YAMAHA

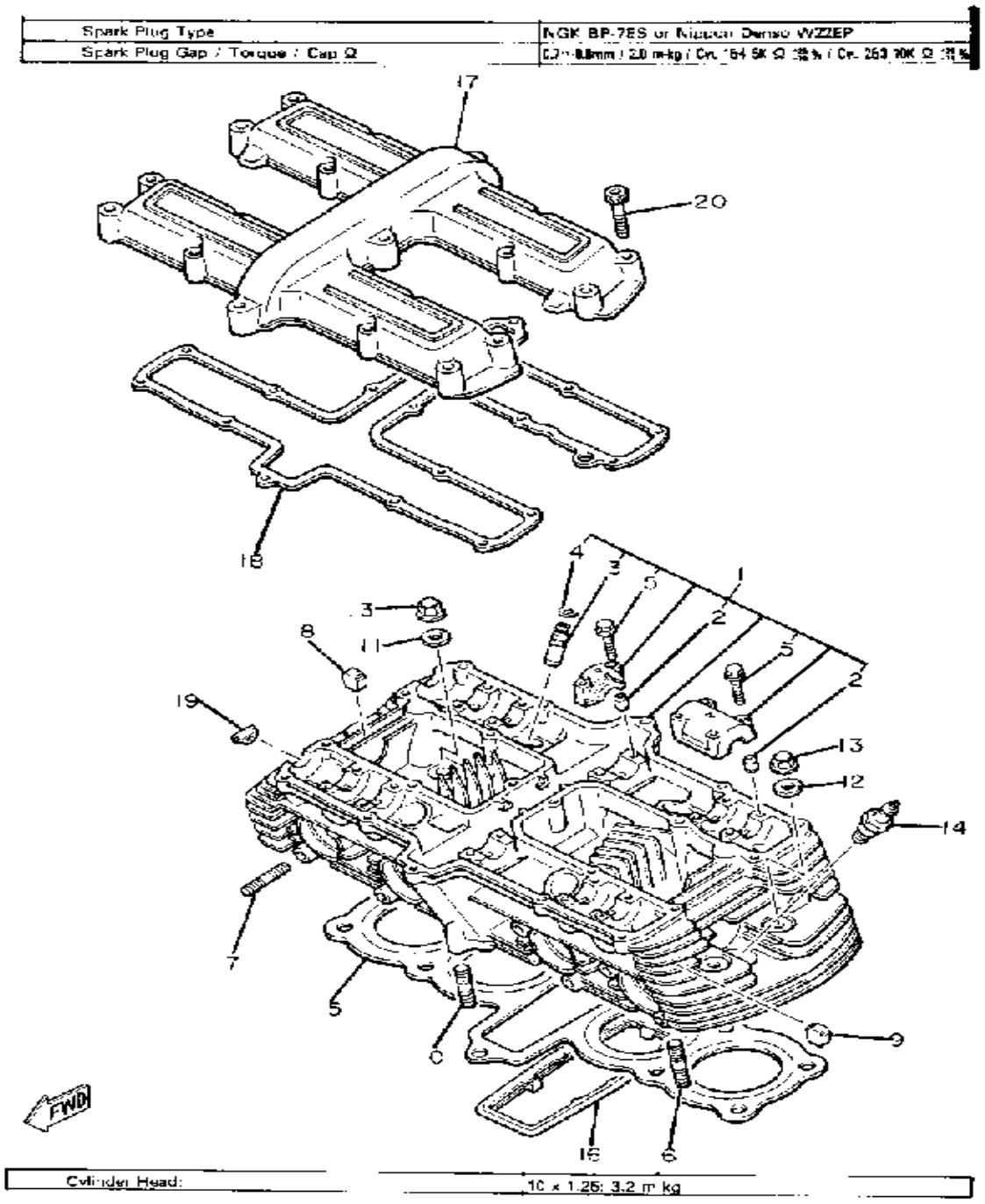
GENUINE

PARTS CATALOGUE

MOTORCYCLE

A1

XJ650G

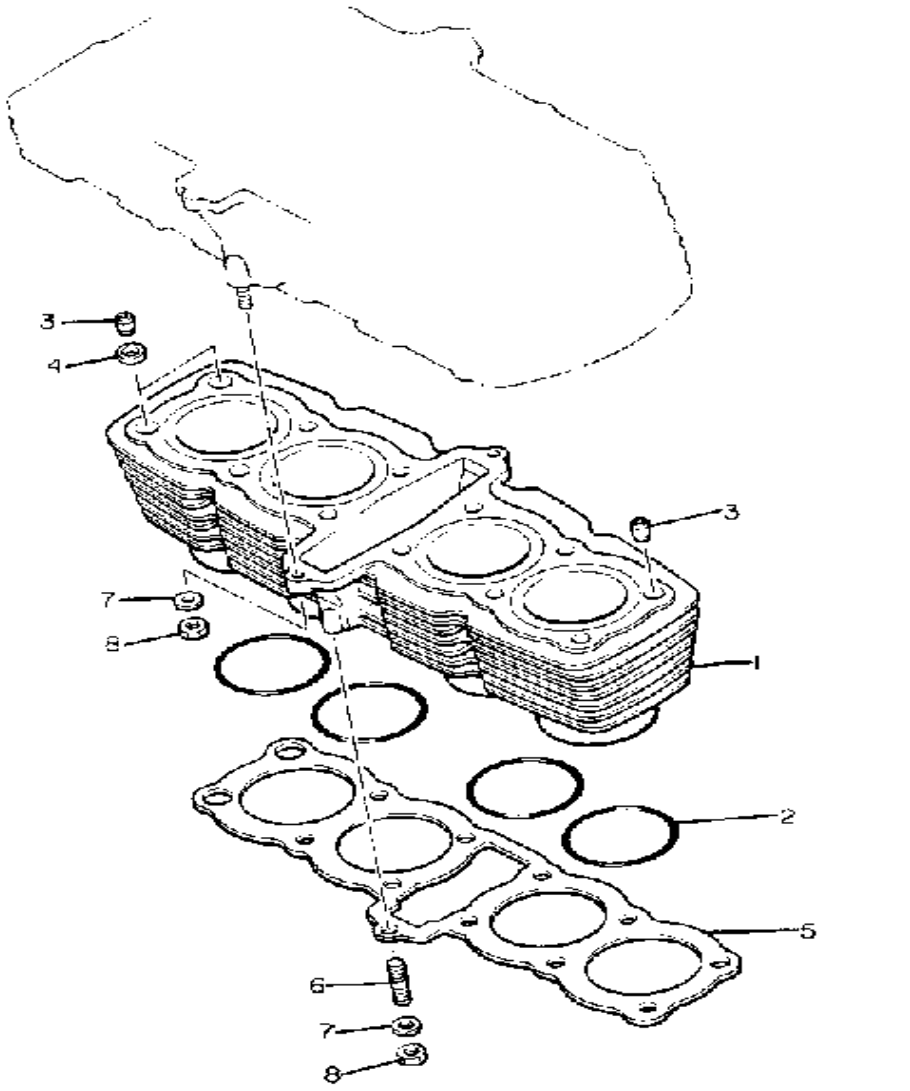


CYLINDER HEAD

Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-11110-00-00)	CYLINDER HEAD ASSEMBLY .	1	
2	99510-08016-00	. PIN, DOWEL	12	
3	4H7-11133-10-00	. GUIDE, INTAKE VALVE	8	
4	93440-12052-00	. CIRCLIP	8	
5	90105-06153-00	. BOLT, WASHER BASED	20	
6	95612-08325-00	BOLT, STUD (95601-08325) . . .	1	
7	95611-06630-00	BOLT, STUD	8	
8	434-11161-00-00	ABSORBER 1	8	
9	4H7-11161-00-00	ABSORBER 1	14	
10	(4H7-W0001-90-00)	GASKT KIT TE XJ6 0		SEE GRID G1 FOR KITCOMPONENT PARTS
	95611-08330-00	BOLT, STUD	1	
11	90201-10131-00	WASHER, PLATE	10	
12	90201-10128-00	WASHER, PLATE	2	
13	90176-10049-00	NUT, CROWN	12	
14	NGK-BP7ES-00-00	PLUG, SPARK (NGK BP-7ES) .	1	
15	4H7-11181-02-00	GASKET, CYLINDER HEAD 1 .	1	
16	5G2-11355-00-00	SEAL, CYLINDER 1	1	
17	4H7-11191-00-00	COVER, CYLINDER.HEAD 1 . .	1	
18	4H7-11193-00-00	GASKET, HD.COVER 1	1	
19	1J7-11138-00-00	PLUG	2	
20	91311-06035-00	BOLT, SOCKET HEAD	20	

CYLINDER

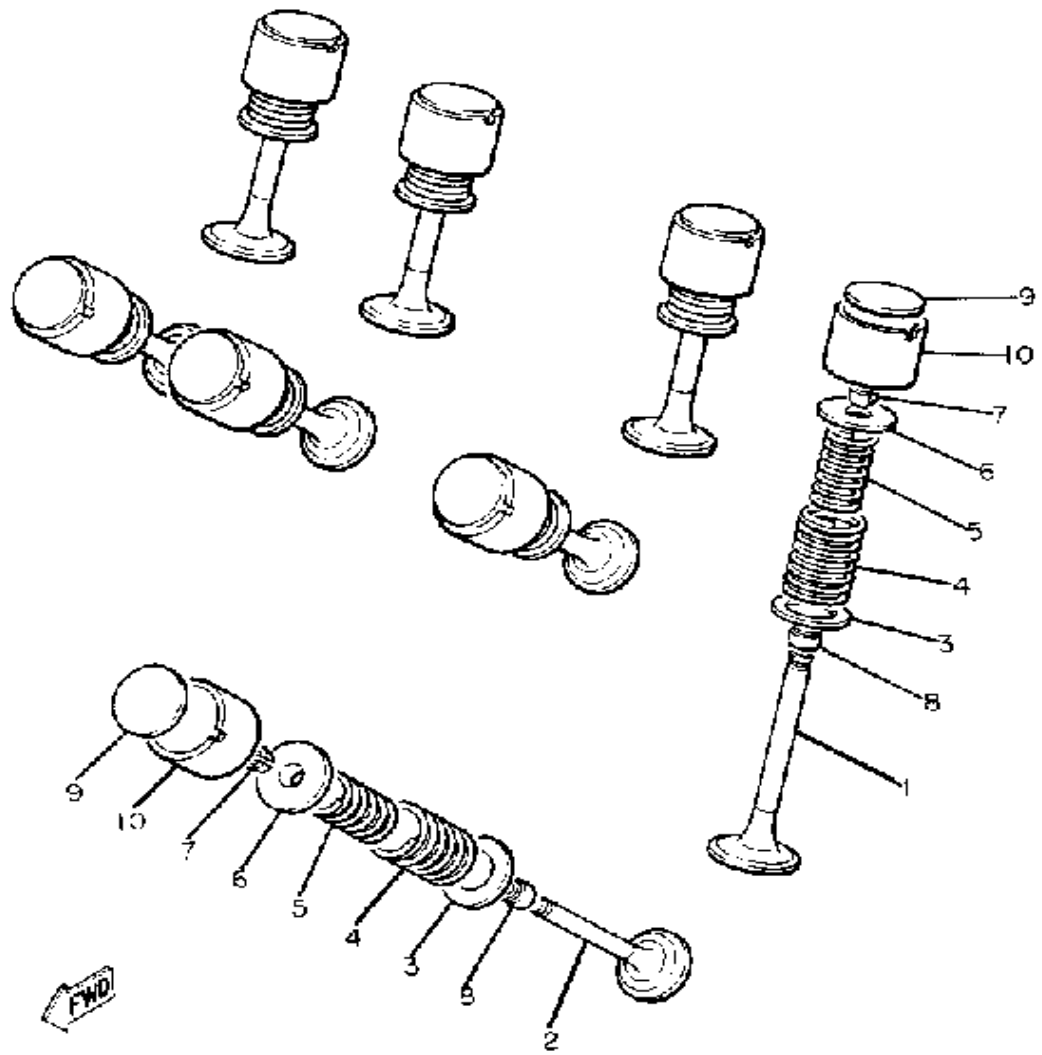
Bore / Stroke / Number Cylinders / Displacement cc	63mm / 52.4mm / 4 / 653cc
Compression Ratio/Compression Pressure Min. ~ Max	9.2:1 / NA



Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-11310-00-00)	CYLINDER	1	
2	93210-69434-00	O-RING	4	
3	99530-14016-00	PIN, DOWEL	4	
4	90430-14131-00	GASKET	2	
5	4BB-11351-00-00	GASKET, CYLINDER (5G2-11351-00)	1	
6	95611-08330-00	BOLT, STUD	1	
7	90201-084G3-00	WASHER, PLATE	3	
8	95333-08600-00	NUT	3	

Initial Engine Number / Frame Number	4H7-000101 / 4H7-000101

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

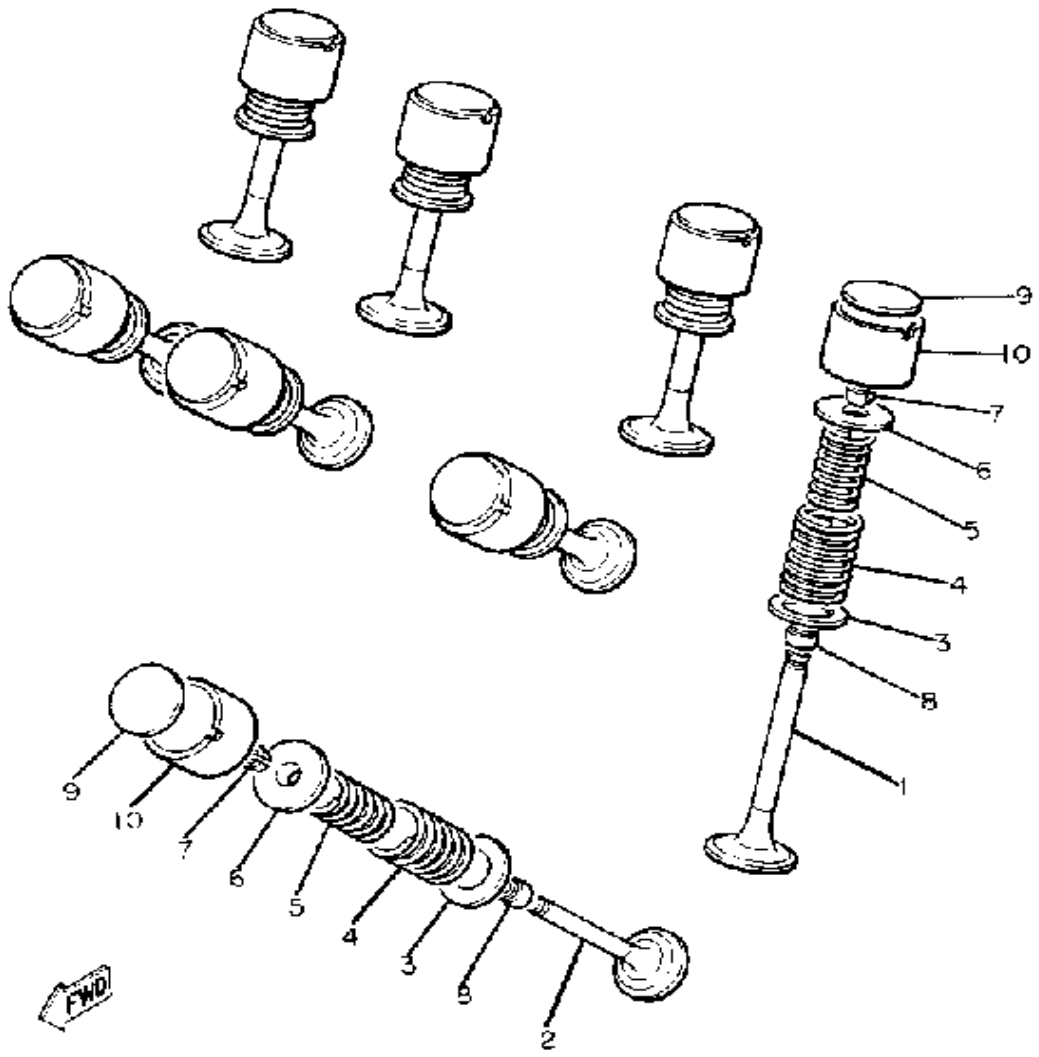


VALVE

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 (2.00) . .	8	U.R.
	1J7-12169-11-00	PAD, ADJUSTING 2.05 (2.05) . .	8	U.R.
	1J7-12169-21-00	PAD, ADJUSTING 2.10 (2.10) . .	8	U.R.
	1J7-12169-31-00	PAD, ADJUSTING 2.15 (2.15) . .	8	U.R.
	1J7-12169-41-00	PAD, ADJUSTING 2.20 (2.20) . .	8	U.R.
	1J7-12169-51-00	PAD, ADJUSTING 2.25 (2.25) . .	8	U.R.
	1J7-12169-61-00	PAD, ADJUSTING 2.30 (2.30) . .	8	U.R.
	1J7-12169-71-00	PAD, ADJUSTING 2.35 (2.35) . .	8	U.R.
	1J7-12169-81-00	PAD, ADJUSTING 2.40 (2.40) . .	8	U.R.
	1J7-12169-91-00	PAD, ADJUSTING 2.45 (2.45) . .	8	U.R.
	1J7-12169-A1-00	PAD, ADJUSTING 2.50 (2.50) . .	8	U.R.
	1J7-12169-E1-00	PAD, ADJUSTING 2.55 (2.55) . .	8	U.R.
	1J7-12169-F1-00	PAD, ADJUSTING 2.60 (2.60) . .	8	U.R.
	1J7-12169-G1-00	PAD, ADJUSTING 2.65 (2.65) . .	8	U.R.
	1J7-12169-H1-00	PAD, ADJUSTING 2.70 (2.70) . .	8	U.R.
	1J7-12169-J1-00	PAD, ADJUSTING 2.75 (2.75) . .	8	U.R.
	1J7-12169-K1-00	PAD, ADJUSTING 2.80 (2.80) . .	8	U.R.
	1J7-12169-L1-00	PAD, ADJUSTING 2.85 (2.85) . .	8	U.R.
	1J7-12169-M1-00	PAD, ADJUSTING 2.90 (2.90) . .	8	U.R.
	1J7-12169-N1-00	PAD, ADJUSTING 2.95 (2.95) . .	8	U.R.
	1J7-12169-R1-00	PAD, ADJUSTING 3.00 (3.00) . .	8	U.R.

CONTINUED ON NEXT FRAME ➤

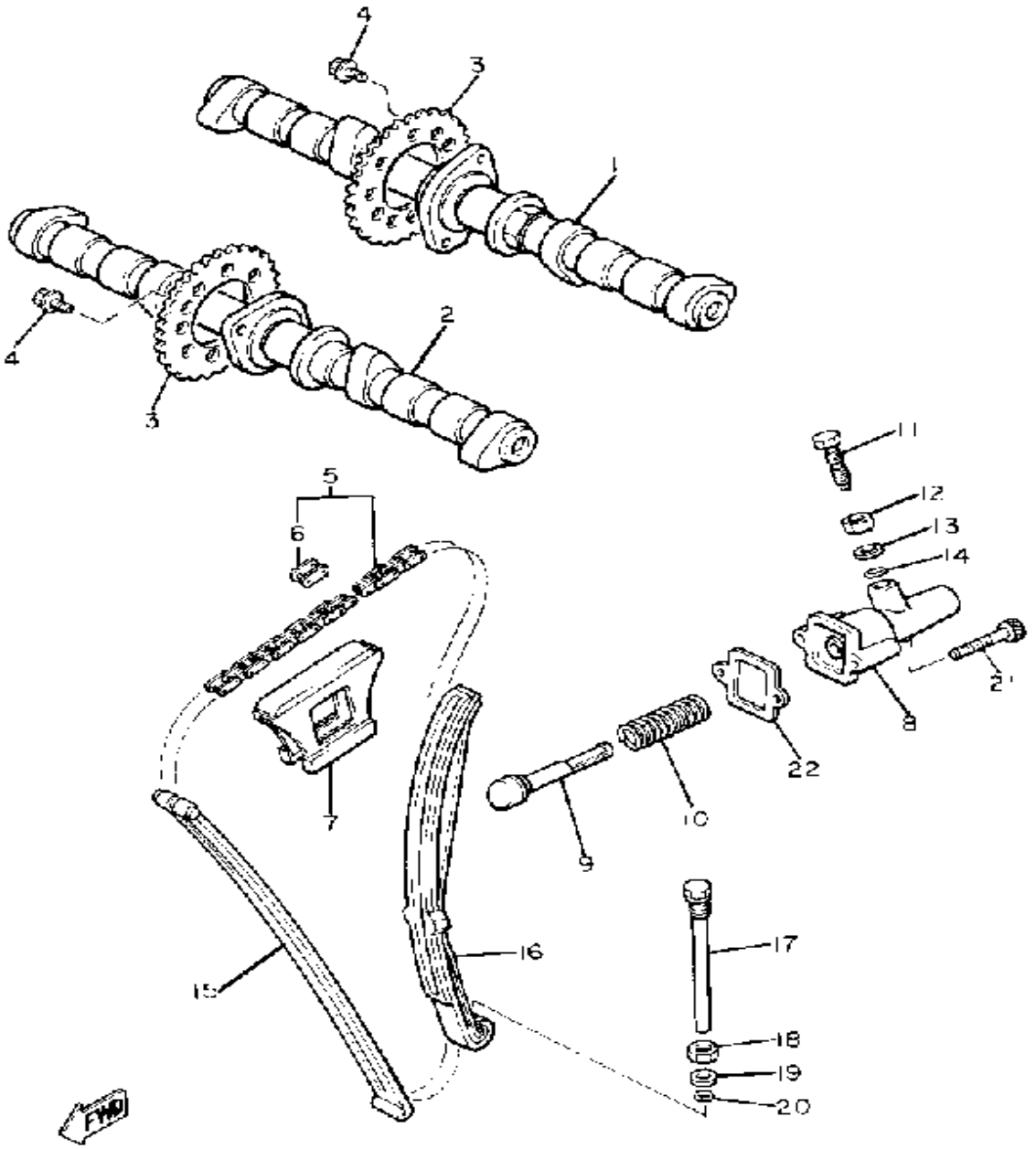
Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm / 0.16 ~ 0.20mm



VALVE

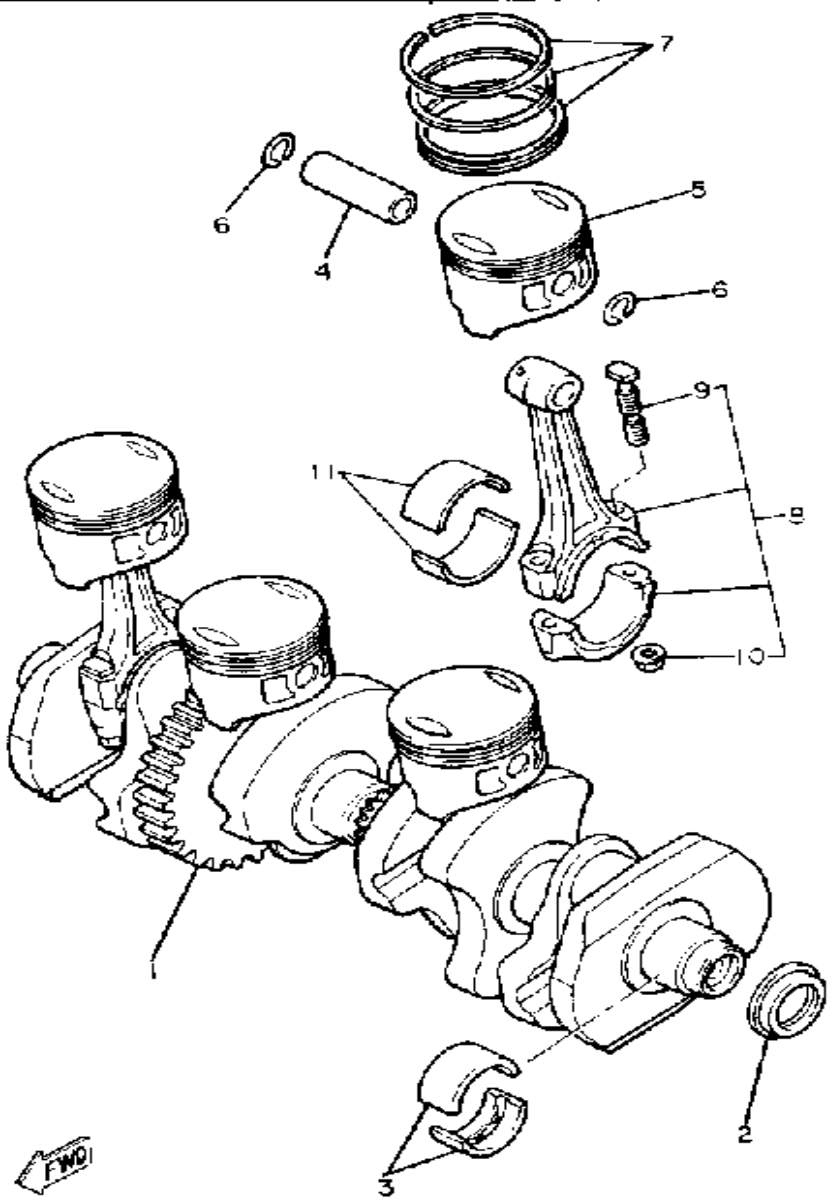
Ref. No.	Part Number	Description	Qty	Remarks
9	1J7-12169-T1-00	PAD, ADJUSTING 3.05 (3.05) . .	8	U.R.
	1J7-12169-U1-00	PAD, ADJUSTING 3.10 (3.10) . .	8	U.R.
	1J7-12169-V1-00	PAD, ADJUSTING 3.15 (3.15) . .	8	U.R.
	1J7-12169-W1-00	PAD, ADJUSTING 3.20 (3.20) . .	8	U.R.
10	31A-12153-00-E0	LIFTER, VALVE (4H7-12153-01)	8	

