kg
Stay	8 x 1.25: 2.0 m·kg

Ø = Does Not Apply To This Model

NA = Information Not Available

*Available From Yamaha Parts Distributors Inc.

*For Diagnostic Use Only

HC/CO SPECIFICATIONS WITH YICS TOOL INSTALLED

Max CO - 6.0% / Max HC - 800 ppm / Set CO - 3.0%

The idle rpm should be 1050 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 (950 ~ 1000 rpm).

FILE MOTORCYCLE - 750 SECTION

DATE 10/9/81

SU. M81-034

XJ750RJ 1982 SERVICE DATA

MODEL - IBM I.D. NUMBER	XJ750RJ-S	XJ750RJ-R	SG2
Initial Engine Number / Frame Number	SG2-100101 / SG2-100101		
Basic Color(s)	Star Silver (S)	Grimlight Red (R)	
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 19 Lit. / 3.6 Lit.		
Dry Vehicle Weight	218 kg		
ENGINE TYPE	4-STROKE, AIR-COOLED Parallel Four		
Bore/Stroke/Number Cylinders/Displacement (cc)	65mm / 56.4mm / 4 / 748cc		
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm ²		
Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.1mm		
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm		
Valve Clearance (Cold) Intake / Exhaust	0.11mm ~ 0.15mm / 0.16 ~ 0.20mm		
Oil Pressure Hot / rpm	NA		
Oiling System	Wet Sump		
Capacity: Dry	3500cc		
Oil and Filter Change	2800cc		
Oil Change	2500cc		
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40 SE		
Temp. Below 15°C (60°F)	SAE 10W30 SE		
AUTOMODEL - Min Stroke / Color Code	Ø		
Minimum Output @ 200 Cycles	Ø		
Maximum Output @ 200 Cycles	Ø		
CARBURETOR - Mfr. / Type / I.D. Number	Hilachi / HSC32 / SG2-00		
Main Jet / Pilot Jet	120 / 46		
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed		
Slide Cutaway or Throttle Valve	13.0		
Float Level / Fuel Level	NA / 3.0 ± 1mm		
Idle rpm	1050 rpm		
Max CO ⁺ / Max HC ⁺ / Set CO	See HC/CO Spec on Page 2		
SUSPENSION			
Front Forks: Oil Type / Level / Qty	20 Wt. Fork Oil* / Ø / 309cc		
Gas Pressure	0.4 kg/cm ²		
Spring Length Std	604.9mm		
Monoshock: Oil Type / Qty	Ø		
Gas Pressure	Ø		
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm		
Tire Size (Nominal Pressure)	F:3.25H19 (1.8 kg/cm ²) R:120/90-18 65H(2.0 kg/cm ²)		
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	See ENGINE Above		
Primary Drive Type / Teeth / Ratio	Spur Gears / 97-58 / 1.672		
Secondary Drive Type / Teeth / Chain	Shaft Drive / 49-36 x 19-18 x 32-11 / Ø		
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.6mm		
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm		
Middle Gear Case Capacity	Ø		
Final Gear Case Capacity	200cc		
Gear Case Lubricant: Temp. Above 5°C (40°F)	SAE 90 Hypoid Gear Oil GL-4		
Temp. Below 15°C (60°F)	SAE 80 Hypoid Gear Oil GL-4		
All Weather Conditions	SAE 80W90 Hypoid Gear Oil GL-4		