CAMSHAFT-CHAIN



Ref. No.	Part Number	Description	Qty	Remarks
2	4H7-12181-00-00	CAMSHAFT 2	1	
3	4H7-12176-01-00	SPROCKET, CAM CHAIN	2	
4	90105-07087-00	BOLT, WASHER BASED	4	
5	94500-02120-00	CHAIN (BF05M-120L)	1	
6	94600-02001-00	. JOINT, CHAIN (BF05M)	1	
7	4H7-12241-00-00	GUIDE, STOPPER 2	1	
8	4K0-12212-00-00	CASE, CHAIN TENSNR	1	
9	4H7-12217-01-00	ROD, CHN TENSIONER	1	
10	4H7-12171-00-00	CAMSHAFT 1	1	
	90501-16417-00	SPRING, COMPRESSION	1	
11	90109-08442-00	BOLT	1	
12	95303-08700-00	NUT	1	
13	92901-06600-00	WASHER	1	
14	93210-06632-00	O-RING	1	
15	4H7-12251-00-00	DAMPER, CHAIN 1	1	
16	4H7-12252-00-00	DAMPER, CHAIN 2	1	
17	90109-10570-00	BOLT	1	
18	95303-10700-00	NUT	1	
19	92901-08600-00	WASHER	1	
20	93210-08006-00	O-RING	1	
21	91311-06040-00	BOLT	2	
22	4H7-12213-00-00	GASKET, TENSNR CASE	1	

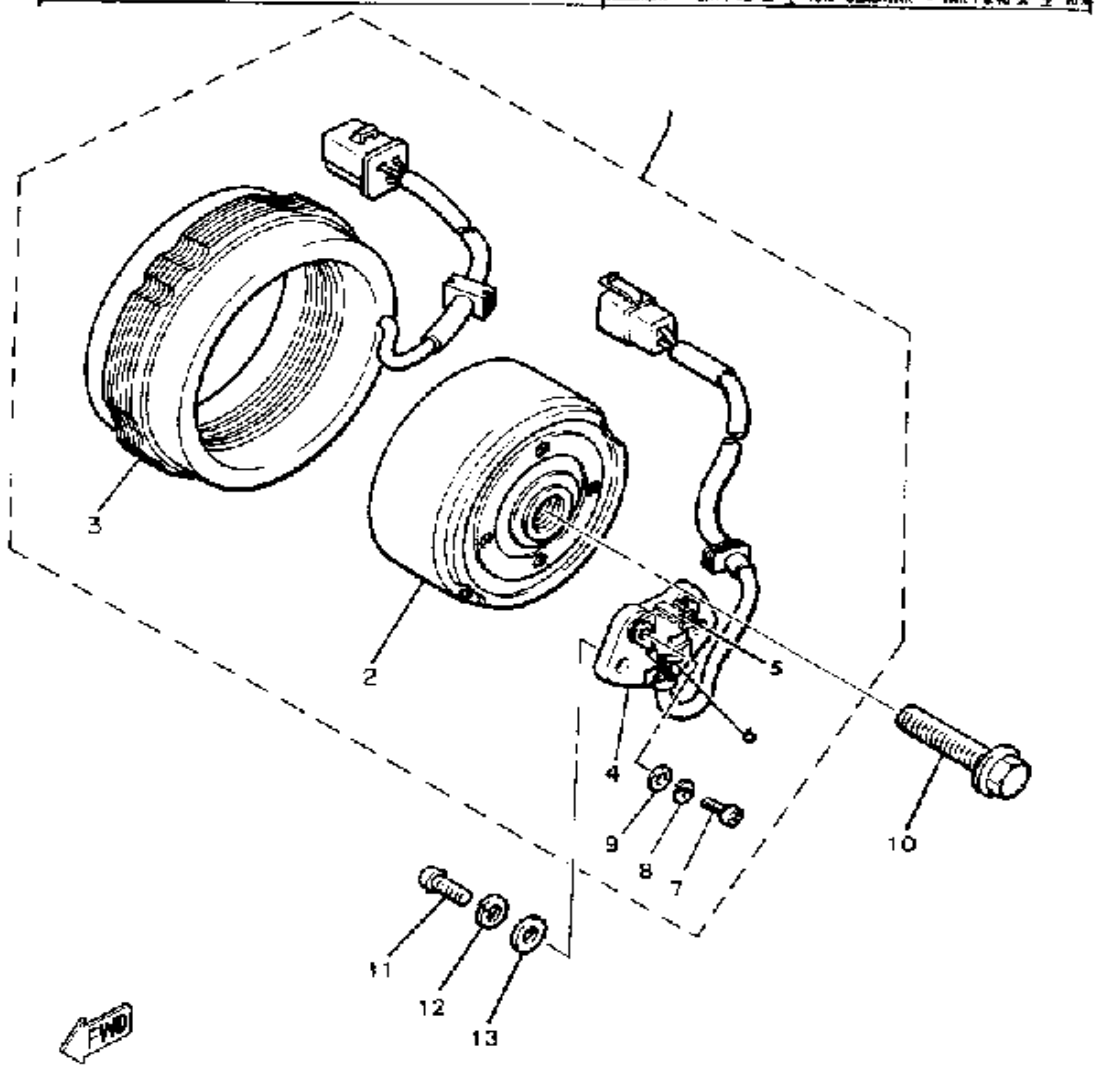
Piston Skirt Clearance New / Max	0.030 ~ 0.050mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm



CRANKSHAFT-PISTON

Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-11411-10-00)	CRANKSHAFT	1	
2	93101-32144-00	OIL SEAL	1	
3	4H7-11416-01-00	PLANE BRNG, CRSF 1	10	U.R.
	4H7-11416-11-00	PLANE BRNG, CRSF 1	10	U.R.
	4H7-11416-21-00	PLANE BRNG, CRSF 1	10	U.R.
	4H7-11416-31-00	PLANE BRNG, CRSF 1	10	U.R.
	4H7-11416-41-00	PLANE BRNG, CRSF 1	10	U.R.
4	4H7-11633-00-00	PIN, PISTON	4	
5	4H7-11631-00-00	PISTON STD	4	
	4H7-11635-00-00	PISTON 1 O/S 0.5	4	ALTERNATE PART
	4H7-11636-00-00	PISTON 2 O/S 0.0	4	ALTERNATE PART
	4H7-11637-00-00	PISTON 3 O/S 0.5	4	ALTERNATE PART
	4H7-11638-00-00	PISTON 4 O/S 1.0	4	ALTERNATE PART
6	93450-17044-00	CIRCLIP	8	
7	4H7-11610-00-00	PISTON RINGSET STD	4	
	4H7-11610-10-00	PISTON RINGSET 1ST	4	ALTERNATE PART
	4H7-11610-20-00	PISTON RINGSET 2ND (2ND O/S)	4	ALTERNATE PART
	4H7-11610-30-00	PISTON RINGSET 3RD	4	ALTERNATE PART
	4H7-11610-40-00	PISTON RINGSET 4TH	4	ALTERNATE PART
8	4H7-Y1165-00-00	CONNECTING ROD ASSEMBLY	4	
9	4H7-11654-00-00	. BOLT, CONNECTING ROD	2	
10	90179-07307-00	. NUT	2	
11	4H7-11656-11-00	PLANE BRNG, CON ROD	8	U.R.
	5G2-11656-00-00	PLANE BRNG, CON RODCONNECTING ROD	8	U.R.
	5G2-11656-20-00	PLANE BRNG, CON RODCONNECTING ROD	8	U.R.
	5G2-11656-30-00	PLANE BRNG, CON RODCONNECTING ROD	8	U.R.

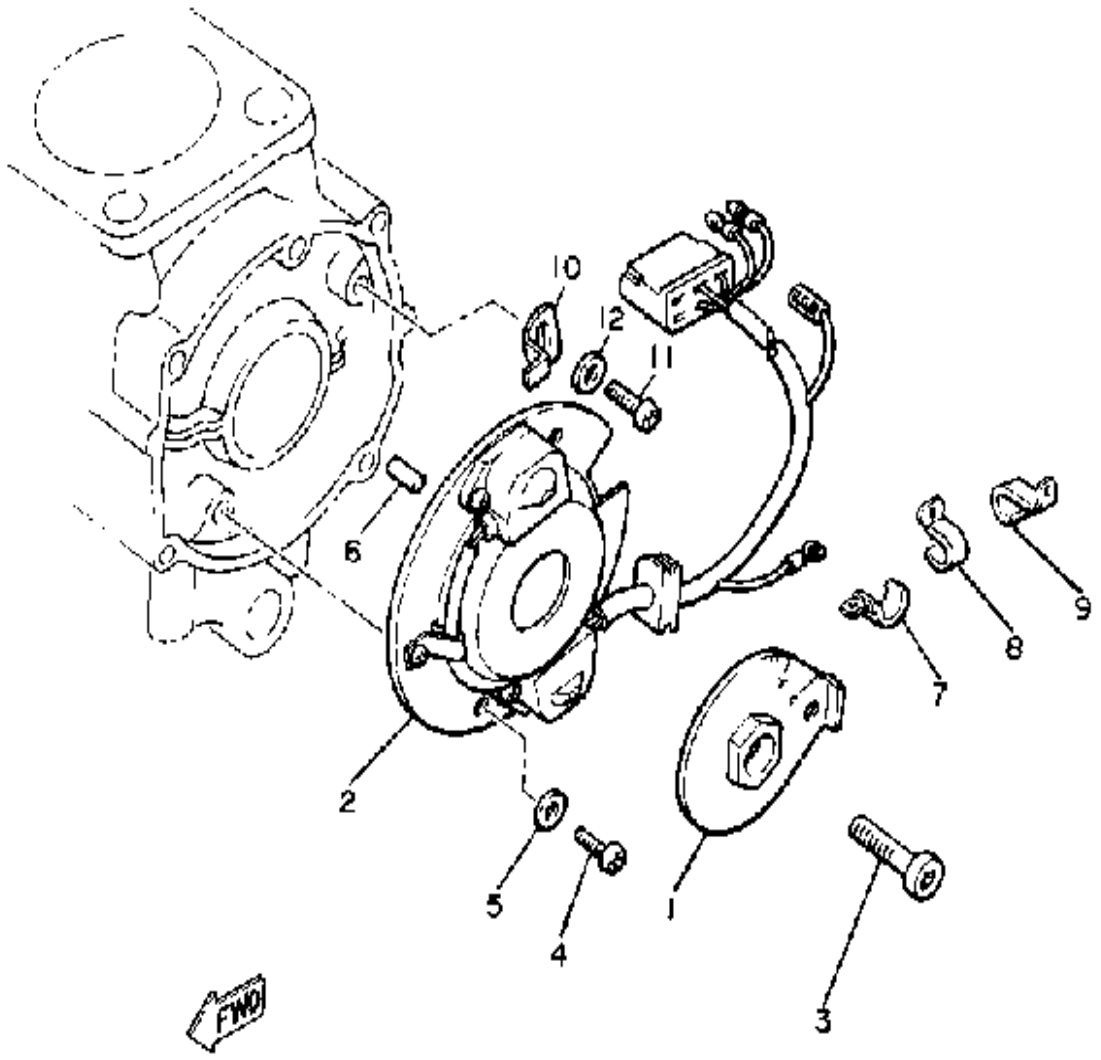
CHARGING SYSTEM	AC Generator / 3 Phase / Full Wave
Battery Model / Specific Gravity / Chg. Rate	Yuasa 12N12A-4A-1 / 12V12AH / 1.26 / 1.2A
Maximum Output	14V19A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	Rotor:Grn ~ Brn / 4.0 Ω ± 10% Stator:Wht ~ Wht / 0.46 Ω ± 10%



A - C - GENERATOR

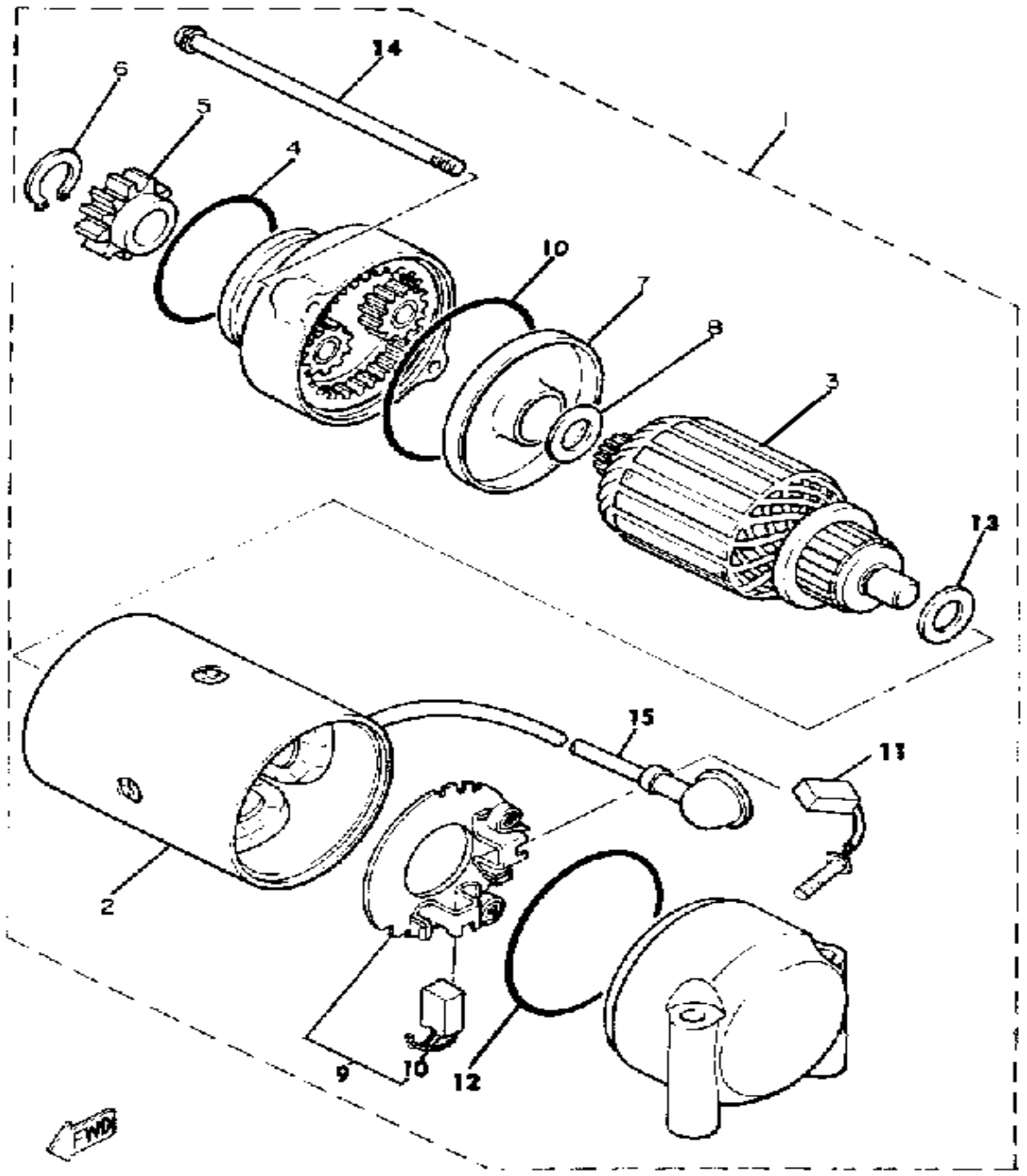
Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-81600-10-00)	AC GENERATOR ASSEMBLY .	1	
2	4H7-81650-10-00	. ROTOR ASSEMBLY	1	
3	4H7-81610-10-00	. STATOR ASSEMBLY	1	
4	4H7-81619-10-00	. BRUSH HOLDER ASSEMBLY	1	
5	46X-81611-10-00	. . BRUSH 1	1	
6	4G0-81612-10-00	. . BRUSH 2	1	
7	98511-04012-00	SCREW, PAN HEAD	2	
8	92901-04100-00	. WASHER, SPRING	2	
9	92901-04600-00	. WASHER, PLATE	2	
10	90105-10152-00	BOLT, WASHER BASED	1	
11	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
12	92995-06100-00	WASHER, SPRING	2	
13	92901-06600-00	WASHER	2	

PICKUP COIL - GOVERNOR



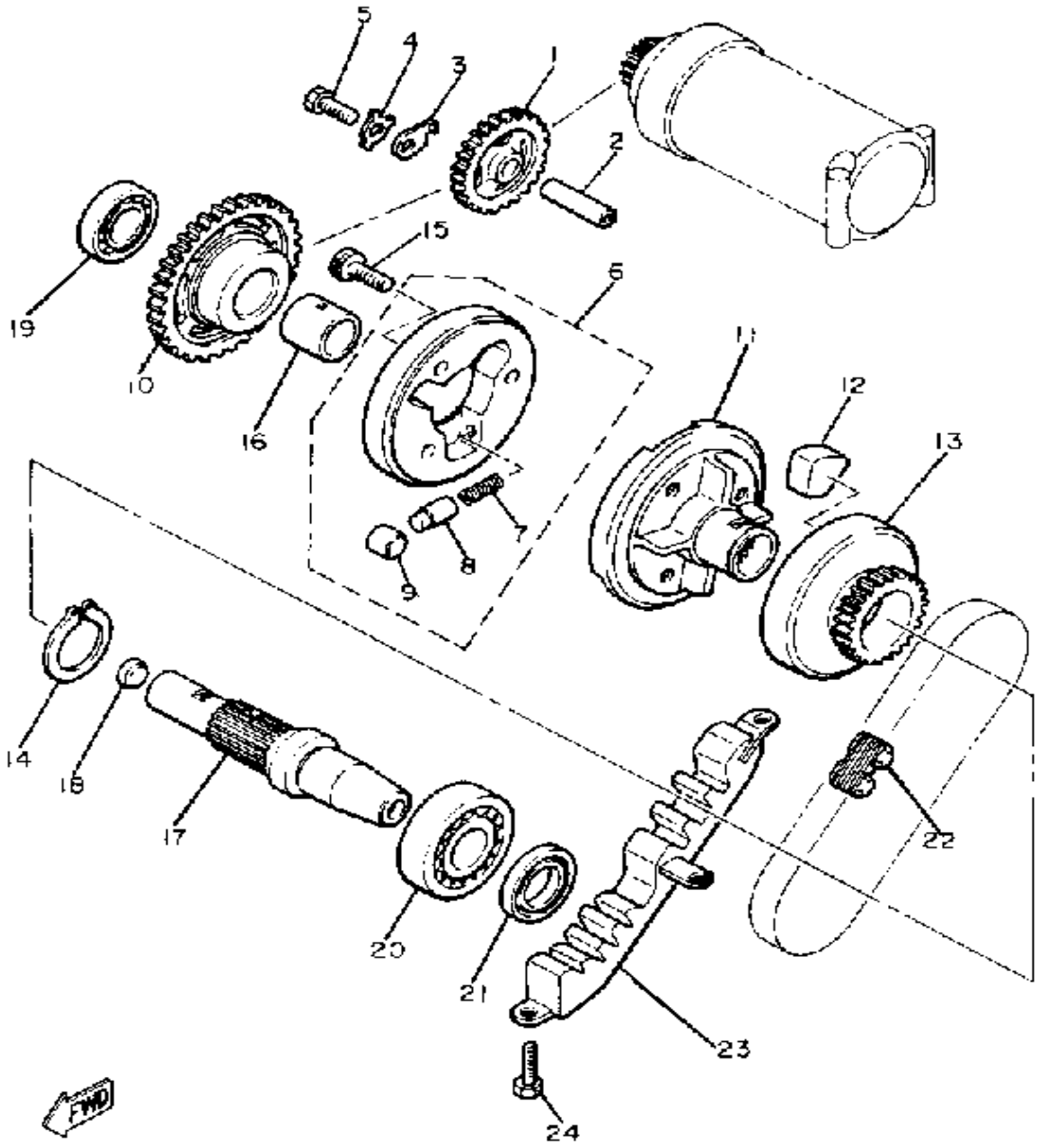
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-81673-10-00	ROTOR	1	
2	5G2-81671-10-00	BASE, PICKUP	1	
3	91316-08030-00	BOLT, SOCKET HEAD	1	
4	98580-06012-00	SCREW, PAN HEAD	2	
5	92990-06200-00	WASHER	2	
6	93604-08071-00	PIN, DOWEL	1	
7	90465-08277-00	CLAMP	2	
8	90465-08156-00	CLAMP	1	
9	(90465-12159-00)	CLAMP	1	
10	4H7-81632-00-00	PLATE, TIMING	1	
11	98580-06012-00	SCREW, PAN HEAD	1	
12	92990-06200-00	WASHER	1	

STARTING MOTOR



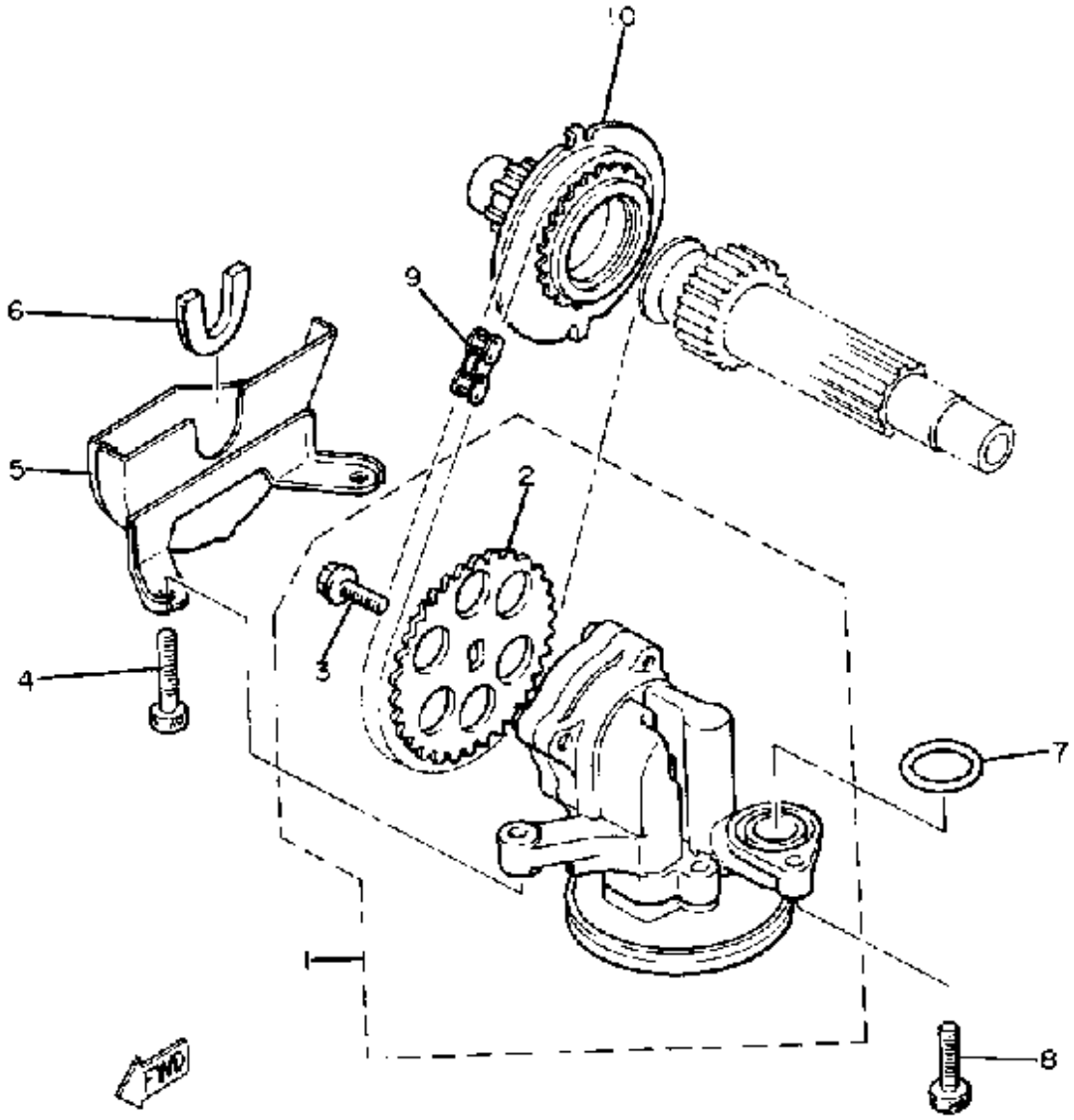
Ref. No.	Part Number	Description	Qty	Remarks
1	4BB-81800-00-00	STARTING MOTOR ASSEMBLY	1	
2	4H7-81810-01-00	. STATOR ASSEMBLY	1	
3	4H7-81850-00-00	. ARMATURE ASSEMBLY	1	
4	4H7-81847-01-00	. O-RING	1	
5	4H7-15511-01-00	. GEAR, STARTING MTR	1	
6	4H7-81819-00-00	. CIRCLIP	1	
7	(4H7-81845-00-00)	PLATE	1	
8	4H7-81843-50-00	. WASHER 1	1	
9	4H7-81840-01-00	. BRUSH HOLDER ASSEMBLY	1	
10	4H7-81844-00-00	. O-RING (4H7-81844-50-00)	2	
11	(4H7-81824-00-00)	WASHER 2	1	
12	4H7-81826-01-00	. BOLT	2	
13	(4H7-81824-00-00)	WASHER 2	1	
14	4H7-81826-01-00	. BOLT	2	
15	4H7-81815-00-00	. WIRE, STARTER	1	

STARTER CLUTCH



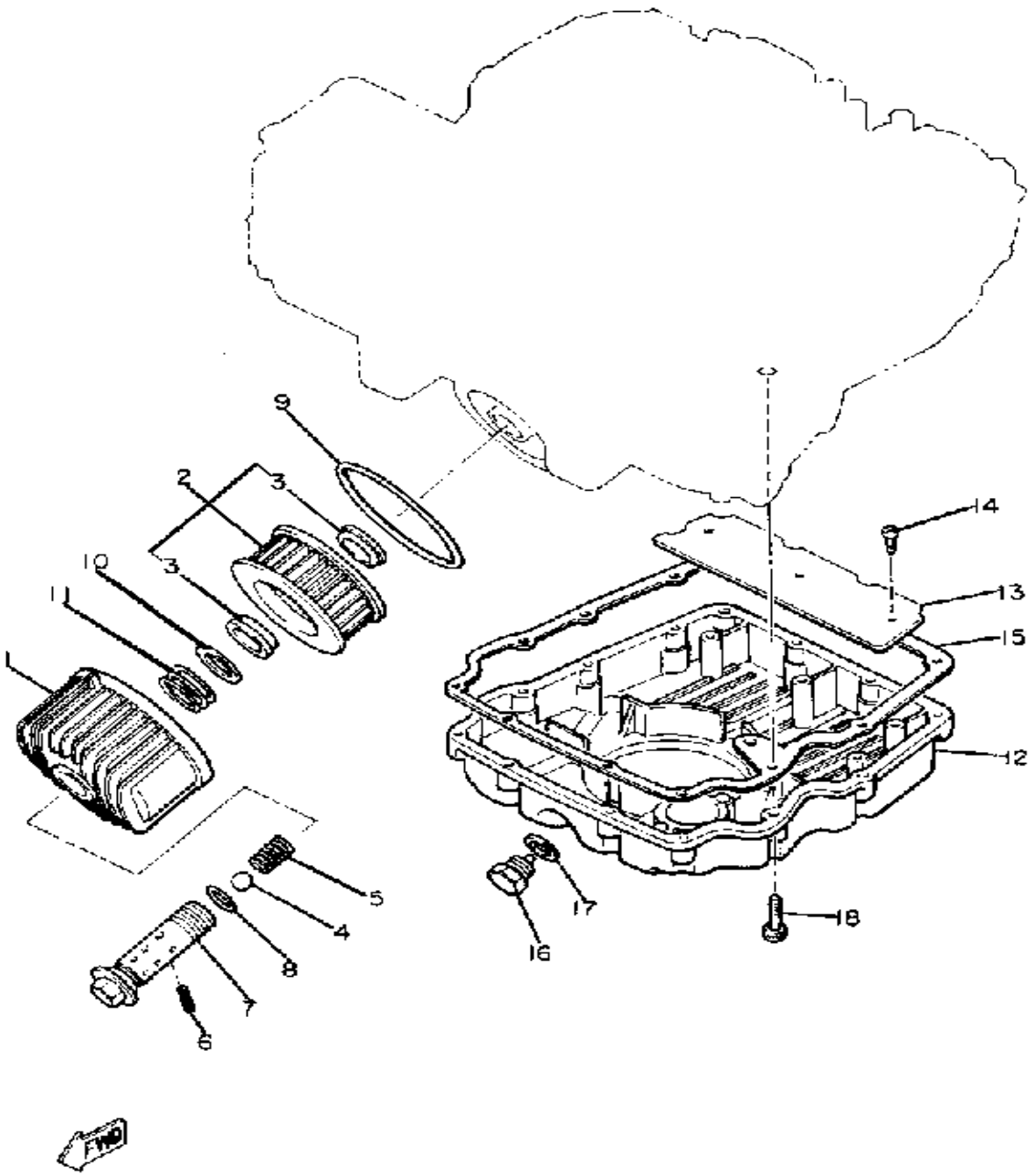
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-15512-00-00	GEAR, IDLER 1	1	
2	4H7-15521-00-00	SHAFT 1	1	
3	2H7-15531-00-00	PLATE, STOPPER	1	
4	90215-06040-00	WASHER, LOCK	1	
5	97313-06016-00	BOLT, HEXAGON	1	
6	4H7-15580-10-00	STARTER CLUTCH OUTER ASSEMBLY	1	
7	90501-04596-00	. SPRING, COMPRESSION	3	
8	341-15583-05-00	. CAP, STR CLUTCH SPR -CLUTCH SPRING	3	
9	93615-12088-00	. PIN, DOWEL	3	
10	4H7-15517-00-00	GEAR, IDLER 2	1	
11	4H7-15524-00-00	WHEEL, STARTER	1	
12	4H7-16155-01-00	ABSORBER 1	8	
13	4H7-15519-00-00	SPROCKET, STARTER 2	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, TIGHT	1	
19	93306-00426-00	BEARING	1	
20	93306-20541-00	BEARING (B6205)	1	
21	93102-25218-00	OIL SEAL, SD-TYPE	1	
22	4H7-11456-00-00	CHAIN, PRIMARY	1	
23	4H7-11474-01-00	GUIDE, UPPER	1	
24	97301-06014-00	BOLT, HEXAGON	3	

OIL PUMP



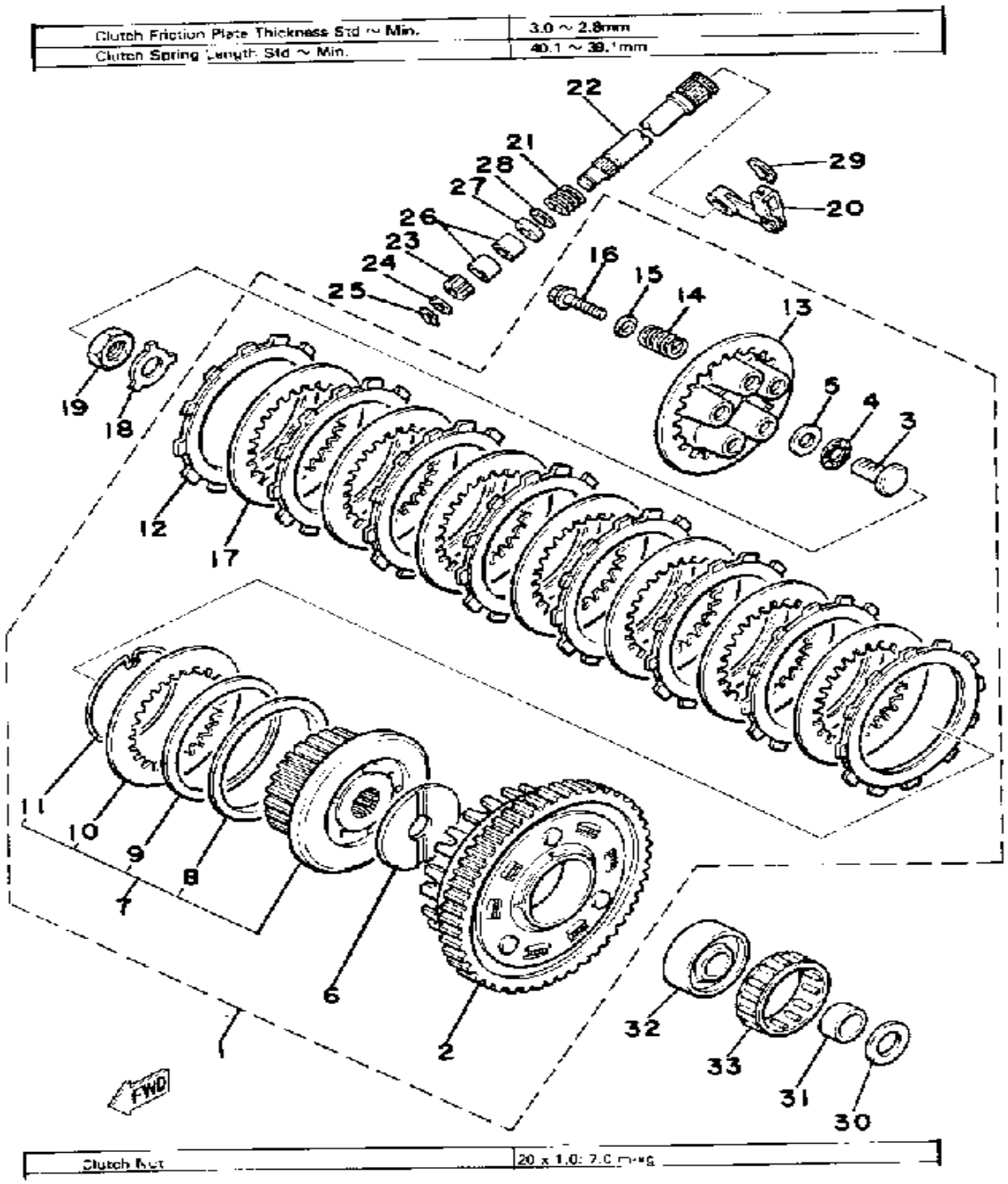
Ref. No.	Part Number	Description	Qty	Remarks
1	5G2-13300-00-00	OIL PUMP ASSEMBLY	1	
2	4H7-13355-00-00	. SPROCKET, DRIVEN	1	
3	90105-06154-00	. BOLT, WASHER BASED	1	
4	90110-06035-00	BOLT, HEXAGON SOCKET HEAD	2	
5	4H7-13327-00-00	COVER, PUMP GEAR	1	
6	4H7-13328-00-00	GROMMET, GEAR COVER	1	
7	93210-18319-00	O-RING	1	
8	91316-06025-00	BOLT	1	
9	94580-25066-00	CHAIN 4 7	1	
10	4H7-13354-00-00	SPROCKET, DRIVE	1	

OIL CLEANER



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-13447-00-00	COVER, OIL ELEMENT	1	
2	1L9-13441-11-00	ELEMENT, OIL CLNR	1	
3	90480-23193-00	. GROMMET	2	
4	93501-02018-00	BALL 1 2	1	
5	90501-12413-00	SPRING, COMPRESSION	1	
6	91609-20018-00	PIN, SPRING	1	
7	1L9-13340-01-00	BY-PASS VALVE ASSEMBLY .	1	
8	93210-16629-00	O-RING	1	
9	93210-87723-00	O-RING	1	
10	90201-21608-00	WASHER, PLATE	1	
11	90501-20422-00	SPRING, COMPRESSION	1	
12	4H7-13417-03-00	COVER, STRAINER (4H7-13417-02)	1	
13	4H7-13337-00-00	PLATE, BAFFLE LOWER	1	
14	98580-06010-00	SCREW, PAN HEAD (92503-06010)	3	
15	4BB-13414-00-00	GASKET, STRNR COVER	1	
16	90340-14118-00	PLUG, STRAIGHT	1	
17	214-11198-01-00	GASKET	1	
18	90110-06138-00	BOLT, HEX SKT HEAD	13	

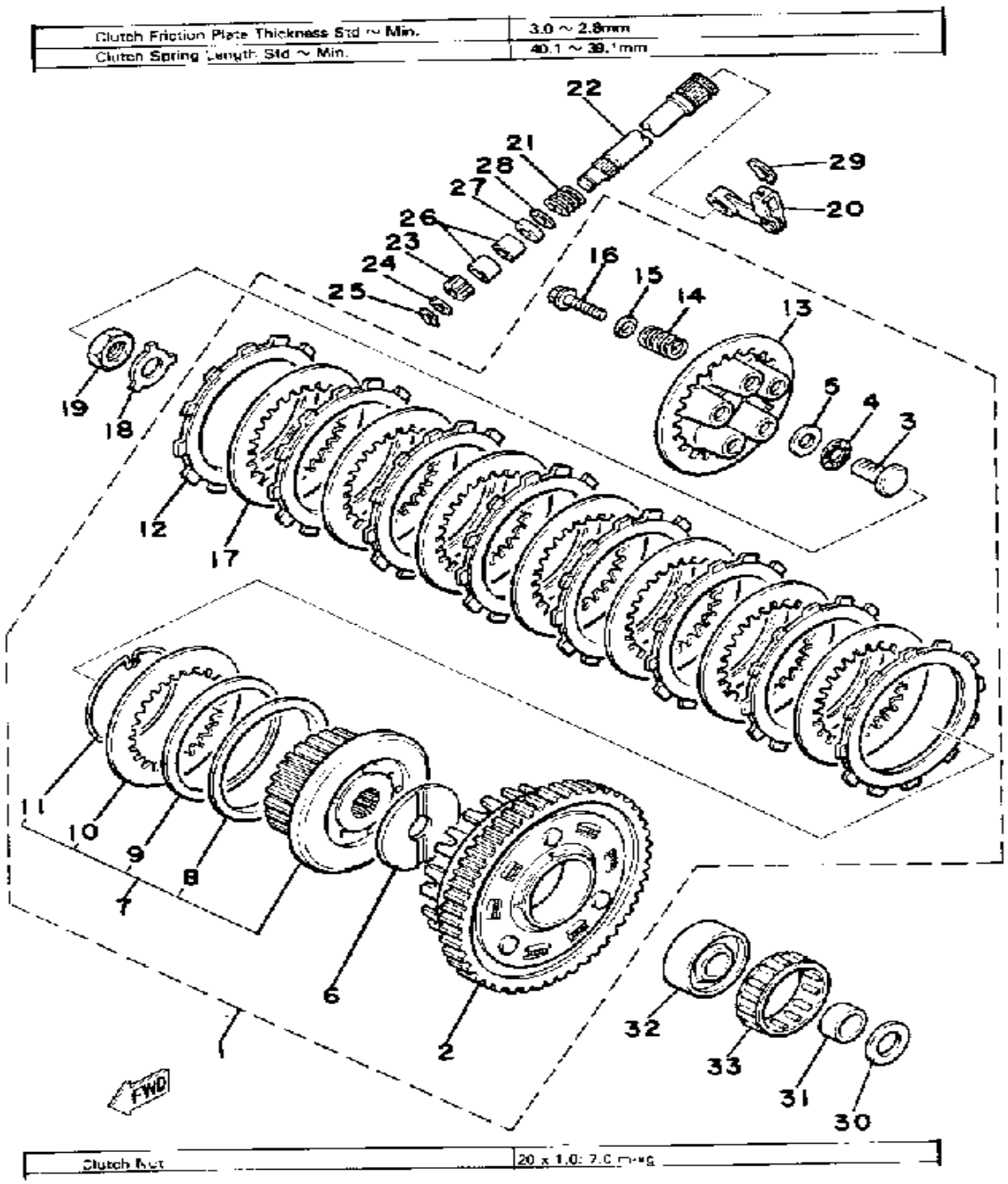
CLUTCH



Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-16300-10-00)	CLUTCH ASSEMBLY	1	
2	4H7-16150-10-00	. PRI DRVN GEARCOMP. (97T)	1	
3	4H7-16356-01-00	. ROD, PUSH 1	1	
4	93340-21505-00	. BEARING	1	
5	90201-154E9-00	. WASHER, PLATE	1	
6	4H7-16154-00-00	. PLATE, THRUST 1	1	
7	4H7-16370-00-00	. CLUTCH BOSS ASS''Y	1	
8	1J7-16384-00-00	. . PLATE, SEAT	1	
9	1J7-16383-01-00	. . SPRING, CLUTCH BOSS	1	
10	168-16324-00-00	. . PLATE, CLUTCH 1	1	
11	1J7-16385-00-00	. . RING, CLUTCH BOSS	1	
12	4H7-16321-01-00	. PLATE, FRICTION	8	
13	4H7-16351-00-00	. PLATE, PRESSURE 1	1	
14	90501-23598-00	. SPRING, COMPRESSION	5	
15	90201-061A5-00	. WASHER, PLATE	5	
16	95811-06025-00	. BOLT, FLANGE	5	
17	4H7-16325-00-00	. PLATE, CLUTCH 2	7	
18	90215-20231-00	WASHER, LOCK	1	
19	90170-20327-00	NUT	1	
20	4H7-16340-00-00	PUSH LEVER ASSEMBLY	1	
21	90508-16459-00	SPRING, TORSION	1	
22	(4H7-16382-00-00)	AXLE, PUSH LEVER	1	
23	4H7-16398-00-00	PINION, RELEAS (16T)	1	
24	92901-08600-00	WASHER	1	
25	99080-07600-00	CIRCLIP (E)	1	
26	93317-11020-00	BEARING	2	
27	93109-10023-00	OIL SEAL, SDO-TYPE	1	
28	90201-10119-00	WASHER, PLATE	1	
29	99001-09600-00	CIRCLIP	1	

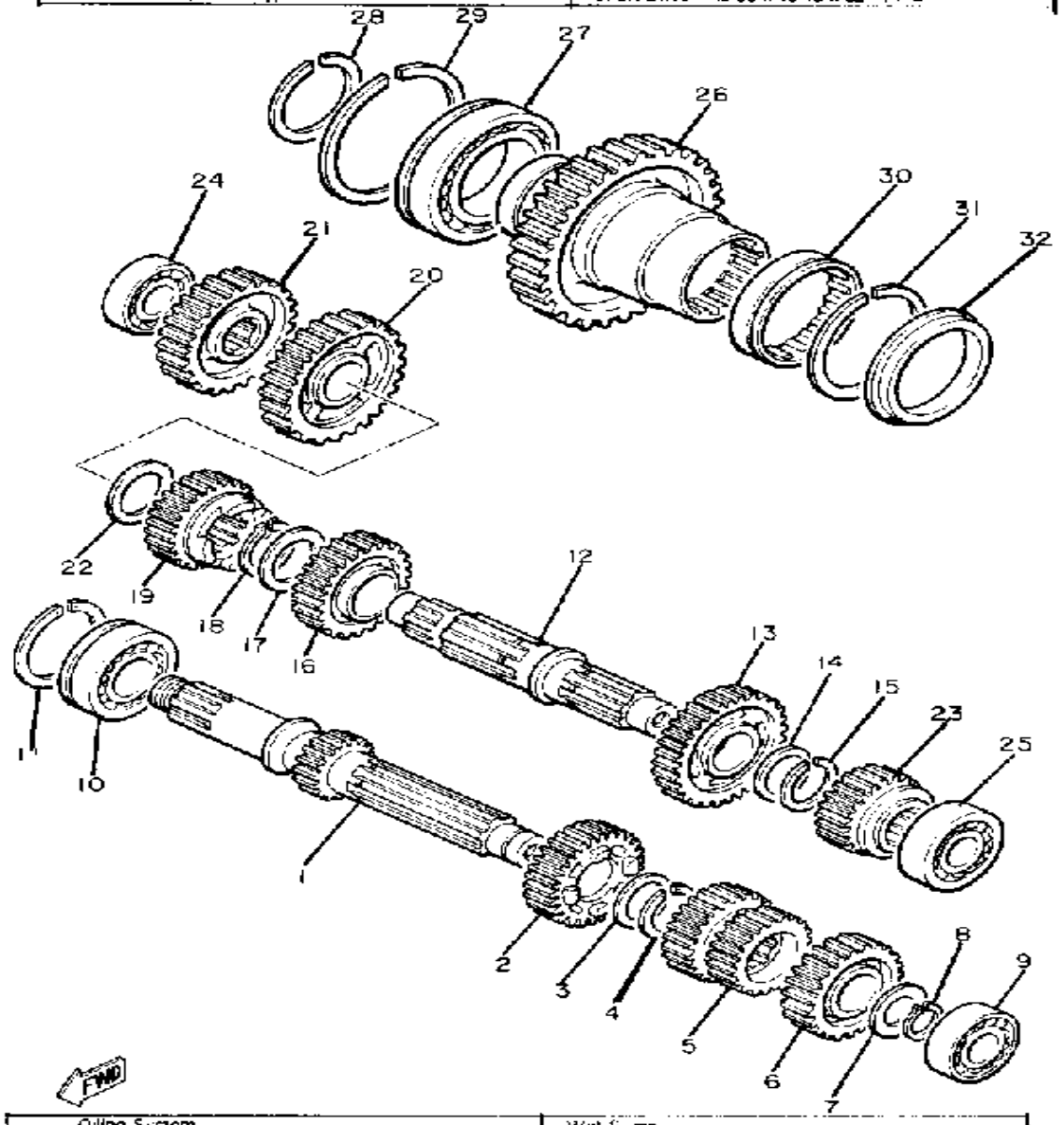
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CLUTCH



Ref. No.	Part Number	Description	Qty	Remarks
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, CYLINDER.# 0	1	

TRANSMISSION Oil Type/Qty Chg/Qty Reassemble	
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	3200cc
Oil and Filter Change	2650cc
Oil Change	2350cc
Lubricant: Temp. above 5°C (40°F)	Yamalube 4* or SAE 20W 40 SE Motor Oil
Below 15°C (60°F)	Yamalube 4* or SAE 10W 30 SE Motor Oil

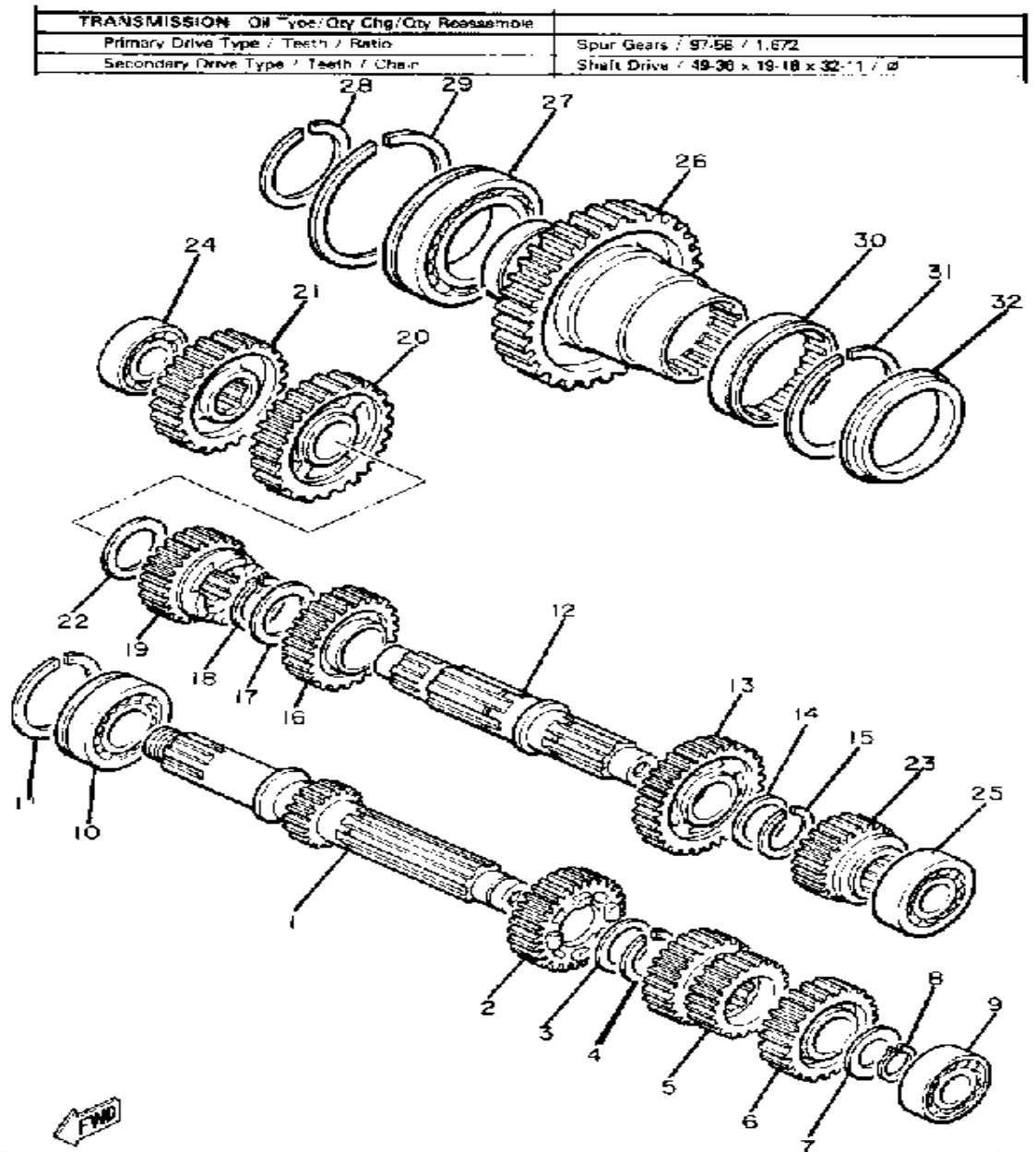
TRANSMISSION

Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-17401-00-00	MAIN AXLE ASSEMBLY	1	
2	4H7-17141-00-00	GEAR, 4TH PINION	1	
3	90209-22191-00	WASHER	1	
4	93440-25084-00	CIRCLIP	1	
5	4BB-17121-00-00	GEAR, 2ND PINION	1	
	4H7-17151-00-00	GEAR, 5TH PINION	1	
7	90201-20276-00	WASHER, PLATE (1.0T)	1	
8	99009-20400-00	CIRCLIP	1	
9	93306-20458-00	BEARING	1	
10	93306-30550-00	BEARING	1	
11	278-17424-01-00	CIRCLIP 1	1	
12	(4H7-17402-00-00)	DRIVE AXLE ASSEMBLY	1	
13	4H7-17221-00-00	GEAR, 2ND WHEEL	1	
14	90209-22191-00	WASHER	1	
15	93440-25084-00	CIRCLIP	1	
16	(4H7-17231-00-00)	GEAR, 3RD WHEEL	1	
17	90209-25196-00	WASHER	1	
18	93440-28062-00	CIRCLIP	1	
19	4H7-17241-00-00	GEAR, 4TH WHEEL	1	
20	4H7-17211-01-00	GEAR, 1ST WHEEL	1	
21	4H7-17582-00-00	GEAR, MIDDLE DRIVE	1	
22	90201-243A2-00	WASHER, PLATE	1	
23	4H7-17251-00-00	GEAR, 5TH WHEEL	1	
24	93306-30302-00	BEARING	1	
25	93306-30425-00	BEARING (83A581A)	1	
26	(4H7-17583-00-00)	GEAR, MIDDLE DRIVEN	1	
27	93306-91101-00	BEARING	1	
28	93410-55057-00	CIRCLIP	1	
29	93440-80082-00	CIRCLIP, OUTER	1	