PAGE 1 OF 2

SERVICE DATA

FILE MOTORCYCLE - 750 SECTION	DATE 10/9/81	SU. M81-034
CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave	
Battery: Model / Specific Gravity / Charge Rate	V814L-A2 (12V 14AH) / 1.28 / 1.4A	
Maximum Output	14V 19A @ 5000 rpm	
TROUBLESHOOTING	Motor: Grn ~ Blk / 4.7Ω ± 10% Stator: Wht ~ Wht / 0.45Ω ± 10%	
Field Coil Color Code / Ø	Ø	
Charge Coil Color Code / Ø	Ø	
IGNITION SYSTEM	Transistor Controlled Ignition	
Ignition Timing	Std: 7° BTDC @ 1050 rpm Adv: 37.5 ± 2° @ 4000 rpm	
Spark Plug Type	NGK BP7ES or Nippon Denso W22EP	
Spark Plug Gap / Torque / Cap Ø	0.7 ~ 0.8mm / 2.0m-kg/Cyl. 184.8KΩ:1% / Cyl. 283.10KΩ:1%	
Point Gap / Condenser Capacitance	Ø / Ø	
TROUBLESHOOTING		
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.5Ω ± 10% / 11KΩ ± 20%	
Pulser Coil or Pickup Coil Color Code / Ø	Org ~ Blk, Grn ~ Blk / 660Ω ± 20%	
Source Coil Color Code / Ø	Ø	
LIGHTING SYSTEM		
Headlight / Taillight / Signal Rating	12V60-55W / 12V27-8W / 12V27W	
TROUBLESHOOTING		
Lighting Coil Color Code / Ø	Ø	
TORQUE VALUES		
Front Axle Nut	14 x 1.50: 10.7 m-kg	
Front Axle Holder Nut	8 x 1.25: 2.0 m-kg	
Rear Axle Nut	14 x 1.50: 10.0 m-kg	
Rear Axle Finch Bolt	8 x 1.25: 0.6 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	Bolt 6 x 1.0: 1.0 m-kg	
Cylinder Head:	Nut 10 x 1.25: 3.2 m-kg (Apply Oil)	
Engine Mounting Bolts: Front Upper	10 x 1.25: 4.2 m-kg	
Front Lower	10 x 1.25: 4.2 m-kg	
Front Lower	12 x 1.25: 7.0 m-kg	
Stay	8 x 1.25: 2.0 m-kg	

Ø = Does Not Apply To This Model

NA = Information Not Available

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HC/CO SPECIFICATIONS WITH YICS TOOL INSTALLED

Max CO = 6.0% / Max HC = 800 ppm / Set CO = 3.0%

The Idle rpm should be 1050 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 (950 ~ 1000 rpm).

PUBLICATION	SERVICE LITERATURE PART NUMBER	REMARKS
Owner's Manual	LIT-11626-02-82	
Service Manual	LIT-11616-02-34	Same as XJ750RH Supp to XJ650G (01-94) Same As XJ750RH
Assembly Manual	LIT-11666-02-34	
Consumer Information	LIT-11666-02-82	