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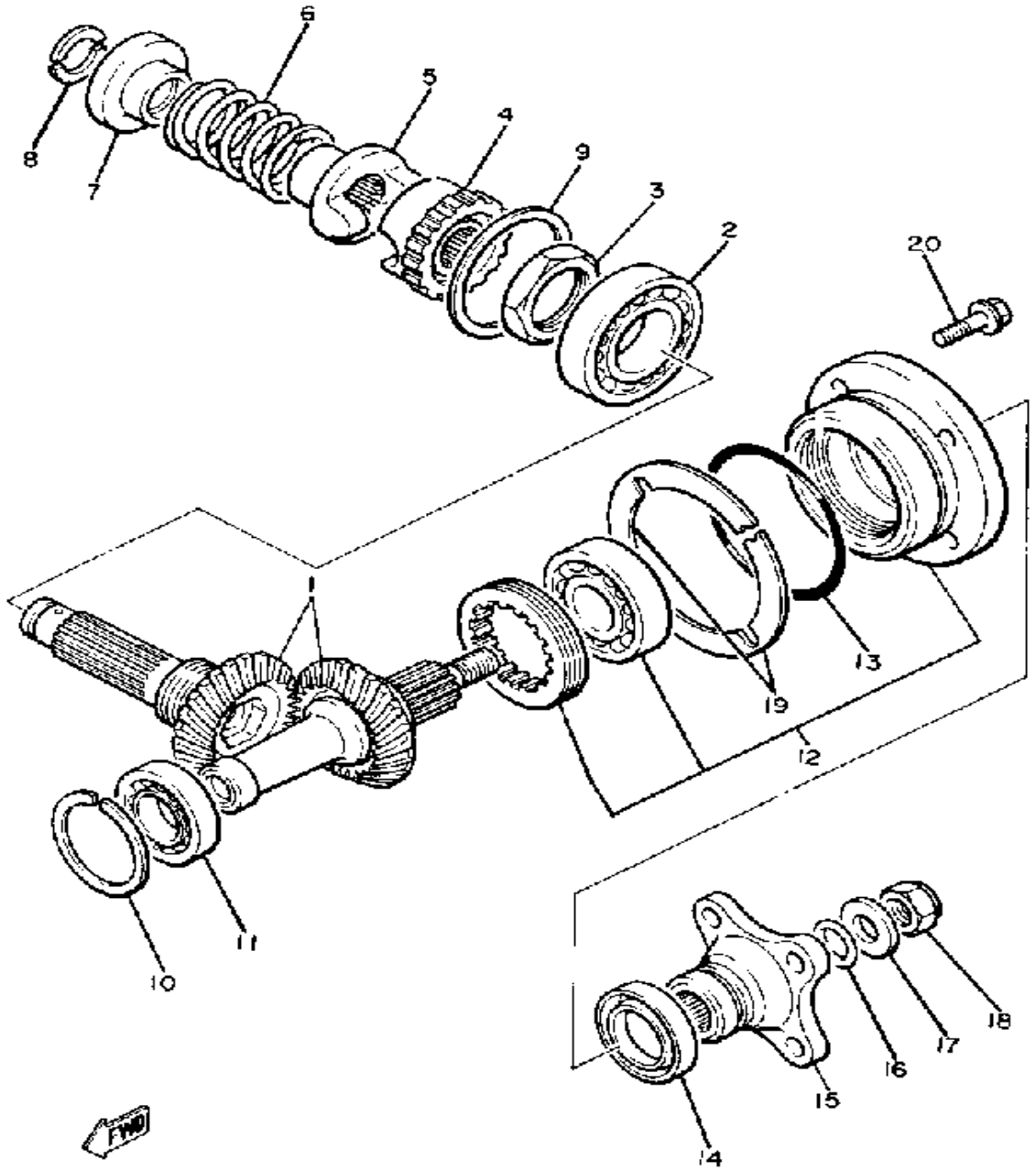
TRANSMISSION

Ref. No.	Part Number	Description	Qty	Remarks
30	93311-36042-00	BEARING, CYLINDER.# 1	1	
31	93440-72049-00	CIRCLIP	1	
32	93104-60066-00	OIL SEAL, SO-TYPE	1	



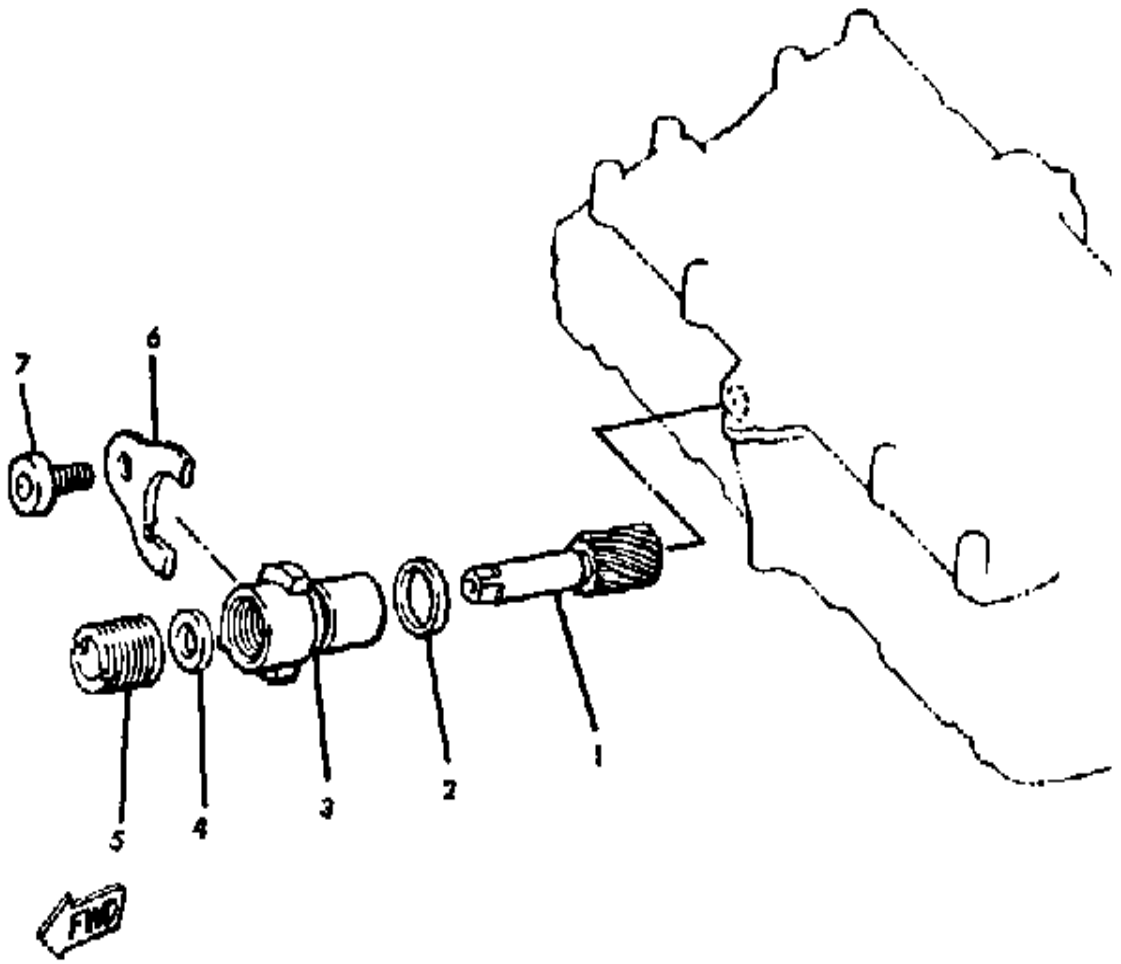
Oiling System	Wet Sump
Capacity: Dry	3200cc
Oil and Filter Change	2650cc
Oil Change	2350cc
Lubricant: Temp. above 5°C (40°F)	Yamalube 4* or SAE 20W 40 SE Motor Oil
Below 15°C (60°F)	Yamalube 4* or SAE 10W 30 SE Motor Oil

MIDDLE DRIVE GEAR



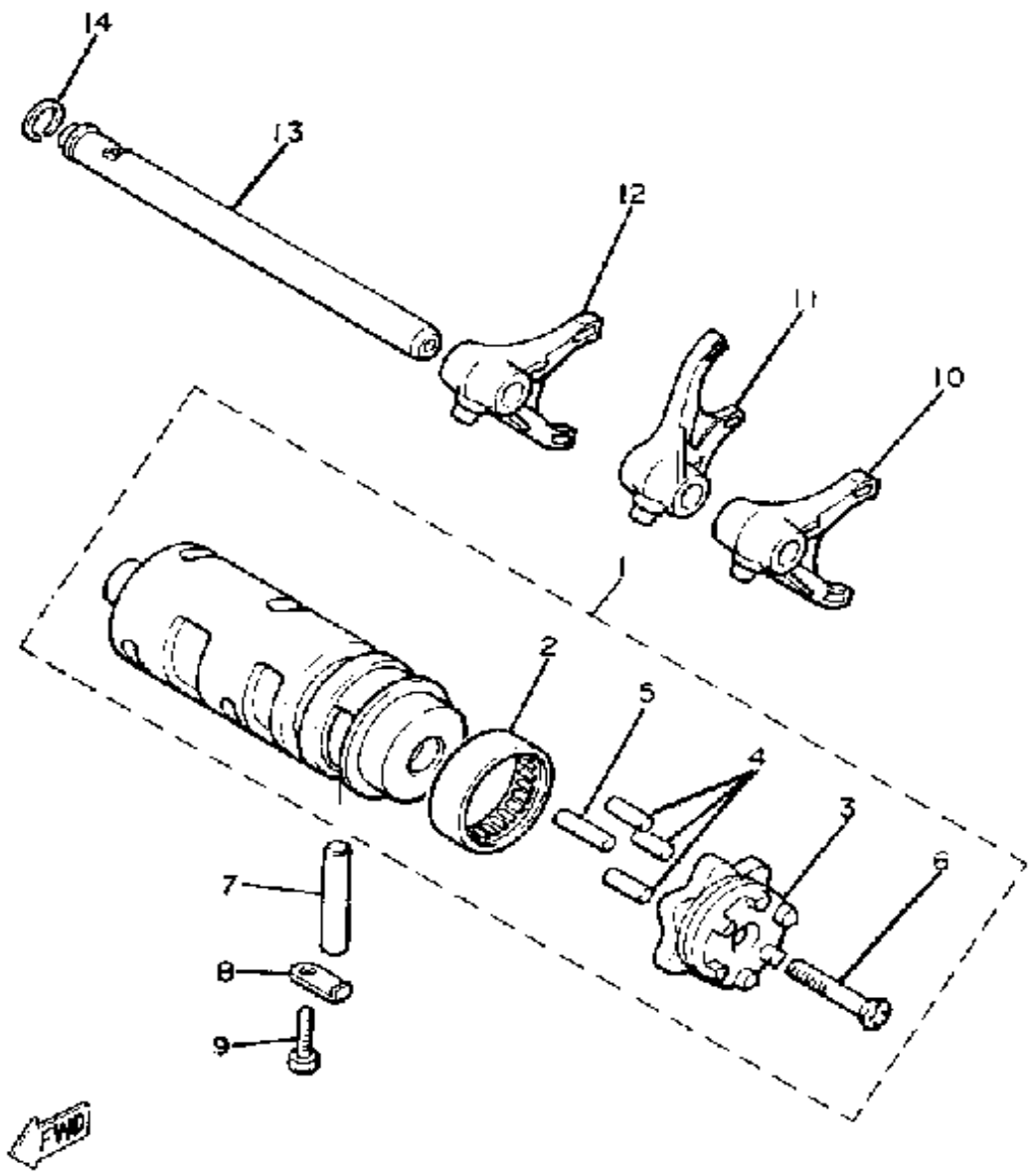
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-W1751-00-00	MIDDLE GEAR	1	
2	93306-20709-00	BEARING	1	
3	90179-34304-00	NUT, SPEC''L SHAPE	1	
4	4H7-17526-02-00	CAM, DRIVE	1	
5	4H7-17527-00-00	CAM, DRIVEN	1	
6	(90501-65575-00)	SPRING, COMPRESSION	1	
7	4H7-17524-00-00	HOLDER	1	
8	3H5-17529-00-00	WASHER, THRUST	2	
9	4H7-17537-00-20	SHIM, THRUST (0.20T)	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.
10	93440-47081-00	CIRCLIP, OUTER	1	
11	93306-00519-00	BEARING	1	
12	4H7-W1752-00-00	HOUSHING COMP.	1	
13	93210-71360-00	O-RING	1	
14	93101-35097-00	OIL SEAL	1	
15	4H7-17555-00-00	FLANGE, MIDDLE GEAR	1	
16	93210-14359-00	O-RING	1	
17	90201-14633-00	WASHER, PLATE	1	
18	90179-14317-00	NUT, SPEC''L SHAPE	1	
19	3JB-17531-10-00	SHIM, PINION (0.15T)	2	U.R.
	3JB-17531-20-00	SHIM, PINION (0.20T)	2	U.R.
	3JB-17531-30-00	SHIM, PINION (0.30T)	2	U.R.
	3JB-17531-40-00	SHIM, PINION (0.40T)	2	U.R.
	4H7-17531-00-15	SHIM, PINION	2	U.R.
20	95811-08030-00	BOLT, FLANGE	4	

TACHOMETER GEAR



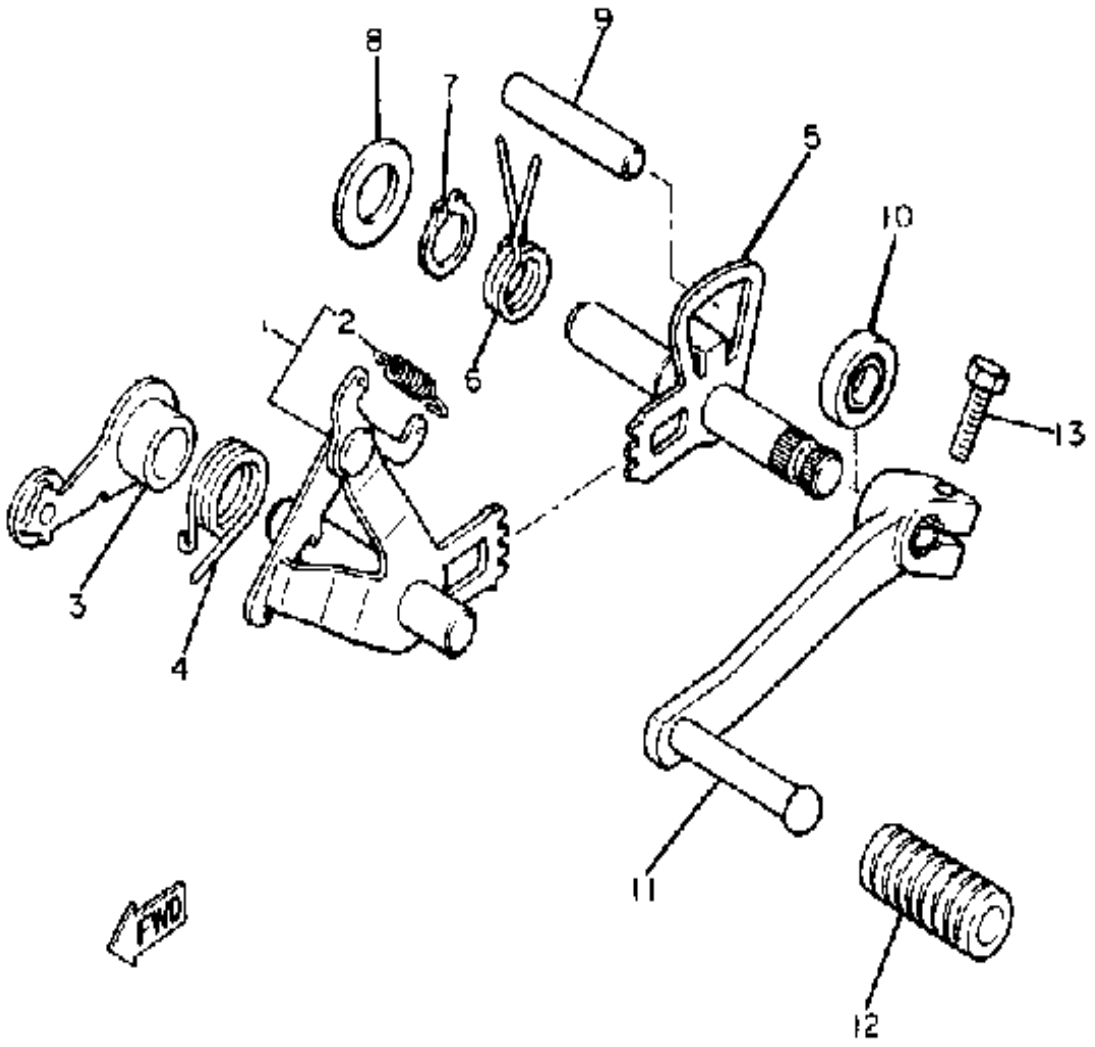
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-17841-00-00	GEAR, DRIVEN	1	
2	93210-11437-00	O-RING	1	
3	4H7-17811-01-00	HOUSING, TACH GEAR (4H7-17811-00)	1	
4	93104-07036-00	OIL SEAL, SO-TYPE	1	
5	256-17848-00-00	ADAPTER	1	
6	4H7-17812-00-00	STOPPER	1	
7	91316-06012-00	BOLT, SOCKET HEAD	1	

SHIFT CAM - FORK



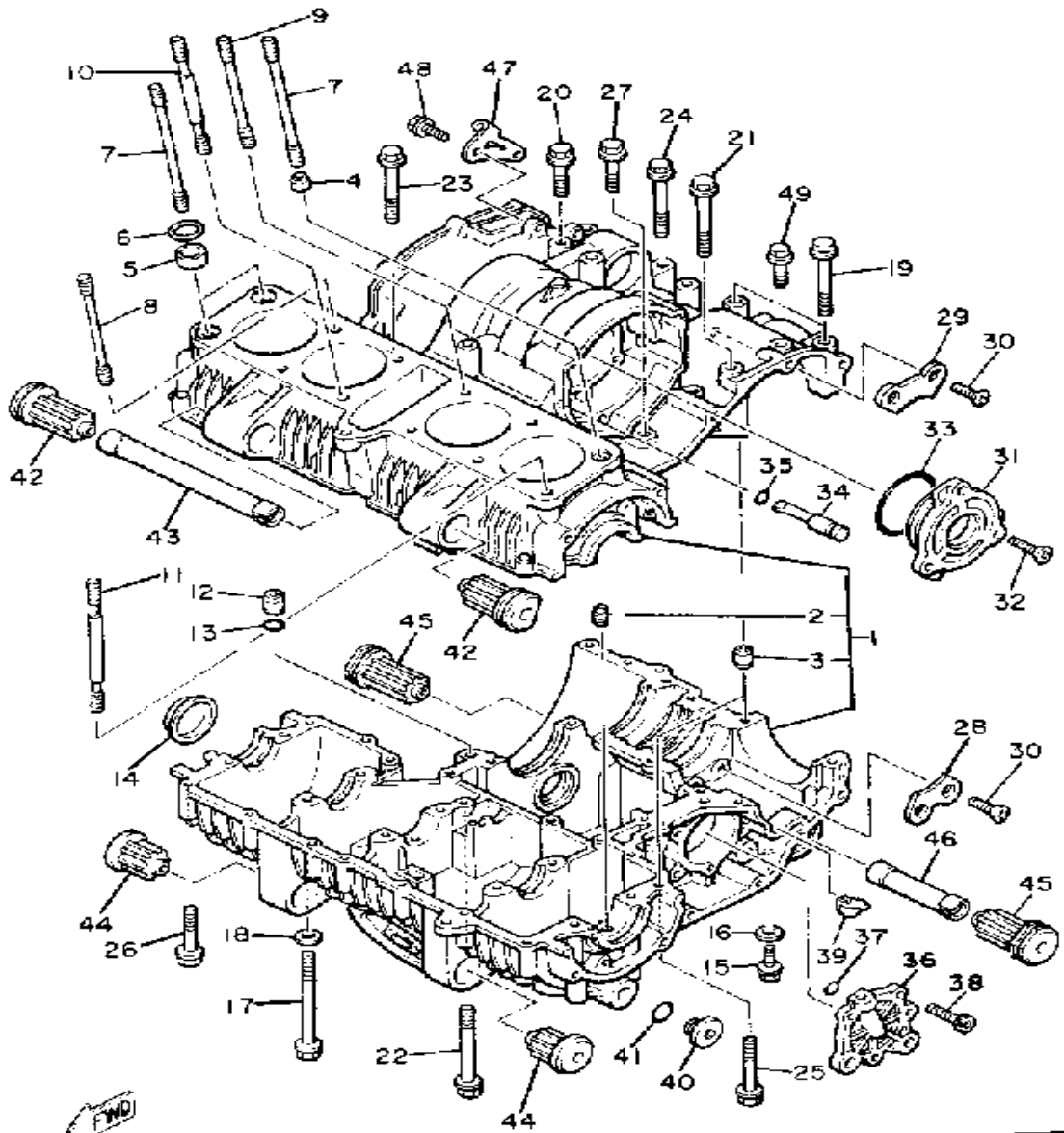
Ref. No.	Part Number	Description	Qty	Remarks
1	16G-18540-00-00	SHIFT CAM ASSEMBLY	1	
2	93315-23612-00	. BEARING	1	
3	16G-18185-00-00	. SEGMENT	1	
4	93604-16092-00	. PIN, DOWEL	3	
5	93604-20156-00	. PIN, DOWEL	1	
6	(92701-05035-00)	SCREW, FLAT HEAD	1	
7	93608-43157-00	PIN, DOWEL	1	
8	2H7-15531-00-00	PLATE, STOPPER	1	
9	97313-06016-00	BOLT, HEXAGON	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, SHIF FRK GDE 1	1	
14	93440-11029-00	. CIRCLIP, OUTER	1	

SHIFT SHAFT - PEDAL



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-18101-00-00	SHIFT SHAFT ASSEMBLY 1 ..	1	
2	90506-08227-00	. SPRING, TENSION	1	
3	4H7-18140-00-00	STOPPER LEVER ASSEMBLY .	1	
4	90508-29530-00	SPRING, TORSION	1	
5	4H7-18120-02-00	SHIFT LEVER ASSEMBLY	1	
6	90387-124F4-00	. COLLAR	1	
	90508-32535-00	. SPRING, TORSION	1	
	99999-01179-00	SPRING W/ COLLAR	1	
7	99006-10600-00	CIRCLIP	1	
8	90201-12588-00	WASHER, PLATE	1	
9	93608-50158-00	PIN, DOWEL	1	
10	93102-12321-00	OIL SEAL, SD-TYPE	1	
11	4H7-18111-00-00	PEDAL, SHIFT	1	
12	132-18113-01-00	COVER, SHIFT PEDAL	1	
13	97011-06020-00	BOLT	1	

CRANKCASE

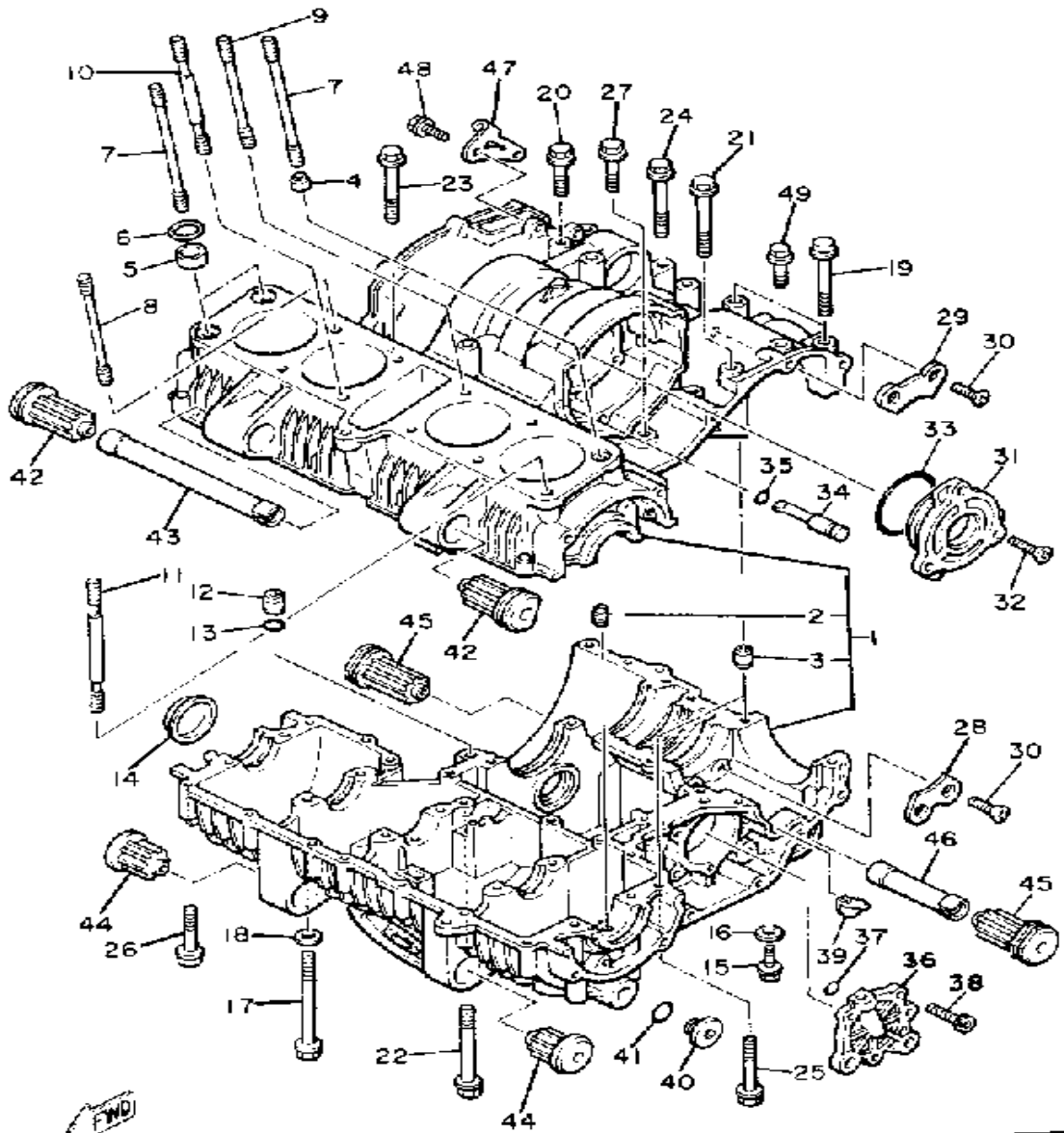


Oiling System	Wet Sump
Capacity: Dry	3200cc
Oil and Filter Change	2950cc
Oil Change	2350cc
Lubricant: Temp. above 5°C (40°F)	Yamalube 4* or SAE 20W-40 SE Motor Oil
Below 16°C (60°F)	Yamalube 4* or SAE 10W-30 SE Motor Oil