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SERVICE DATA

FILE MOTORCYCLE - 750 SECTION

DATE 11/5/82

BUL M62-038

XJ750RK 1983 SERVICE DATA

MODEL - FRAME ID. NUMBER	XJ750RK 5G2	
Initial Engine Number / Frame Number	5G2-150101 / JYA5G200()DA150101	
Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 19 Lit. / 3.6 Lit.	
ENGINE TYPE	4-Stroke, DOHC, Parallel Four	
Bore/Stroke/Number Cylinders/Displacement	65mm / 56.4mm / 4 / 748cc	
Compression Ratio/Compression Pressure Min~Max	9.2:1 / 8.0 ~ 11.0 kg/cm ²	
Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.10mm	
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm	
Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm / 0.16 ~ 0.20mm	
Oiling System	Wet Sump	
Capacity: Dry	3500cc	
Oil and Filter Change	2800cc	
Oil Change Only	2500cc	
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4* or SAE 20W40 SE or SF	
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF	
Cooling System / Capacity	Air / Ø	
Coolant Type / Mixing Ratio	Ø / Ø	
CHARGING SYSTEM	Ø	
Minimum Output @ 200 Cycles	Ø	
Maximum Output @ 200 Cycles	Ø	
IGNITION SYSTEM	Hitachi / HSC32 / 5G2-00	
Main Jet / Pilot Jet	120 / 40	
Needle Jet / Jet Needle-Clip Position	3.2 / Y-13 Fixed	
Slide Cutaway	Ø	
Float Level / Fuel Level	NA / 3.0 ± 1mm	
Idle rpm	1050 rpm	
Max CO* / Max HC* / Set CO (Using YICS Tool)	6% / 800 ppm / 3% (All Settings @ Idle)	
TIRE INFORMATION		
Front: Inner Tube Diameter	36mm	
Oil Type / Level / Qty	20 Wt. Fork Oil* / NA / 309cc	
Gas Pressure Min ~ Max / Standard	0.4 ~ 1.2 kg/cm ² / 0.4 kg/cm ²	
Spring Length Std	604.9mm	
Rear: Gas Pressure Min ~ Max / Standard	Ø	
Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm	
Tire Size (Nominal Pressure) Front / Rear	3.25H19 (1.8 kg/cm ²) / 120/90-18 65H (2.0 kg/cm ²)	
DRIVE TRAIN / CHAIN / GEAR CASE	See ENGINE Above	
Secondary Drive Type / Teeth / Chain	Shaft / 49-36 x 19-18 x 32-11 / Ø	
Middle Gear Case Capacity	Ø	
Final Gear Case Capacity	200cc	
Gear Case Lubricant	SAE 80W90 Hypoid Gear Oil GL-4	

FILE MOTORCYCLE - 750 SECTION

DATE 11/5/82

BUL M62-038

CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	YB14L-A2 (12V14AH) / 1.28 / 1.4A
Maximum Output	14V19A @ 5000 rpm
Field Coil Color Code / Ø	Grn ~ Brn / 4.00 ± 10%
Stator Coil Color Code / Ø	Wht ~ Wht / 0.460 ± 10%
Charge Coil Color Code / Ø	Ø

IGNITION SYSTEM	Transistor Controlled Ignition
Ignition Timing	7° @ 1050 rpm Full Adv: 37.5 ± 2° @ 4000 rpm
Spark Plug Type	NGK BP7ES or ND W22EP-U
Spark Plug Gap / Torque / Cap Ø	0.7 ~ 0.8mm / 2.0m-kg / 1&4: 5KΩ ± 10% 2&3: 10KΩ ± 10%
Point Gap / Condenser Capacitance	Ø
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.50 ± 10% / 11KΩ ± 20%
Pulser Coil or Pickup Coil Color Code / Ø	Org ~ Blk, Gry ~ Blk / 650Ω ± 20%
Source Coil Color Code / Ø	Ø

LIGHTING SYSTEM	12V60-55W / 12V27-8W / 12V27W
Headlight / Taillight / Signal Rating	Ø
Lighting Coll Color Code / Ø	Ø

TOOL / SPANNERS / TENSIONERS	
Front Axle Nut	M14: 10.7 m-kg
Front Axle Holder Nut	M8: 2.0 m-kg
Rear Axle Nut	M14: 10.0 m-kg
Rear Axle Pinch Bolt	M8: 0.6 m-kg
Clutch Nut	M20: 7.0 m-kg
Drain Plug	M14: 4.3 m-kg
Flywheel Nut	Ø
Cylinder Head Cover	M6: 1.0 m-kg
Cylinder Head:	M10: 3.2 m-kg
Engine Mounting Bolts: Front Upper	M10: 4.2 m-kg
Front Lower	M10: 4.2 m-kg
Front Lower	M12: 7.0 m-kg
Stay	M8: 2.0 m-kg

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SERVICE LITERATURE

PUBLICATION	PART NUMBER	REMARKS
Owner's Manual	LIT-11626-03-40	
Service Manual	LIT-11616-XJ-70	
Assembly Manual	LIT-11666-03-40	Same as XJ750RH, RJ Supp. to XS / XJ / XV / XZ / RD Basic Assembly Manual (03-85)
Consumer Information	LIT-11656-03-40	