Ref. No.	Part Number	Description	Qty	Remarks
1	(99999-01239-00)	CRANKCASE ASSEMBLY	1	
	4H7-15100-03-00	. CRANKCASE ASSEMBLY ...	1	
	95811-08045-00	. BOLT, FLANGE (JN5)	7	
2	4H7-15138-00-00	. NOZZLE 1	3	
3	99510-12016-00	. PIN, DOWEL	3	
4	99530-14016-00	PIN, DOWEL	1	
5	90387-16547-00	COLLAR	2	
6	93210-18322-00	O-RING	2	
7	90116-10330-00	BOLT, STUD	3	
8	4H7-11363-00-00	BOLT, CYLINDER HOLDING 3 .	3	
9	90116-10328-00	BOLT, STUD	1	
10	4H7-11363-00-00	BOLT, CYLINDER HOLDING 3 .	4	
11	4H7-11364-00-00	BOLT, CYLINDER HOLDING 4 .	1	
12	99510-12016-00	PIN, DOWEL	1	
13	93210-11124-00	O-RING (1.6-10.6)	1	
14	4H7-15167-10-00	PLUG, BLIND 1	1	
15	90105-08003-00	BOLT, WASHER BASED (834-6777-00)	1	
16	90201-08087-00	WASHER, PLATE	1	
17	95811-08105-00	BOLT, FLANGE (95812-08105) .	10	
18	90201-094G1-00	WASHER, PLATE	8	
19	95811-08065-00	BOLT, FLANGE	2	
20	95811-06135-00	BOLT, FLANGE	2	
21	95811-06120-00	BOLT, FLANGE	1	
22	95811-06080-00	BOLT, FLANGE	3	
23	95811-06070-00	BOLT, FLANGE	3	
24	95811-06060-00	BOLT, FLANGE	6	
25	95811-06055-00	BOLT, FLANGE (95802-06055) .	2	
26	95811-06045-00	BOLT, flange (95812-06045-00)	7	

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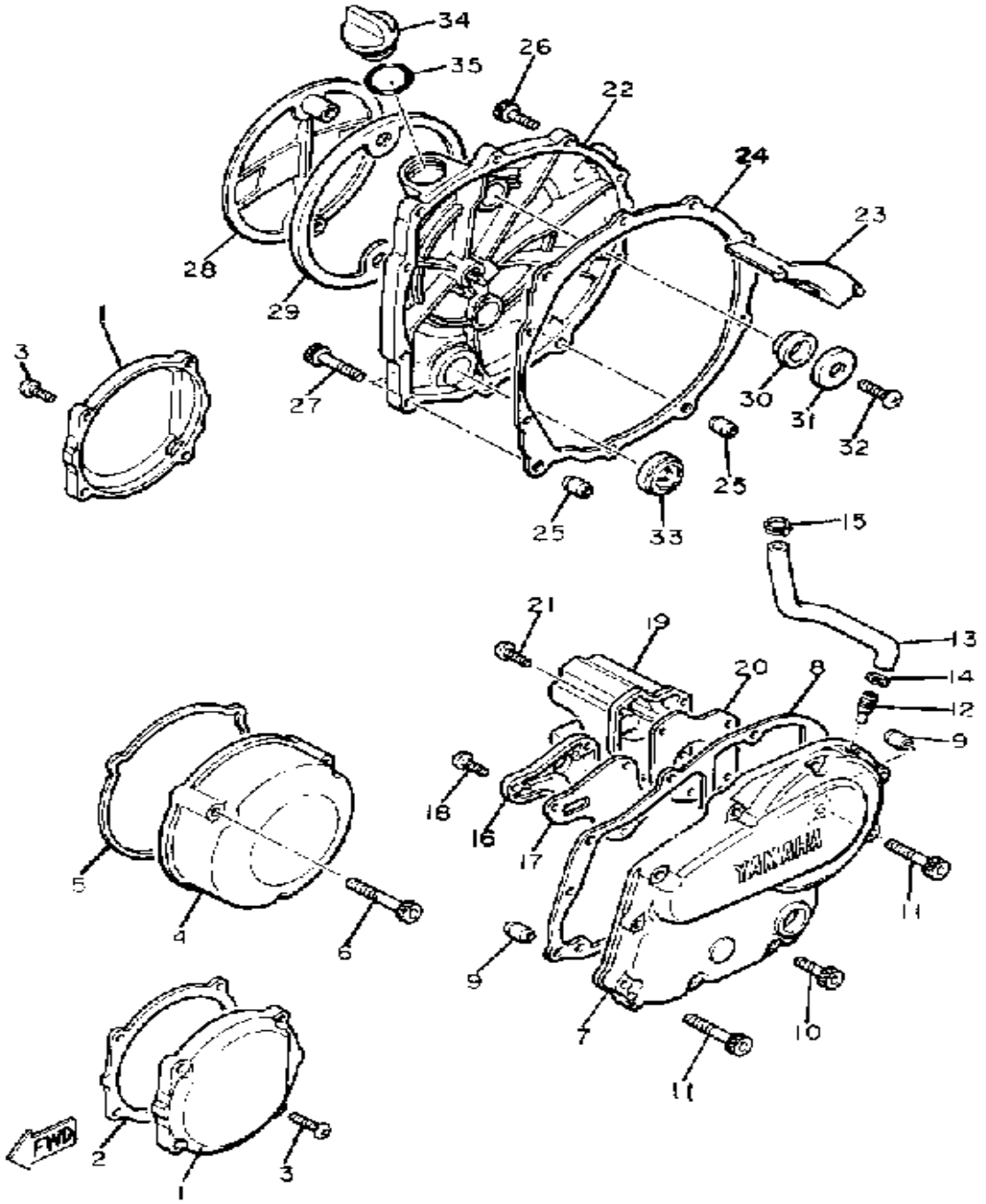
CRANKCASE



Oiling System	Wet Sump
Capacity: Dry	3200cc
Oil and Filter Change	2950cc
Oil Change	2350cc
Lubricant: Temp. above 5°C (40°F)	Yamalube 4* or SAE 20W-40 SE Motor Oil
Below 15°C (60°F)	Yamalube 4* or SAE 10W-30 SE Motor Oil

Ref. No.	Part Number	Description	Qty	Remarks
27	95811-06035-00	BOLT, FLANGE	3	
28	(31A-15381-00-00)	PLATE, BRNG COVER	1	
29	31A-15383-00-00	PLATE, BRNG COVER	1	
30	90149-08152-00	SCREW	4	
31	4H7-15163-01-00	HOUSING, BEARING 1	1	
32	98701-06014-00	SCREW, FLAT HEAD	3	
33	93210-62439-00	O-RING	1	
34	4H7-13454-00-00	NOZZLE	1	
35	93210-07540-00	O-RING	1	
36	(5G2-15164-00-00)	HOUSING, BEARING 2	1	
37	93210-07438-00	O-RING	1	
38	91311-06020-00	BOLT, SOCKET HEAD	3	
39	4H7-15365-00-00	GROMMET	1	
40	4H7-15189-00-00	PLUG	2	
41	93210-21276-00	O-RING	2	
42	36Y-15336-00-00	DAMPER, ENG MOUNT 3 (4H7-15326-00)	2	
43	4H7-15317-00-00	SPACER, ENG MOUNT (4W5-15317-00)	1	
44	4H7-15316-00-00	DAMPER, ENG MOUNT 1	2	
45	36Y-15326-00-00	DAMPER, ENGINE MOUNT 2 (2H7-15326-01-00)	2	
46	4H7-15327-00-00	SPACER, ENG MOUNT (4W5-15327-00)	1	
47	4H7-15441-01-00	HOLDER, CLCH CABLE	1	
48	90110-06145-00	BOLT, HEX.SOCKET	2	
49	95801-06060-00	BOLT, FLANGE	1	

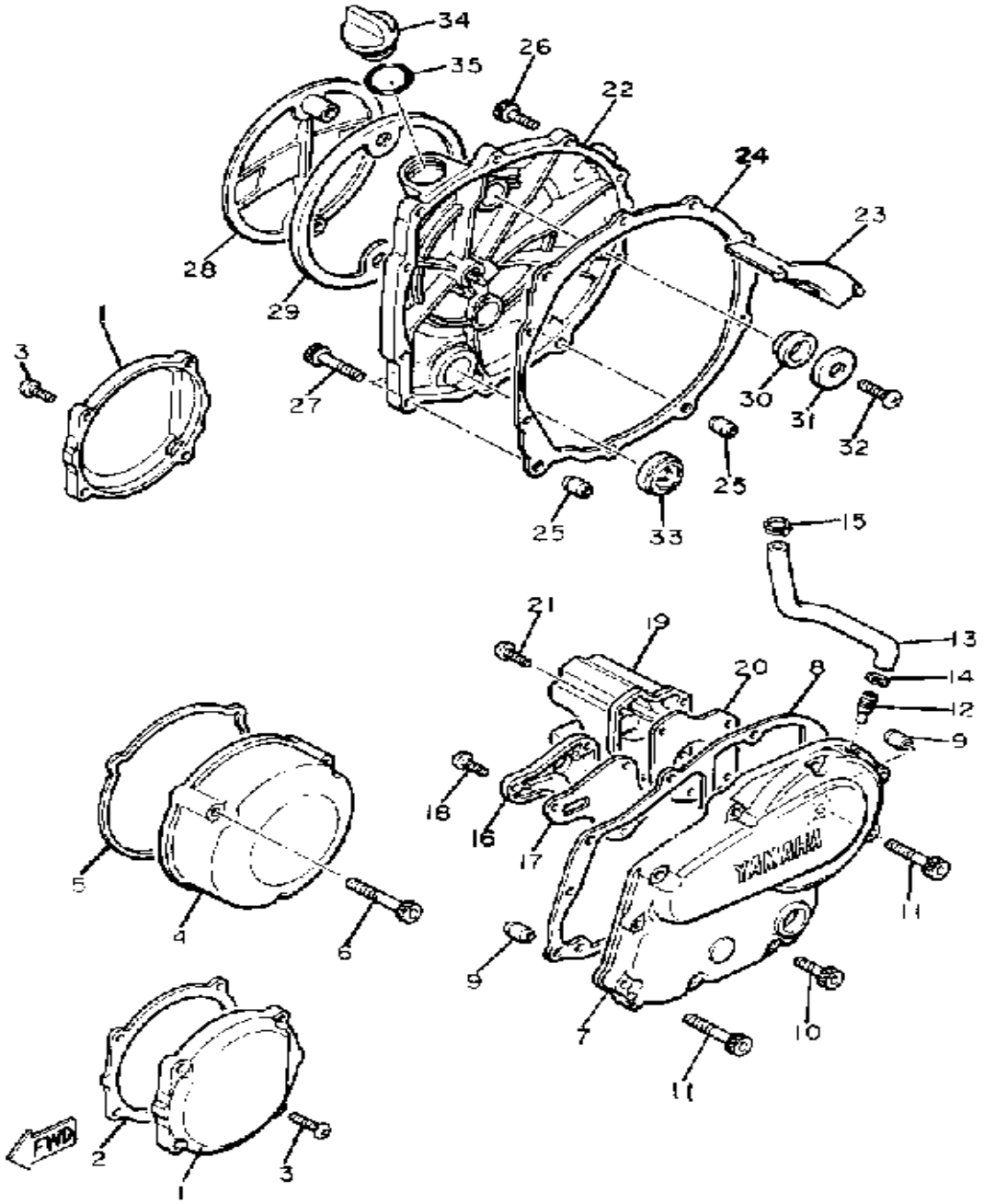
CRANKCASE COVER



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-15416-00-00	COVER, OIL PUMP	2	
2	4BB-15456-00-00	GASKET, O/PMP CVR 1	1	
3	98980-06020-00	SCREW, BIND	8	
4	4H7-15415-00-00	COVER, GENERATOR	1	
5	4BB-15455-00-00	GASKET 1	1	
6	91311-06070-00	BOLT	3	
7	4H7-15411-00-00	COVER, CRANKCASE L	1	
8	4BB-15451-00-00	GASKET, CRCS CVR.	1	
9	99530-10014-00	PIN, DOWEL	2	
10	91311-06025-00	BOLT, SOCKET HEAD	8	
11	91311-06040-00	BOLT	2	
12	371-11167-01-00	PIPE, BREATHER 2	1	
13	4H7-11166-01-00	PIPE, BREATHER 1	1	
14	90467-14015-00	CLIP	1	
15	90468-08104-00	CLIP	1	
16	(4H7-15346-00-00)	BREATHER 1	1	
17	4BB-15457-00-00	GASKET	1	
18	98503-06014-00	SCREW, PAN HEAD (92502-06016)	3	
19	4H7-15347-00-00	BREATHER 2	1	
20	4BB-15467-00-00	GASKET	1	
21	98503-06014-00	SCREW, PAN HEAD (92502-06016)	4	
22	4H7-15421-01-00	COVER, CRANKCASE R	1	
23	4H7-15412-01-00	COVER, OIL PUMP	1	
24	4BB-15461-00-00	GASKET, CRCS CVR 2	1	
25	99530-10014-00	PIN, DOWEL	2	
26	91311-06025-00	BOLT, SOCKET HEAD	8	
27	91311-06040-00	BOLT	2	

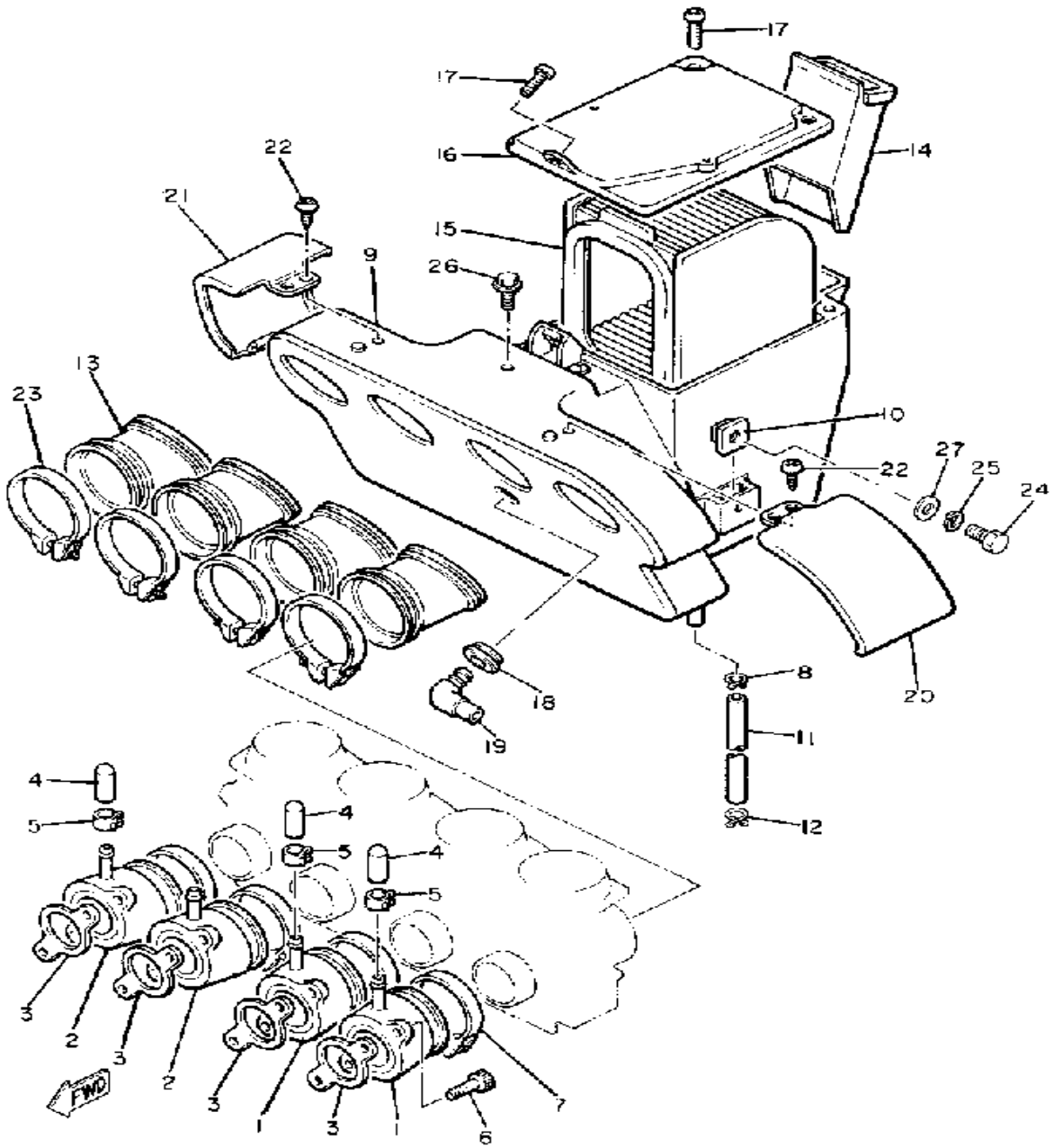
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CRANKCASE COVER



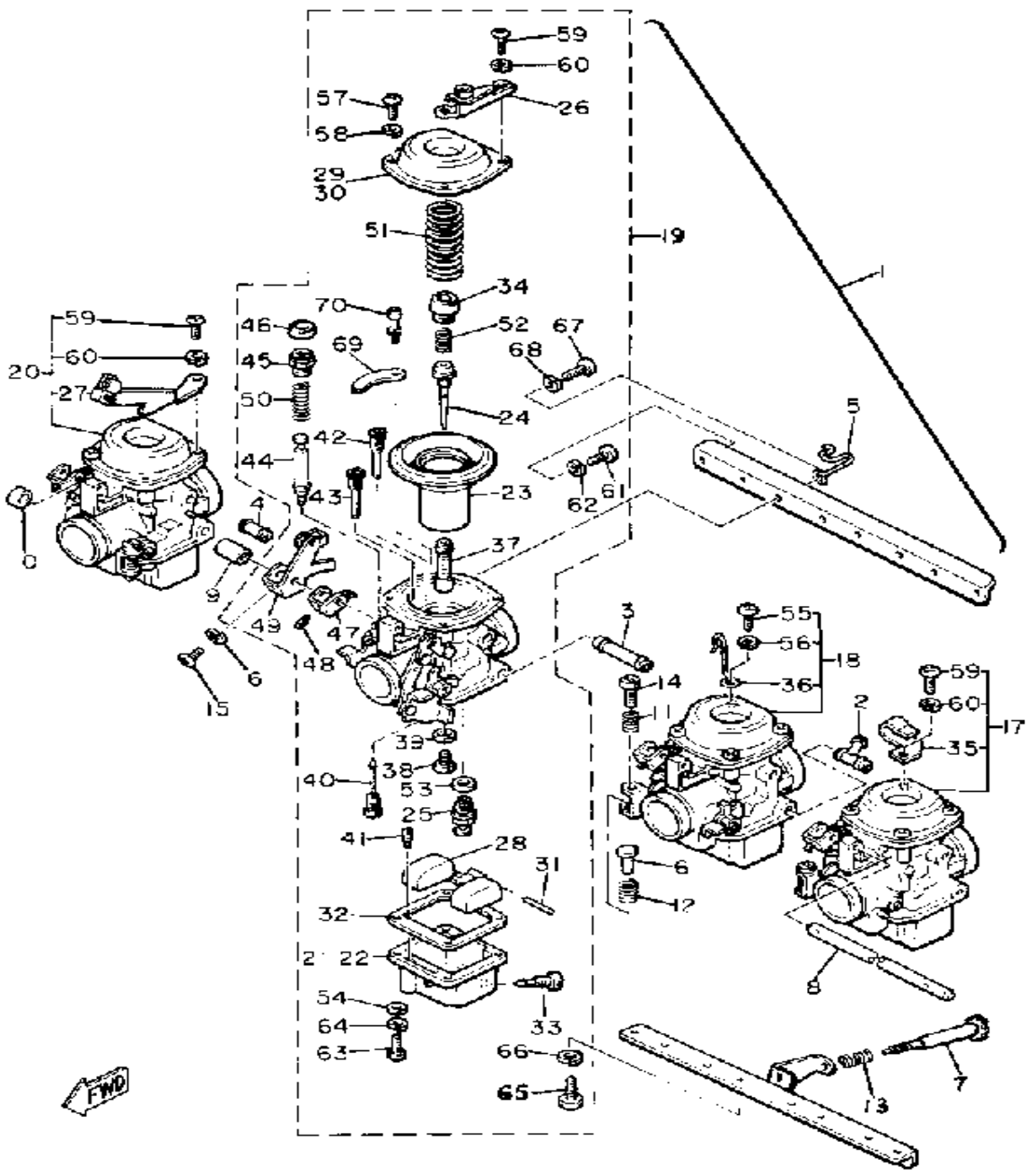
Ref. No.	Part Number	Description	Qty	Remarks
28	4H7-15417-00-00	COVER, CAP	1	
29	4H7-15449-00-00	RING, RUBBER	1	
30	4H7-15486-00-00	GROMMET	2	
31	90209-06096-00	WASHER	2	
32	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
33	2H7-15361-00-00	GAUGE, LEVEL	1	
34	2H7-15363-00-00	PLUG, OIL	1	
35	93210-27778-00	O-RING	1	

INTAKE



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-13586-02-00	JOINT, CARBURETOR 1 (4H7-13586-01)	2	
2	5G2-13596-01-00	JOINT, CARBURETOR 2 (5G2-13596-00)	2	
3	4H7-13556-01-00	GASKET, MANIFOLD	4	
4	16G-13569-00-00	PLUG, BLIND	3	
5	90467-10039-00	CLIP	3	
6	91316-06020-00	BOLT, SOCKET HEAD	8	
7	90460-49248-00	CLAMP, HOSE (1)	4	
8	90467-09006-00	CLIP	1	
9	4H7-14401-00-00	AIR CLNR CASE ASSEMBLY	1	
10	4H7-14484-00-00	PLATE, CLNR CS FTNG	1	
11	90446-11021-00	HOSE	1	
12	90467-09006-00	CLIP	1	
13	4H7-14453-00-00	JOINT, AIR CLNR 1	4	
14	4H7-14437-00-00	DUCT	1	
15	4H7-14451-00-00	ELEMENT, AIR CLNR	1	
16	4H7-14412-00-00	CAP, CLEANER CASE 1	1	
17	92503-06012-00	SCREW, PAN HEAD	3	
18	90480-16278-00	GROMMET	1	
19	4H7-14419-00-00	PIPE	1	
20	4H7-1441A-00-00	COVER, CLNR CASE 1	1	
21	4H7-1441E-00-00	COVER, CLNR CASE 2	1	
22	97780-50110-00	SCREW, TAPPING	4	
23	90460-56105-00	CLAMP, HOSE	4	
24	97313-06016-00	BOLT, HEXAGON	1	
25	92995-06100-00	WASHER, SPRING	1	
26	90119-06029-00	BOLT, WITH WASHER	1	
27	90201-06067-00	WASHER, PLATE	1	

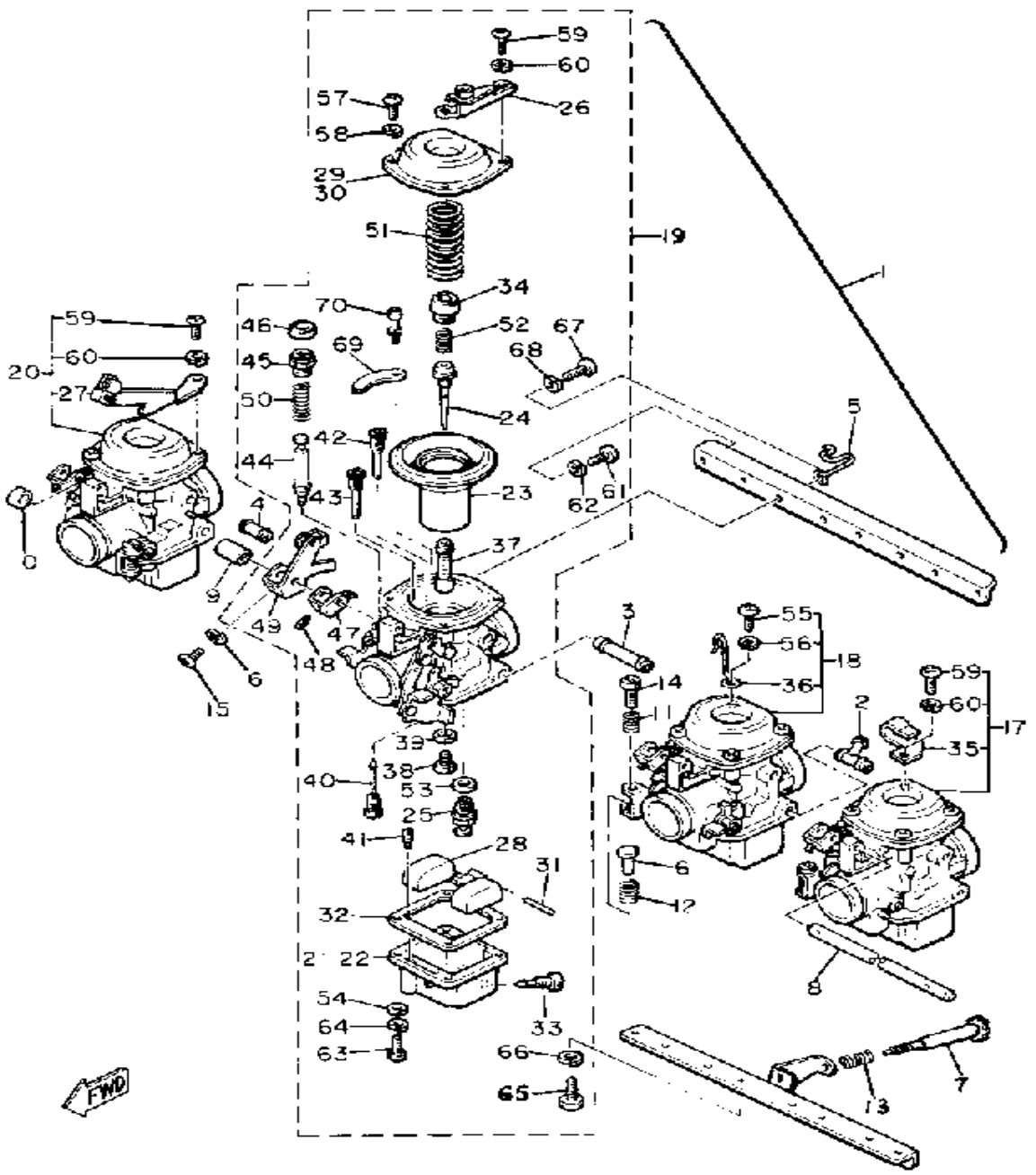
CARBURETOR



Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-14900-00-00)	UNAVAILABLE IN PRICE BOOK	1	N/A
2	(4H7-14988-00-00)	PIPE, STARTER CON	1	
3	(4H7-14188-01-00)	CONNECTOR	1	
4	4H7-14189-01-00	. CONNECTOR	1	
5	4H7-14919-00-00	. CLIP	1	
6	(4H7-14992-00-00)	ROD	3	
7	(3J3-14122-00-00)	SCREW, THROTTLE	1	
8	(5G2-14978-00-00)	SHAFT, STARTER LVR	1	
9	(4H7-14998-00-00)	BUSH	1	
10	4H7-14973-00-00	. WASHER	1	
11	(4H7-14133-00-00)	SPRING, THRTL STOP	3	
12	(4H7-14934-00-00)	SPRING, THRTL STOP	3	
13	3J3-14934-00-00	. SPRING, THRTL STOP	1	
14	(4H7-14922-00-00)	SCREW, THROTTLE	3	
15	98501-03016-00	. SCREW, PAN HEAD	1	
16	92990-03100-00	. WASHER, SPRING (92901-03100)	1	
17	(4H7-14901-00-00)	CARBURETOR ASSEMBLY 1 .	1	
18	(4H7-14902-00-00)	CARBURETOR ASSEMBLY 2 .	1	
19	(4H7-14903-00-00)	CARBURETOR ASSEMBLY 3 .	1	
20	(4H7-14904-00-00)	CARBURETOR ASSEMBLY 4 .	1	
21	(4H7-14981-01-00)	BODY, FLOAT CHAMBER	2	
22	4H7-14982-01-00	. . HOLDER	2	
23	4H7-14940-00-00	. . DIAPHRAGM ASSEMBLY . .	4	
24	4H7-14917-10-00	. . JET, NEEDLE	4	
25	10L-14390-02-00	. . NEEDLE VALVE ASSEMBLY (4X7-14390-00)	4	
26	(4H7-14926-00-00)	BRACKET, THROTTLE 1	1	
27	(4H7-14995-00-00)	BRACKET	1	

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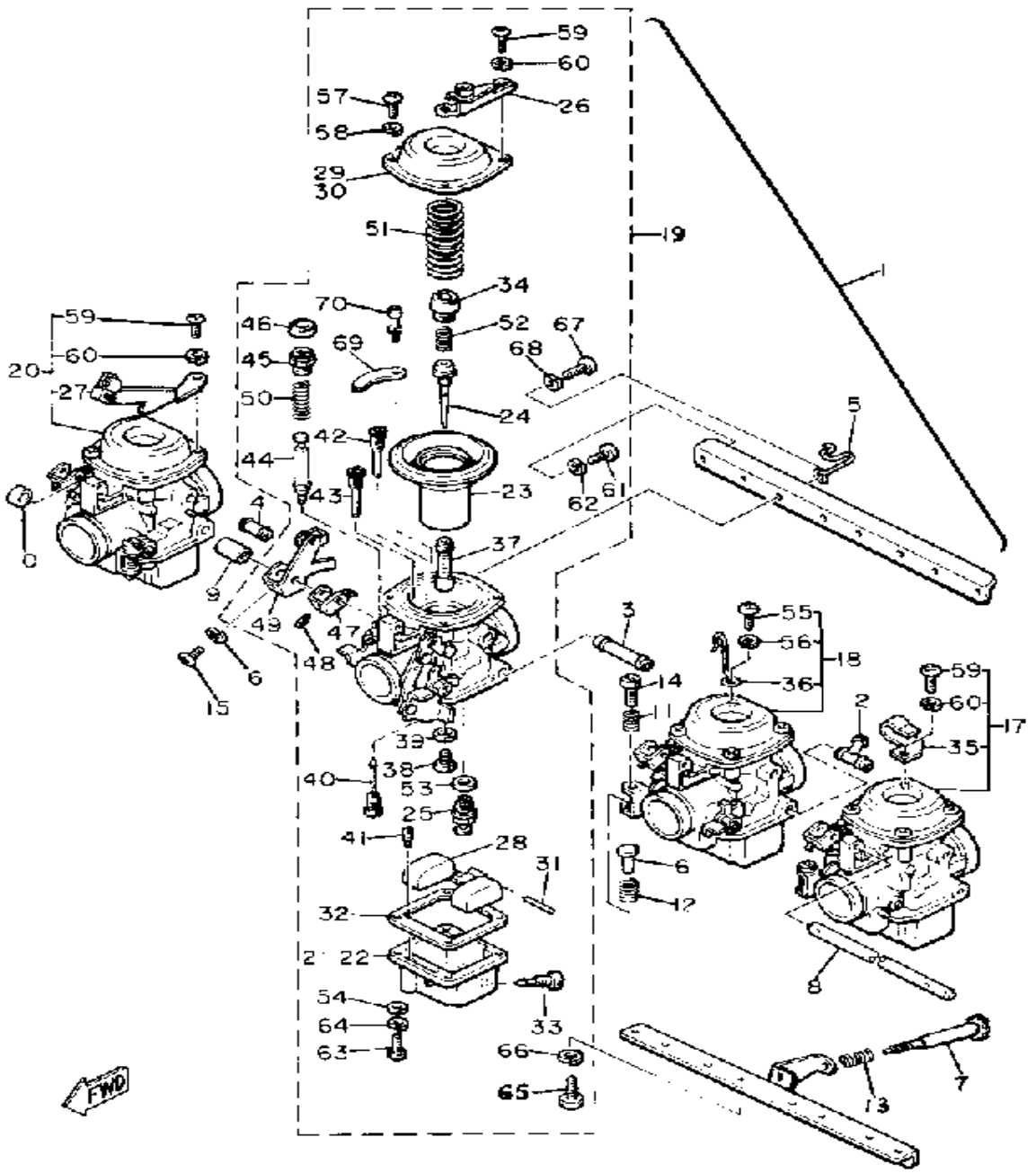
CARBURETOR



Ref. No.	Part Number	Description	Qty	Remarks
28	4H7-14985-00-00	. . FLOAT	4	
29	4H7-14958-00-00	. . COVER, DIAPHRAGM	2	
30	4H8-14958-00-00	. . COVER, DIAPHRAGM	2	
31	4H7-14186-00-00	. . PIN, FLOAT	4	
32	4H7-14984-01-00	. . GASKET, FLOAT CHMBR (4H7-14984-00)	4	
33	4X7-14191-01-00	. . PLUG, DRAIN	4	
34	(4H7-14936-00-00)	SEAT, SPRING	4	
35	(4H7-14159-00-00)	CLIP	1	
36	4H7-14139-01-00	. . CLIP, PIPE (4H7-14139-00) . .	1	
37	4H7-14921-32-00	. . NOZZLE, MAIN	4	
38	4H7-14925-10-00	. . JET, MAIN #1 0	4	
39	4H7-14945-00-00	. . WASHER, MAIN JET	4	
40	4H7-14948-40-00	. . JET (#40)	4	
41	4H7-14961-40-00	. . JET, STARTER	4	
42	4H7-14928-10-00	. . JET, MAIN AIR	4	
43	4H7-14949-39-00	. . JET, PILOT AIR	4	
44	4H7-14171-00-00	. . PLUNGER, STARTER	4	
45	4H7-14174-00-00	. . CAP, PLUNGER	4	
46	4H7-14173-00-00	. . COVER, PLUNGER CAP . . .	4	
47	(4H7-14975-00-00)	LEVER, STARTER 1	4	
48	4H7-14991-00-00	. . SCREW	4	
49	(4H7-14976-00-00)	LEVER, STARTER 2	1	
50	4H7-14135-00-00	. . SPRING, PLUNGER	4	
51	4H7-14933-00-00	. . SPRING, DIAPHRAGM	4	
52	4H7-14589-01-00	. . SPRING	4	
53	4H7-14952-00-00	. . WASHER	4	
54	(4H7-14955-00-00)	WASHER	16	
55	98580-04010-00	. SCREW, PAN HEAD	1	

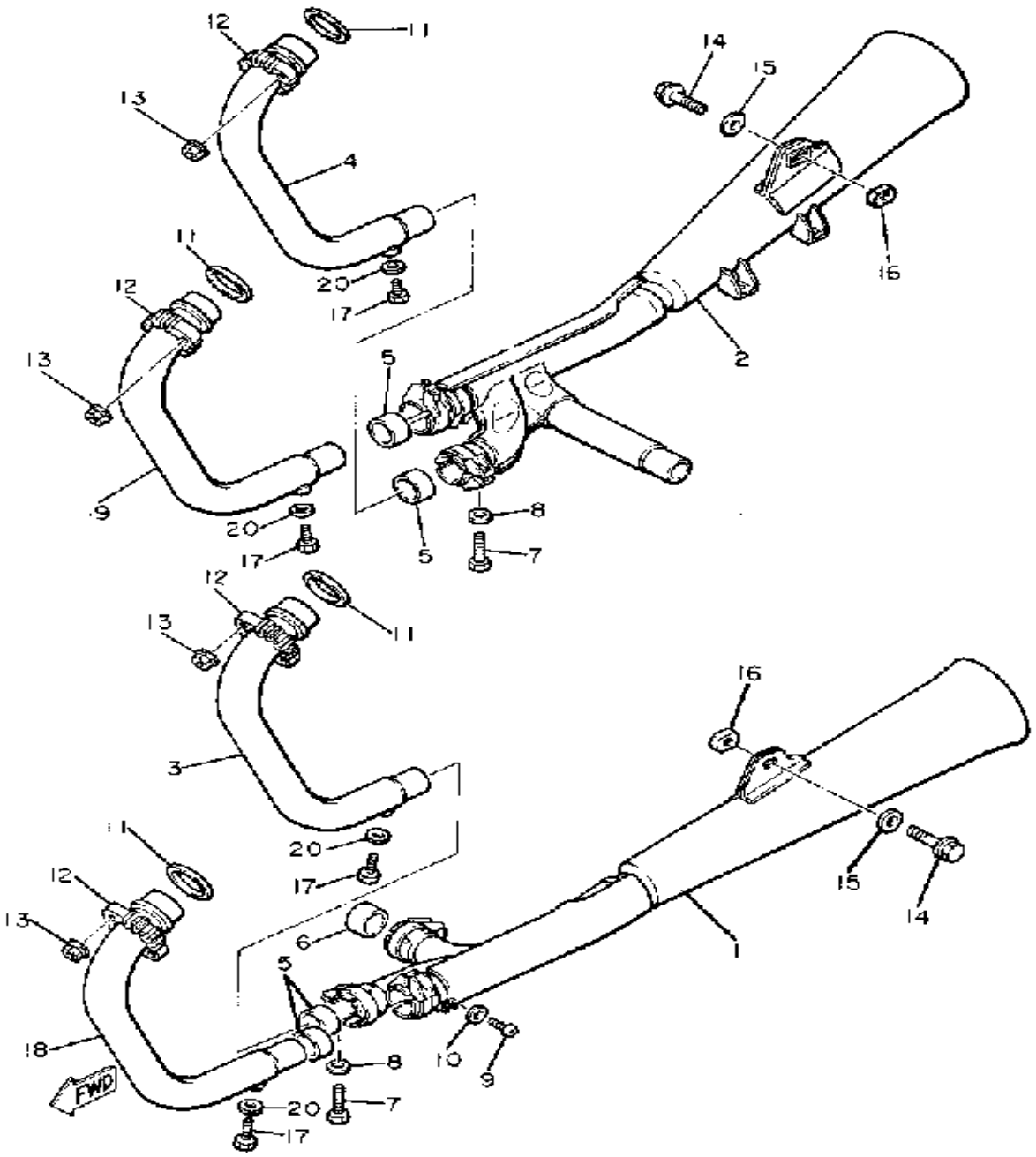
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CARBURETOR



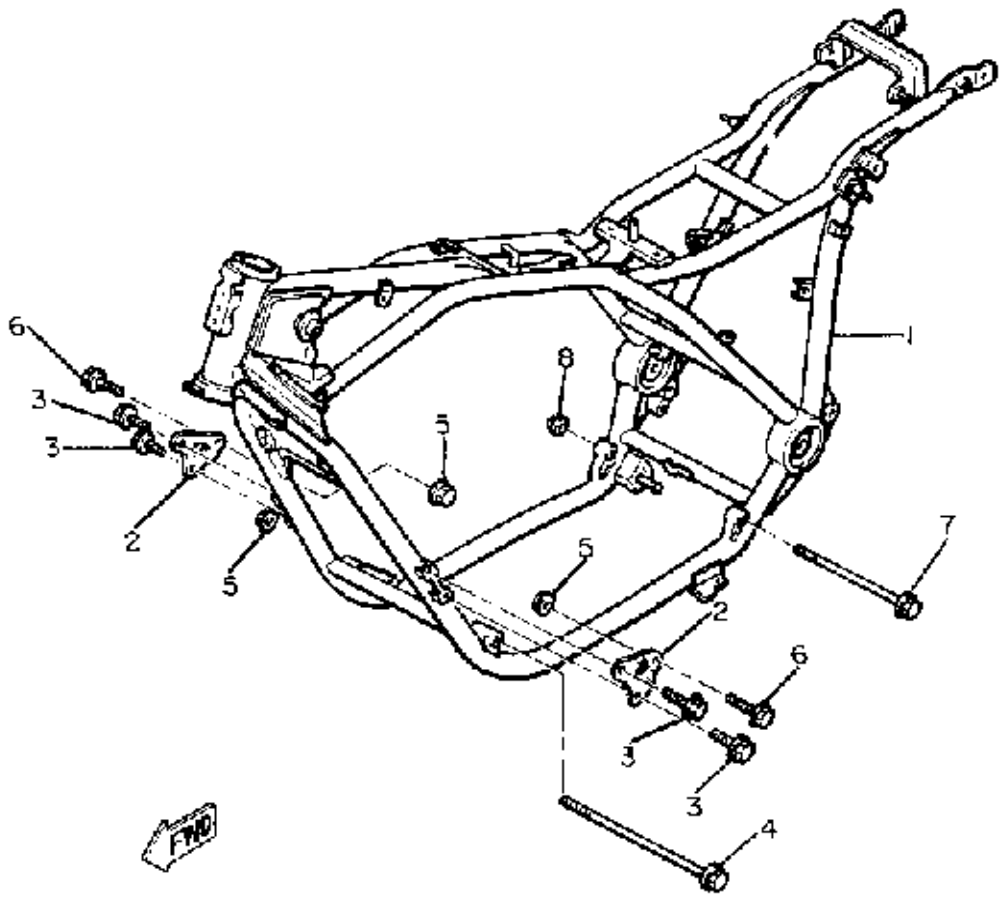
Ref. No.	Part Number	Description	Qty	Remarks
56	92901-04100-00	. . WASHER, SPRING	1	
57	98580-04008-00	. . SCREW, PAN HEAD	10	
58	98580-04008-00	. . SCREW, PAN HEAD	10	
59	92901-04100-00	. . WASHER, SPRING	10	
60	92901-04100-00	. . WASHER, SPRING	5	
	98580-04010-00	. . SCREW, PAN HEAD	5	
61	98580-05010-00	. . SCREW, PAN HEAD	3	
62	92990-05100-00	. . WASHER, SPRING	3	
63	98580-05016-00	. . SCREW, PAN HEAD	16	
64	92990-05100-00	. . WASHER, SPRING	16	
65	98580-06012-00	. . SCREW, PAN HEAD	4	
66	92995-06100-00	. . WASHER, SPRING	4	
67	98580-05012-00	. . SCREW, PAN HEAD	1	
68	92990-05100-00	. . WASHER, SPRING	1	
69	4H7-14527-00-00	. . PLATE	4	
70	4H7-14325-00-00	. . SCREW, PAN HEAD	4	

EXHAUST



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-14710-01-00	MUFFLER ASSEMBLY L	1	
2	4H7-14720-01-00	MUFFLER ASSEMBLY R	1	
3	4H7-14621-02-00	PIPE, EXHAUST R	1	
4	4H7-14631-02-00	PIPE, EXHAUST 3	1	
5	1JK-14714-00-00	GASKET, MUFFLER	4	
6	4H7-14714-00-00	GASKET, muffler (DXK)	1	
7	97013-08025-00	BOLT	5	
8	92901-08600-00	WASHER	5	
9	98511-06025-00	SCREW PAN HEAD (92501-06025)	2	
10	92901-06600-00	WASHER	2	
11	4H7-14613-00-00	GASKET, EXST PIPE	4	
12	4H7-14612-00-00	NUT, RING	4	
13	90179-06499-00	NUT	8	
14	95811-10040-00	BOLT, FLANGE (95801-10040)	2	
15	90201-10669-00	WASHER, PLATE	2	
16	90179-10276-00	NUT, SPEC''L SHAPE	2	
17	97013-06012-00	BOLT	4	
18	4H7-14611-02-00	PIPE, EXHAUST L	1	
19	4H7-14641-02-00	PIPE, EXHAUST 4	1	
20	92990-06600-00	WASHER, PLATE	4	

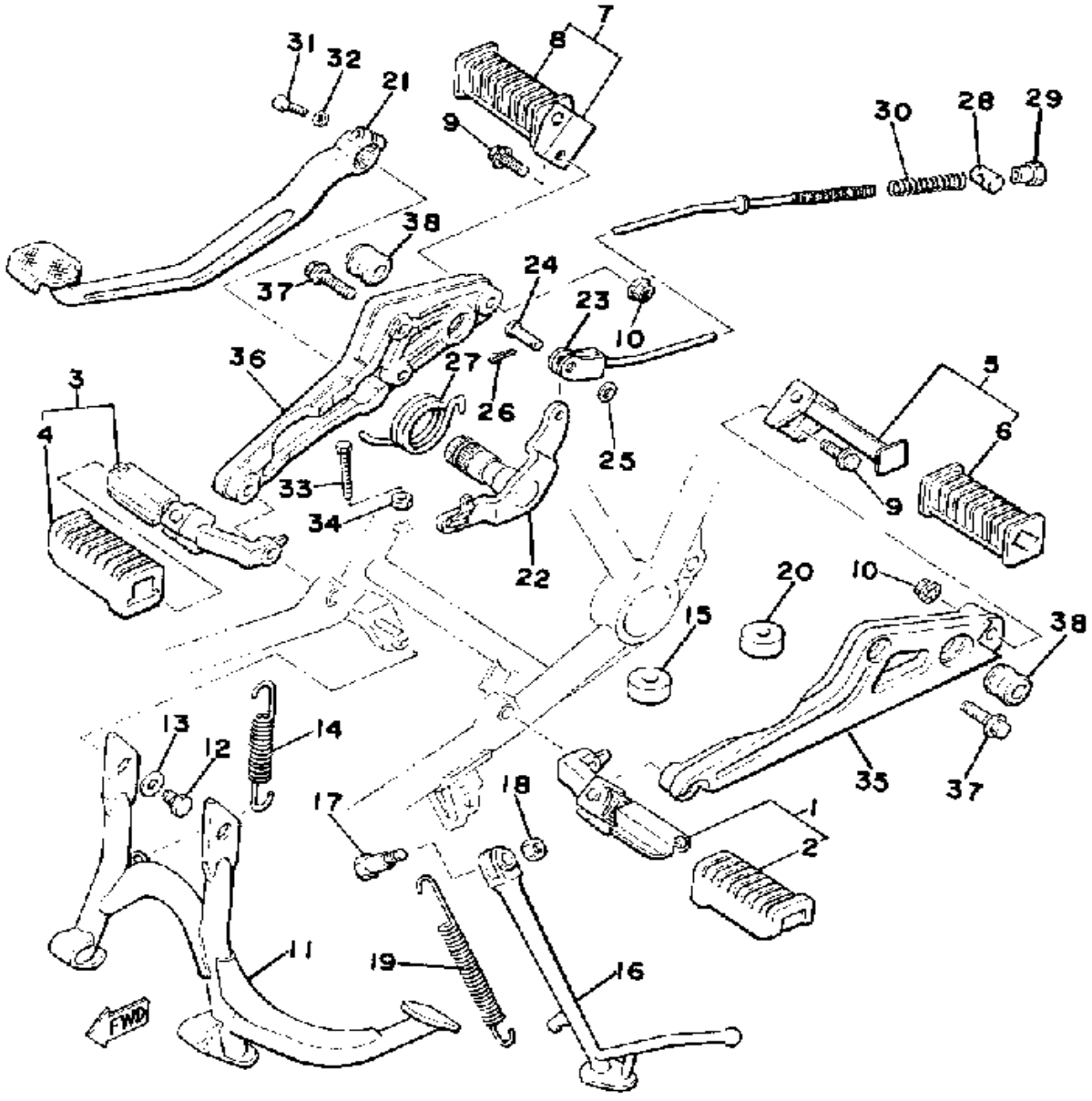
MODEL · IBM I.D. NUMBER	XJ650G - B XJ650G - R 4H7
Initial Engine Number / Frame Number	4H7-000101 / 4H7-000101
Basic Color(s)	Black Gold (B) New Ruby Red (R)



FRAME

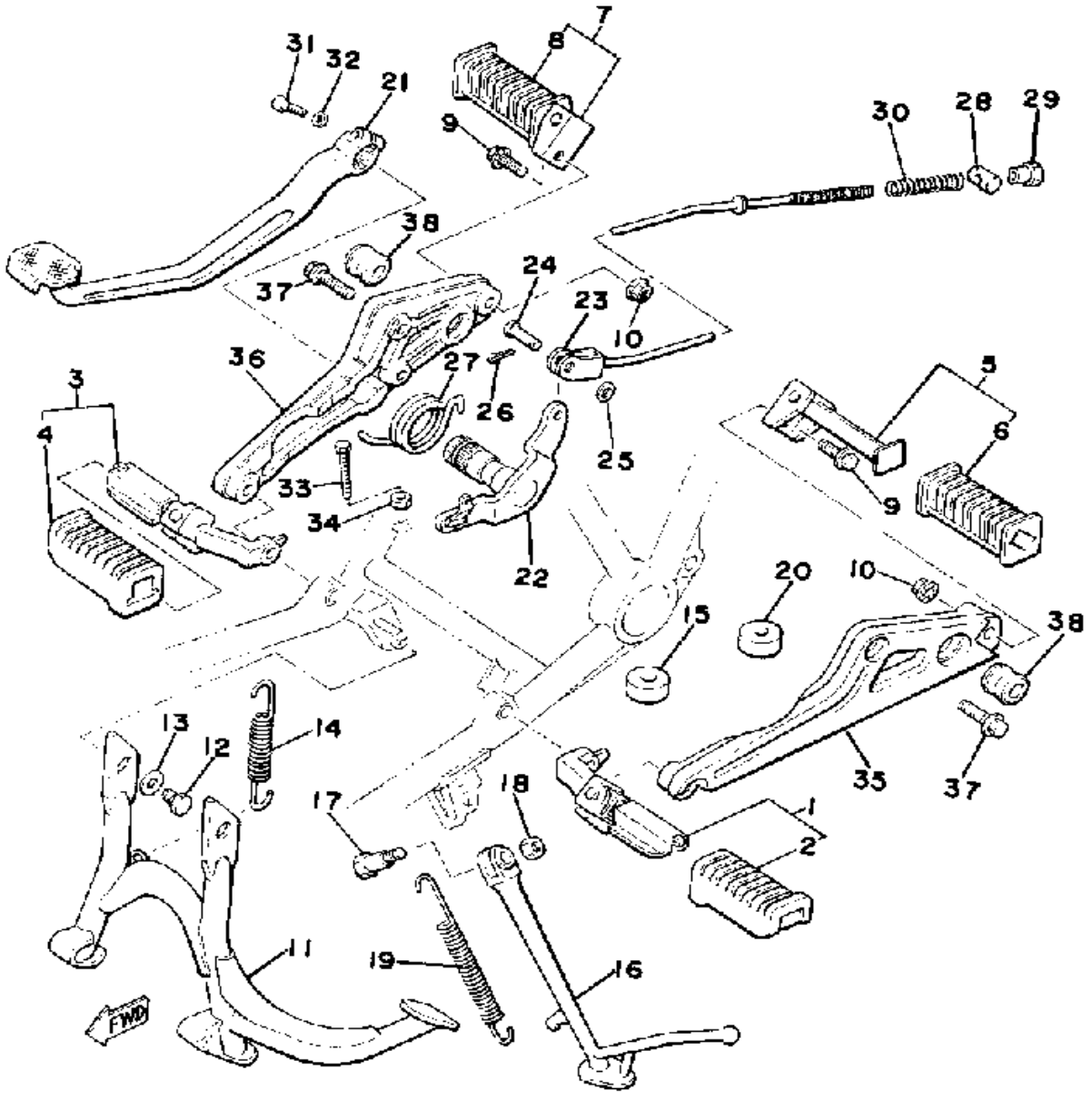
Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-2134Y-00-00)	STAY, HORN	1	
	(99999-01225-00)	FRAME COMP	1	YAMAHA BLACK
	4H7-21110-01-33	. UNAVAILABLE IN PRICE BOOK	1	
	92906-08100-00	. WASHER, SPRING	2	
	97016-08016-00	. BOLT	2	
2	4H7-21315-00-00	STAY, ENGINE 2	2	
3	90105-08155-00	BOLT, WASHER BASED	4	
4	90105-10156-00	BOLT, WASHER BASED	1	
5	90179-10247-00	NUT	3	
6	90105-10038-00	BOLT, WASHER BASED	2	
7	90105-12157-00	BOLT, WASHER BASED	1	
8	90179-12421-00	NUT, SPEC''L SHAPE	1	

STAND - FOOTREST



Ref. No.	Part Number	Description	Qty	Remarks
1	4W5-27410-00-00	FRT FOOTREST ASSEMBLY L	1	
2	4L0-27423-00-00	. COVER, FOOTREST	1	
3	4H7-27420-00-00	FRT FOOTREST ASSEMBLY R	1	
4	4L0-27423-00-00	. COVER, FOOTREST	1	
5	4H7-27430-00-00	RR FOOTREST ASSEMBLY 1 .	1	
6	1J7-27433-00-00	. COVER, RR FOOTREST	1	
7	4H7-27440-00-00	RR FOOTREST ASSEMBLY 2 .	1	
8	1J7-27444-00-00	. COVER, RR FOOTREST	1	
9	95811-10035-00	BOLT, FLANGE	2	
10	90179-10247-00	NUT	2	
11	4H7-27111-00-R4	STAND, MAIN	1	BLACK
12	97011-10016-00	BOLT, HEXAGON	2	
13	90201-10752-00	WASHER, PLATE	2	
14	90506-35149-00	SPRING, TENSION	1	
15	1A0-27114-00-00	STOPPER, MAIN STAND	1	
16	(4H7-27311-01-R4)	STAND, SIDE	1	BLACK
17	90109-103A1-00	BOLT	1	
18	95303-10700-00	NUT	1	
19	90506-28146-00	SPRING, TENSION	1	
20	1A0-27114-00-00	STOPPER, MAIN STAND	1	
21	4H7-27211-00-00	PEDAL, BRAKE	1	
22	4H7-27212-00-00	SHAFT, BRAKE PEDAL	1	
23	4H7-27231-00-00	ROD, BRAKE	1	
24	90240-06103-00	PIN, CLEVIS	1	
25	92990-06200-00	WASHER	1	
26	91490-20020-00	PIN, COTTER	1	
27	90501-10245-00	SPRING, COMPRESSION	1	
28	90249-12008-00	PIN	1	
29	90179-06411-00	NUT	1	

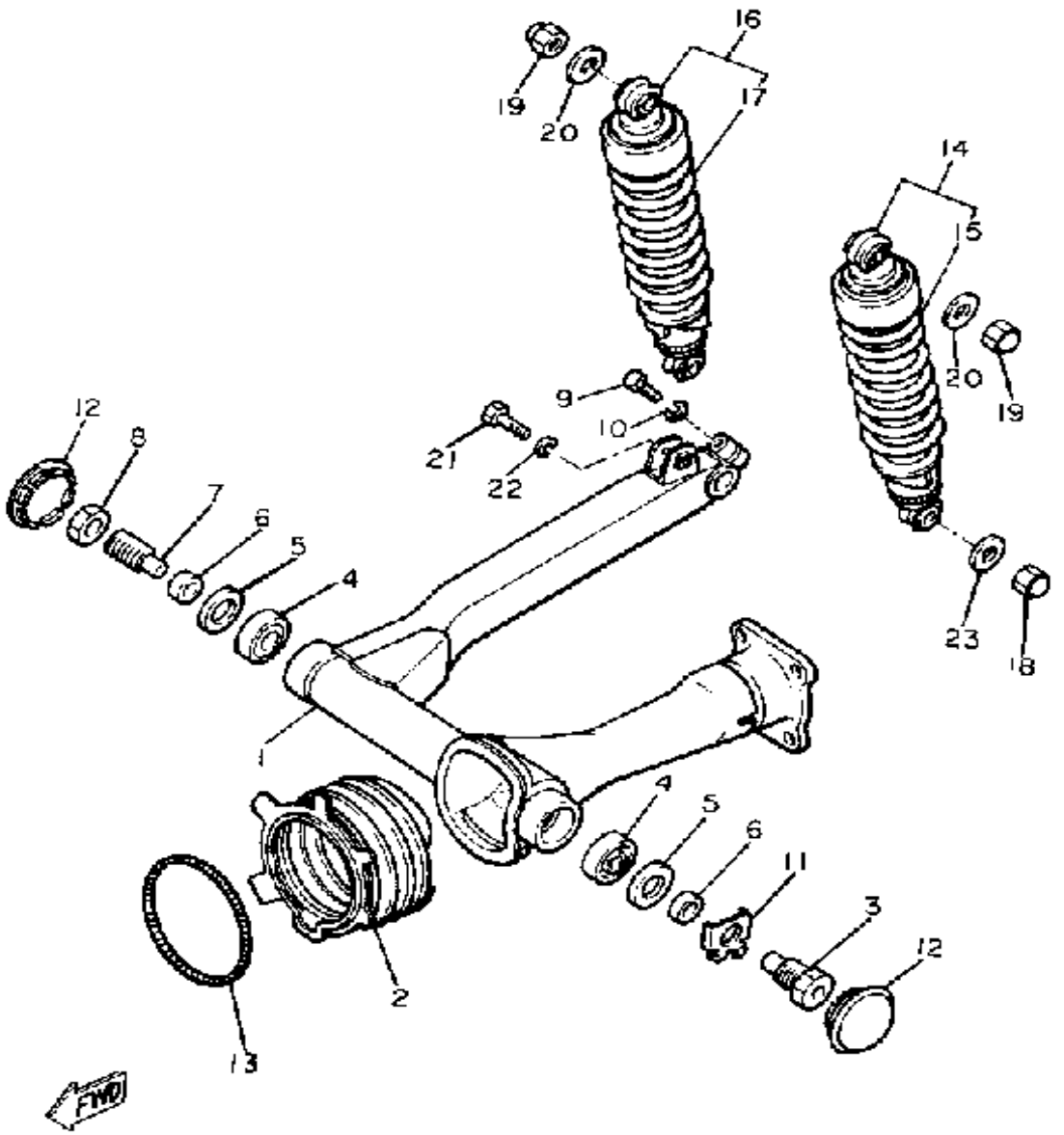
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STAND - FOOTREST

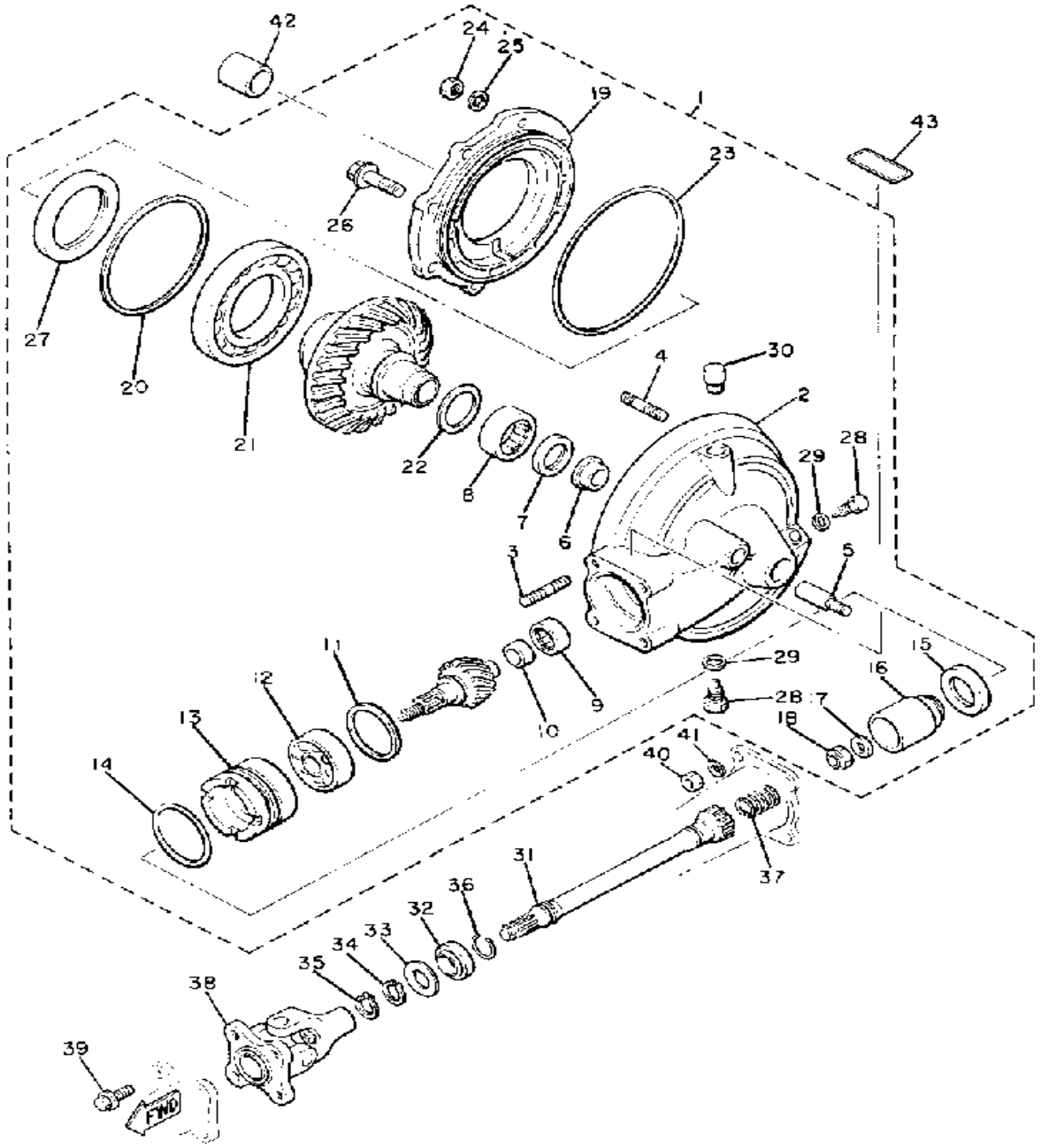
Ref. No.	Part Number	Description	Qty	Remarks
30	90508-45446-00	SPRING, TORSION	1	
31	90109-06468-00	BOLT	1	
32	92995-06100-00	WASHER, SPRING	1	
33	90153-06009-00	SCREW, HEXAGON	1	
34	90170-06184-00	NUT, HEXAGON	1	
35	4H7-27442-00-00	BRACKET 2	1	
36	4H7-27443-00-00	BRACKET 3	1	
37	95811-10030-00	BOLT, FLANGE	3	
38	3H3-27414-00-00	DAMPER, FOOTREST	2	

REAR ARM - SUSPENSION



Ref. No.	Part Number	Description	Qty	Remarks
1	16G-22110-00-98	REAR ARM (4H7-22110-00-98) .	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	97313-08035-00	BOLT, HEXAGON	1	
10	92990-08100-00	WASHER	1	
11	90215-22238-00	WASHER, LOCK	1	
12	2H7-2219X-00-00	COVER	2	
13	90506-07136-00	SPRING, TENSION	1	
14	(4H7-22210-A0-00)	SHK/ABS ASSEMBLY, REAR .	1	HEAVY DUTY
	5N8-22210-00-00	SHK/ABS ASSEMBLY, REAR .	1	
15	4H7-22212-00-00	. SPRING	1	
	4H7-22212-A0-00	. SPRING	1	HEAVY DUTY
16	4H7-22210-E0-00	SHK/ABS ASSEMBLY, REAR .	1	HEAVY DUTY
	5N8-22210-10-00	SHK/ABS ASSEMBLY, REAR .	1	
17	4H7-22212-00-00	. SPRING	1	
	4H7-22212-A0-00	. SPRING	1	HEAVY DUTY
18	90176-10013-00	NUT, CROWN	1	
19	90176-10013-00	NUT, CROWN	2	
20	90201-10142-00	WASHER, PLATE (341-22243-00)	2	
21	90106-10030-00	BOLT, DOME HEAD	1	
22	92990-10100-00	WASHER, SPRING	1	
23	90201-10437-00	WASHER, PLATE	1	

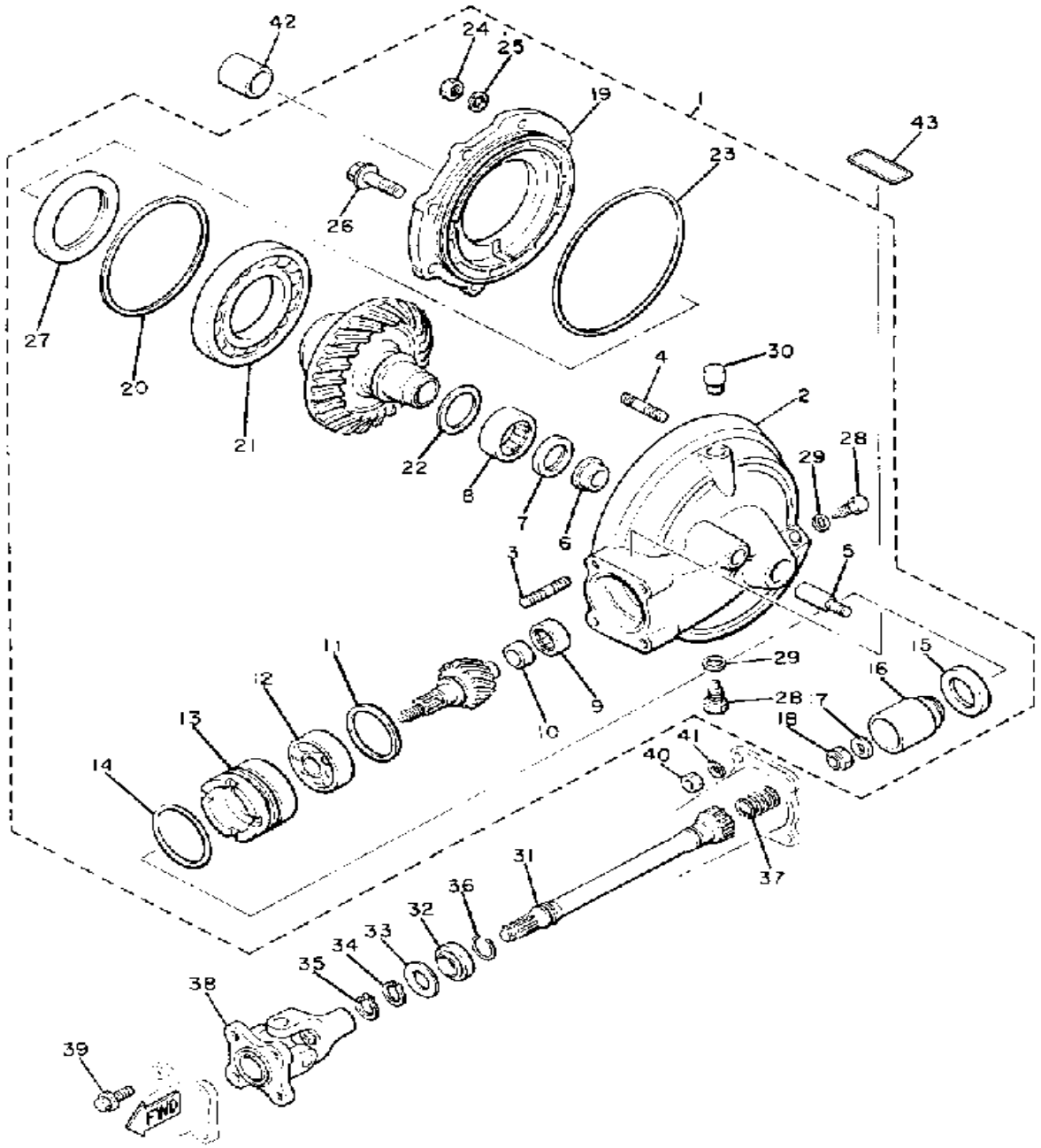
DRIVE SHAFT



Ref. No.	Part Number	Description	Qty	Remarks
1	5G2-46101-01-00	REAR AXLE GEAR CASE ASSEMBLY	1	
2	(4H7-46151-00-00)	HOUSING, DR SHAFT	1	
3	(90116-10327-00)	BOLT, STUD	4	
4	90116-08247-00	. BOLT, STUD	6	
5	90116-10249-00	. BOLT, STUD	1	
6	4H7-46153-00-00	. COLLAR, GUIDE	1	
7	93101-30084-00	. OIL SEAL	1	
8	93311-43729-00	. BEARING	1	
9	93317-41510-00	. BEARING	1	
10	2H7-46122-00-00	. RACE, INNER	1	
11	1J7-17537-Y0-30	. SHIM, THRUST (0.30T)	1	U.R.
	1J7-17537-Y0-40	. SHIM, THRUST (0.40T)	1	U.R.
	1J7-17537-Y0-50	. SHIM, THRUST (0.50T)	1	U.R.
12	93306-30533-00	. BEARING (B6305RB1 SPECIAL)	1	
13	4H7-46125-00-00	. RETAINER, BEARING	1	
14	93210-60426-00	. O-RING	1	
15	93101-38098-00	. OIL SEAL	1	
16	4H7-46123-00-00	. COUPLING, GEAR	1	
17	90201-14632-00	. WASHER, PLATE	1	
18	90185-14070-00	. NUT, SELF-LOCKING	1	
19	4H7-46152-00-00	. HOUSING, BEARING	1	
20	1J7-46117-Y0-25	. SHIM, RING GEAR (0.25T)	1	U.R.
	1J7-46117-Y0-30	. SHIM, RING GEAR (0.30T)	1	U.R.
	1J7-46117-Y0-35	. SHIM, RING GEAR	1	U.R.
	1J7-46117-Y0-40	. SHIM, RING GEAR (0.40T)	1	U.R.
	1J7-46117-Y0-50	. SHIM, RING GEAR (0.50T)	1	U.R.
21	93316-01403-00	. BEARING	1	

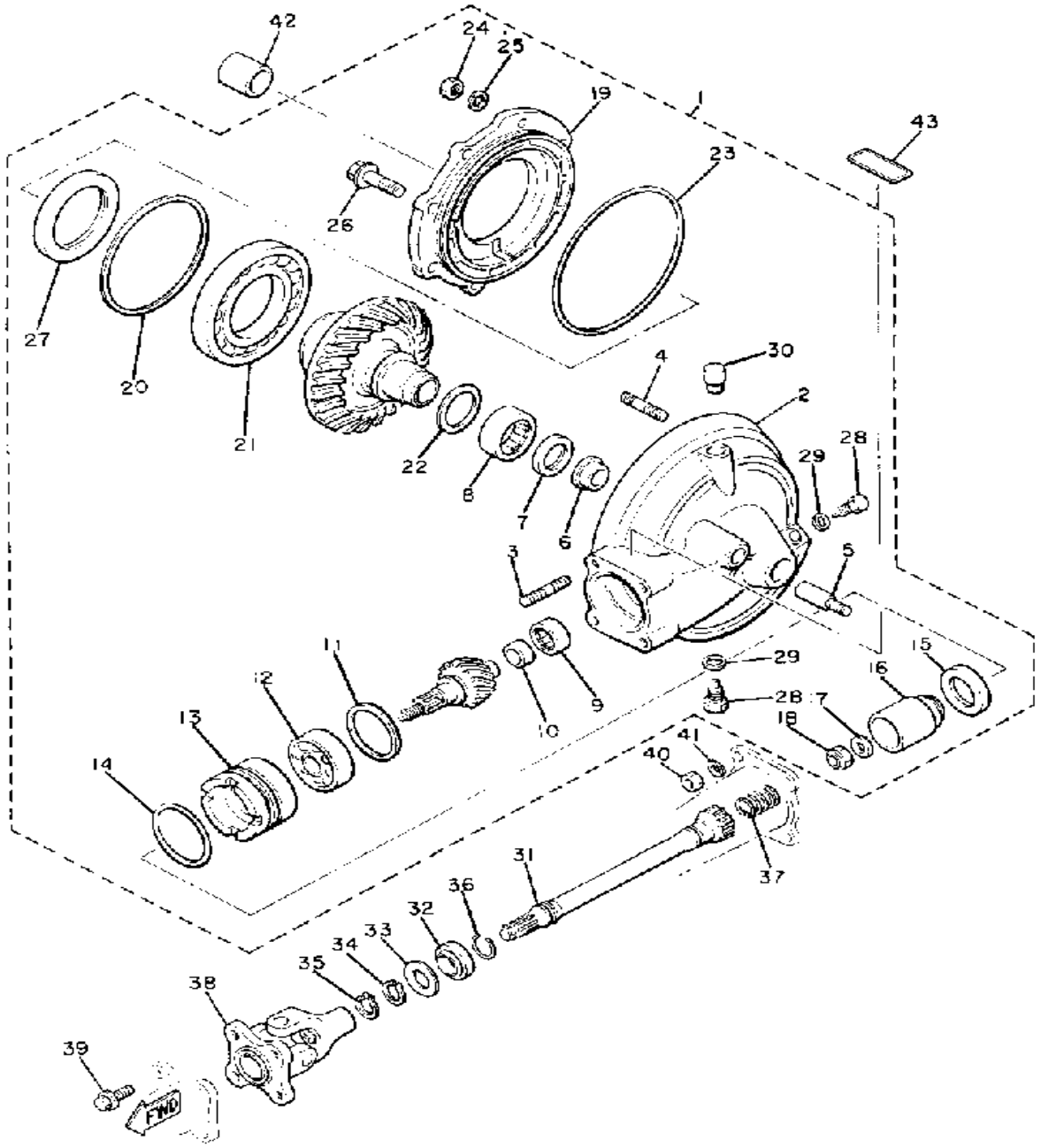
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DRIVE SHAFT



Ref. No.	Part Number	Description	Qty	Remarks
22	1J7-46118-Y0-18	. WASHER, THRUST	1	U.R.
	1J7-46118-Y0-19	. WASHER, THRUST	1	U.R.
	1J7-46118-Y0-20	. WASHER, THRUST	1	U.R
	1J7-46118-Y0-21	. WASHER, THRUST	1	U.R.
	4H7-46118-00-14	. WASHER, THRUST	1	U.R.
	4H7-46118-00-15	. WASHER, THRUST	1	U.R.
	4H7-46118-00-16	. WASHER, THRUST	1	U.R.
	4H7-46118-00-17	. WASHER, THRUST	1	U.R.
	4H7-46118-00-22	. WASHER, THRUST	1	U.R.
	4H7-46118-00-23	. WASHER, THRUST	1	U.R.
23	93211-44348-00	. O-RING	1	
24	95333-08600-00	. NUT	6	
25	92901-08700-00	. WASHER, WAVE	6	
26	95811-10025-00	. BOLT, FLANGE	2	
27	93102-70167-00	. OIL SEAL	1	
28	3VD-13455-00-00	. PLUG	2	
29	214-11198-01-00	. GASKET	2	
30	2H7-17590-00-00	. BREATHER COMP.	1	
31	4H7-46172-00-00	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	1	
39	90105-08155-00	BOLT, WASHER BASED	4	
40	95311-10600-00	NUT	4	
41	92990-10100-00	WASHER, SPRING	4	

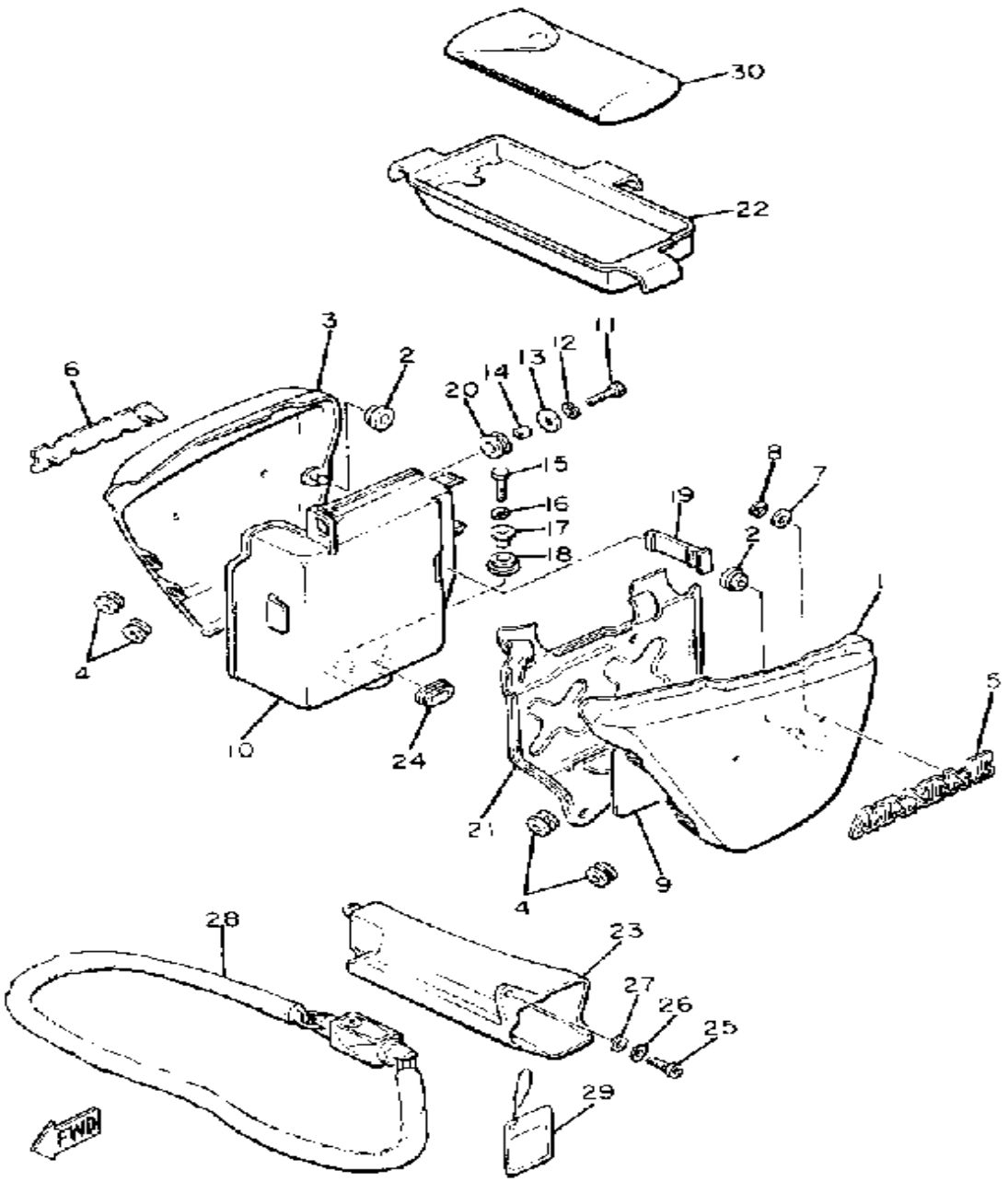
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DRIVE SHAFT

Ref. No.	Part Number	Description	Qty	Remarks
42	90387-172A5-00	COLLAR	1	
43	4H7-46181-10-00	LABEL, OIL CAUTION	1	

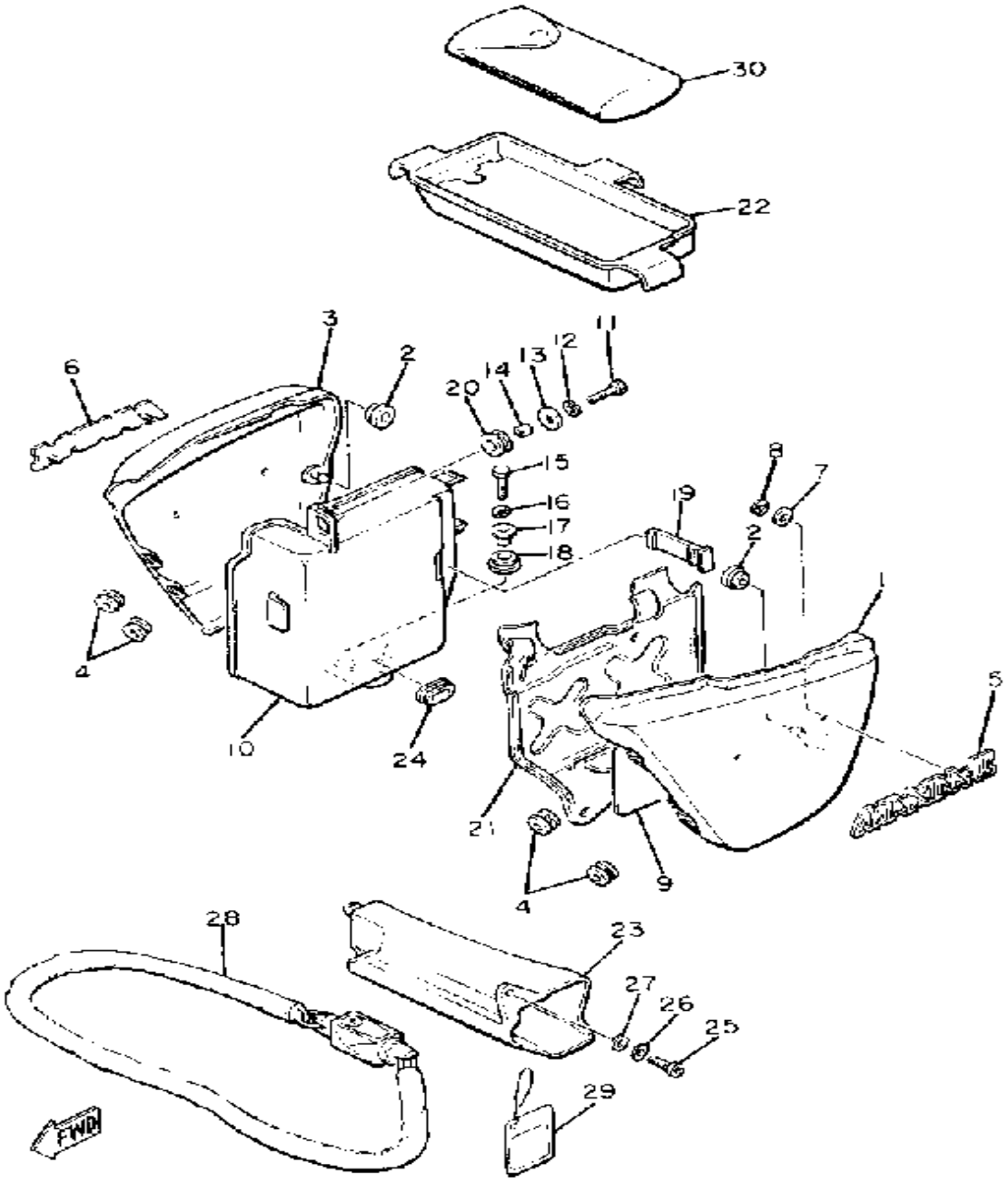
SIDE COVER - TOOL



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-21711-00-6G	COVER, SIDE 1	1	U.R. NEW YAMAHA BLK
	4H7-21711-00-7J	COVER, SIDE 1	1	U.R. NEW RUBY RED
2	90480-01401-00	GROMMET	2	
3	(4H7-21721-01-7J)	COVER, SIDE 2	1	U.R. NEW RUBY RED
	4H7-21721-02-6G	COVER, SIDE 2	1	U.R. NEW YAMAHA BLK
4	90480-12053-00	GROMMET	4	
5	4H7-21781-10-00	EMBLEM 1	1	
6	4H7-21782-10-00	EMBLEM 2	1	
7	90202-04003-00	WASHER, PLATE	4	
8	90183-04005-00	NUT, SPRING	4	
9	(4H7-21683-10-00)	PLATE, SPEC	1	
10	(4H7-21240-01-00)	BOX	1	
11	97011-06025-00	BOLT (97001-06025)	1	
12	92995-06100-00	WASHER, SPRING	1	
13	90201-06407-00	WASHER, PLATE (90201-06747-00)	1	
14	90387-060A7-00	COLLAR	1	
15	97013-08025-00	BOLT	1	
16	92990-08100-00	WASHER	1	
17	90387-093H1-00	COLLAR (46Y)	1	
18	4H7-21746-00-00	DAMPER	1	
19	4H7-2175R-00-00	HOOK, BANK	1	
20	90480-16233-00	GROMMET	1	
21	4H7-21243-01-00	PLATE, BRIDGE	1	
22	4H7-21170-00-00	BOX	1	
23	4H7-21258-00-00	BOX	1	
24	90480-22084-00	GROMMET	1	
25	98580-06020-00	SCREW	1	

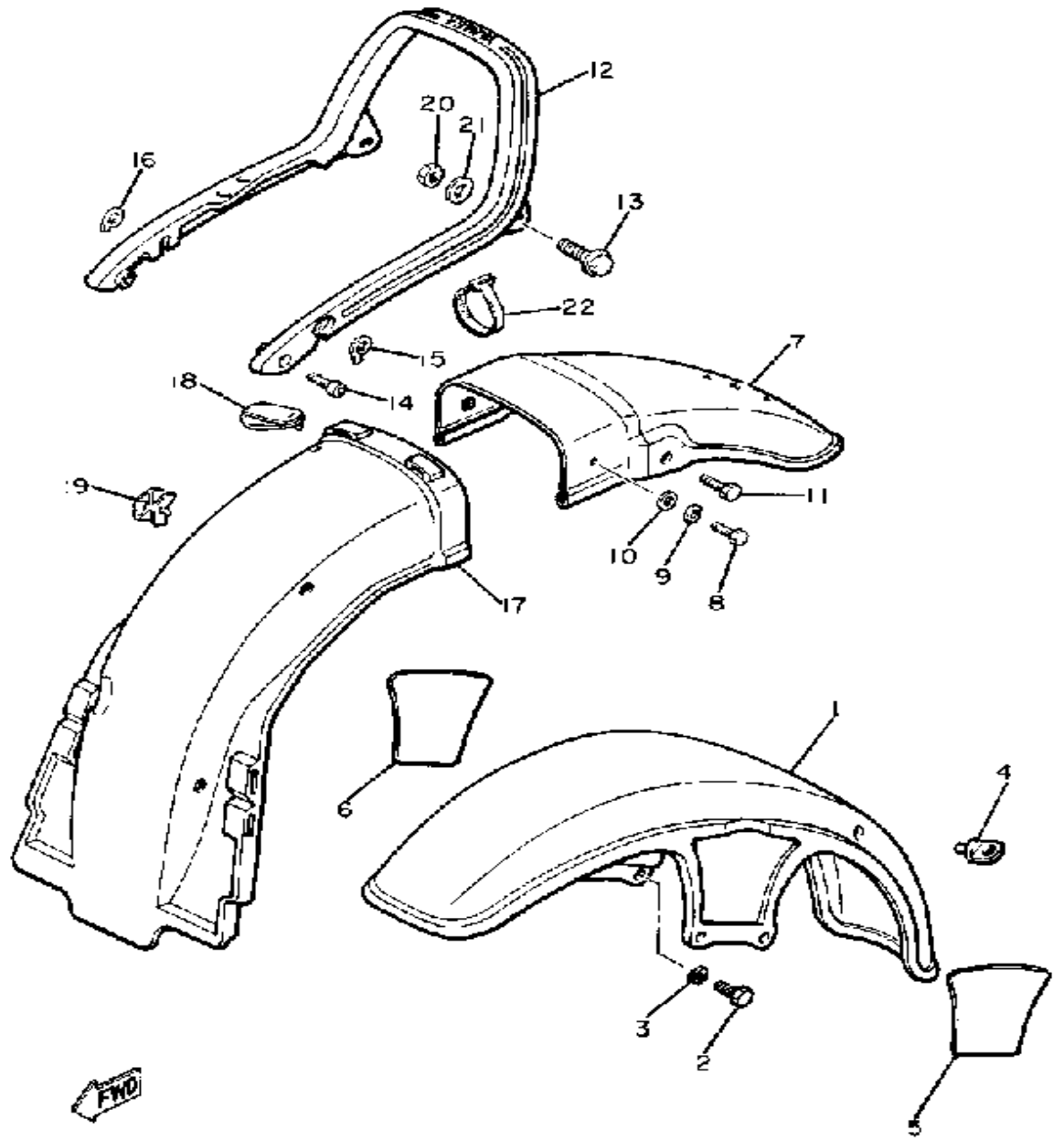
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SIDE COVER - TOOL



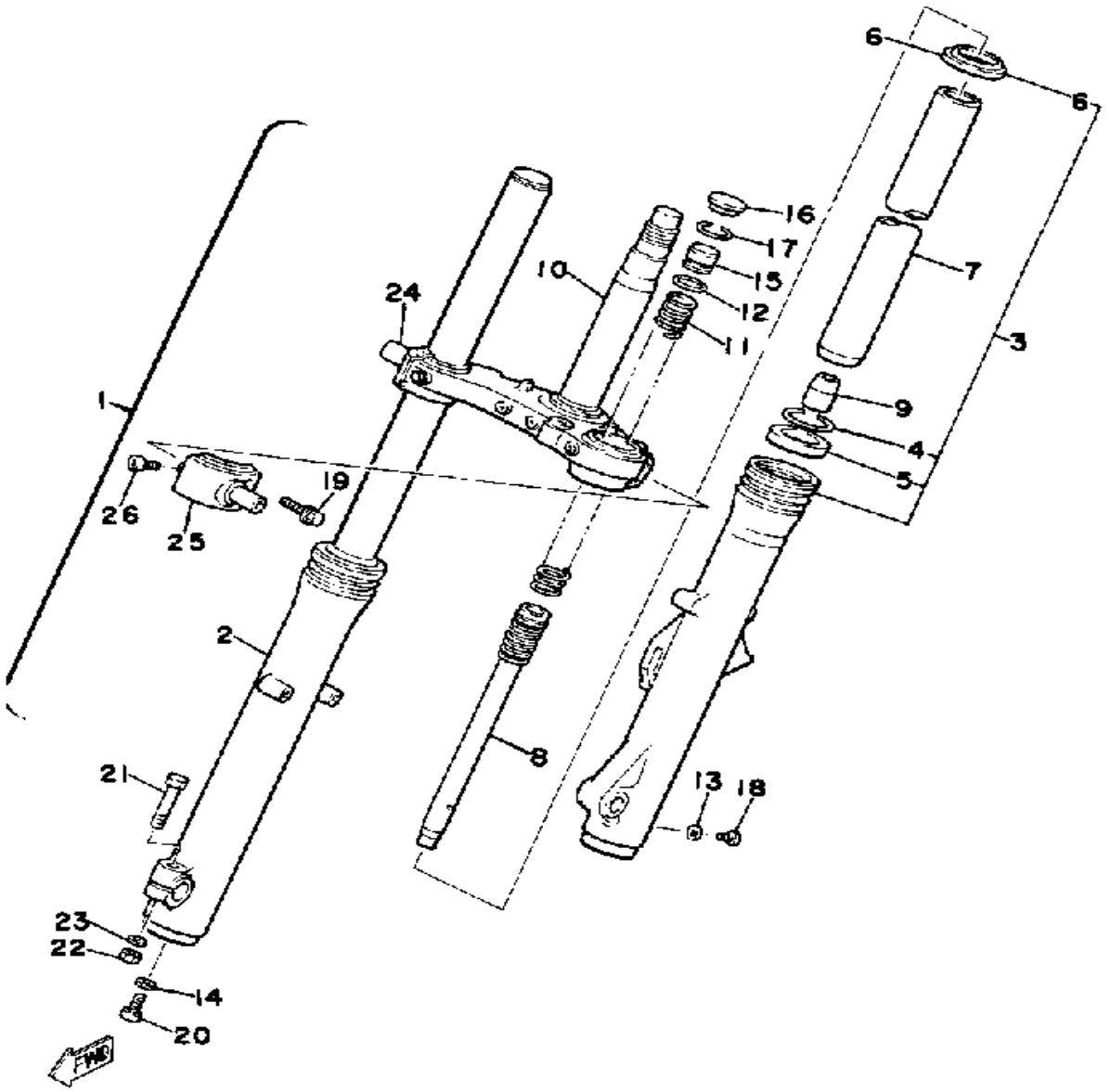
Ref. No.	Part Number	Description	Qty	Remarks
26	92995-06100-00	WASHER, SPRING	1	
27	90201-065F3-00	WASHER, PLATE	1	
28	4W5-W2171-00-00	WHEEL LOCK ASSEMBLY (4X7-W2171-00)	1	
29	(4H7-23496-00-00)	TAG, CAUTION	1	
30	1FX-28100-00-00	TOOL KIT	1	

FRONT FENDER - REAR FENDER



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-21510-01-93	FENDER, FRONT	1	CHROME PLATED
2	97313-08020-00	BOLT, HEXAGON	4	
3	92990-08100-00	WASHER	4	
4	1A0-21518-00-00	HOLDER, CABLE	1	
5	4H7-21575-00-00	SEAL 1	1	
6	4H7-21576-00-00	SEAL 2	1	
7	4X7-21610-01-93	FENDER, REAR	1	CHROME PLATED
8	97013-06012-00	BOLT	2	
9	92995-06100-00	WASHER, SPRING	2	
10	92901-06600-00	WASHER	2	
11	97023-10035-00	BOLT, HEXAGON	2	
12	4H7-21645-00-00	STAY, REAR	1	
13	95811-10025-00	BOLT, FLANGE	2	
14	91311-08030-00	BOLT	2	
15	4H7-22243-00-00	WASHER 1	1	
16	4W5-22244-00-00	WASHER 2 (4H7-22244-00)	1	
17	4H7-21629-00-00	GUARD, MUD	1	
18	90464-12027-00	CLAMP	1	
19	90464-16021-00	CLAMP	1	
20	95311-10600-00	NUT	2	
21	92990-10200-00	WASHER, PLAIN	2	
22	J45-83936-00-00	BAND, SWITCH CORD	1	

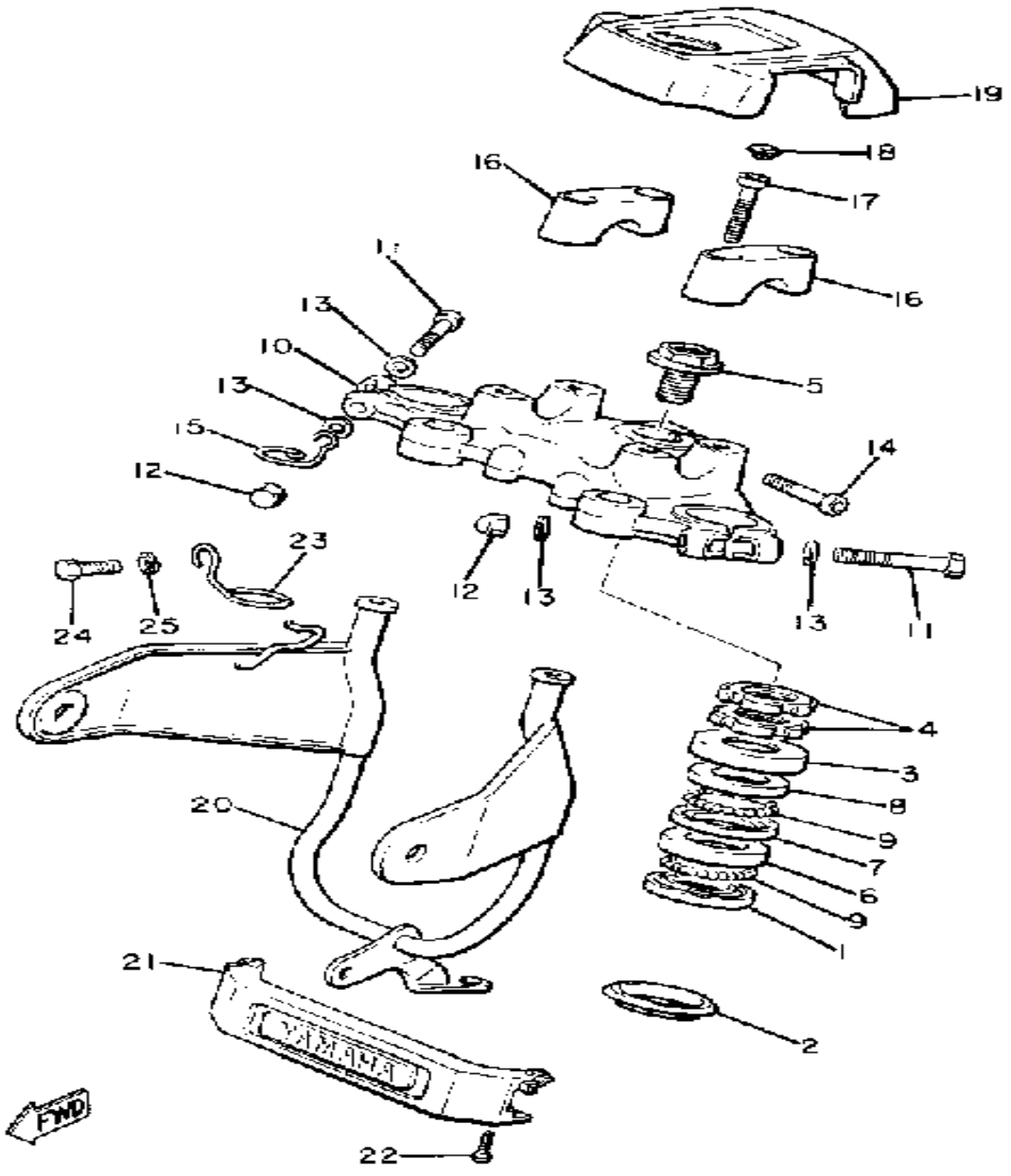
SUSPENSION	
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil / ø / 262cc
Gas Pressure	ø
Spring Length Std.	606mm



FRONT FORK

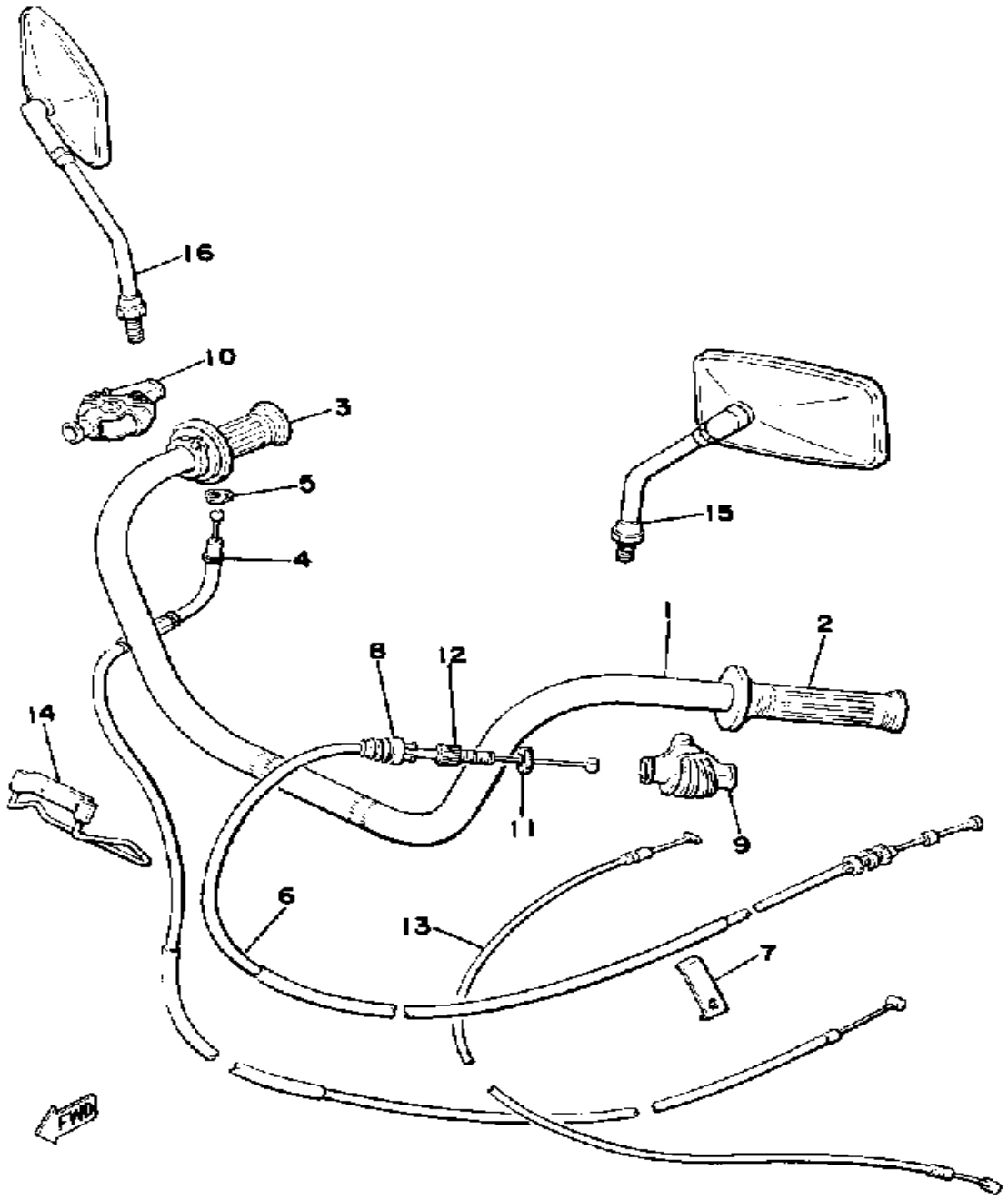
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-23101-00-00	FRONT FORK ASSEMBLY	1	
2	22U-23136-01-38	. TUBE, OUTER 2	1	
3	4H7-23126-00-00	. TUBE, OUTER 1	1	
4	4A1-23156-00-00	. . CLIP, OIL SEAL	2	
5	49A-23145-00-00	. . OIL SEAL (15R-23145-00) ..	2	
6	33M-23144-00-00	. . SEAL, DUST (15R-23144-00)	2	
7	4H7-23110-00-00	. INNER TUBE 1	2	
8	4H7-23170-00-00	. CYLINDER, FRTFRKFRONT FORK	2	
9	1W1-23173-L0-00	. SPINDLE, TAPER	2	
10	5N8-23340-00-33	. UNDER BRACKET	1	
11	(4H7-23141-00-00)	SPRING, FRONT FORK	2	
	(4H7-23141-A0-00)	SPRING, FRONT FORK	2	HEAVY DUTY
12	3J2-23114-00-00	. GASKET	2	
13	122-23129-00-00	. GASKET, DRAIN PLUG	2	
14	509-23158-L0-00	. GASKET	2	
15	3Y1-23111-00-00	. BOLT, CAP	2	
16	3Y1-23168-00-00	. CAP, FRONT FORK	2	
17	3J2-23183-00-00	. CIRCLIP	2	
18	4H7-23119-00-00	. PLUG, DRAIN - (122-23119-01)	2	
19	18G-23128-00-00	. BOLT, W/WASHER	4	
20	278-23181-50-00	. BOLT, HEXAGON SOCKET HEAD	2	
21	97313-08045-00	. BOLT	1	
22	95333-08600-00	. NUT	1	
23	92990-08100-00	. WASHER	1	
24	4H7-23132-00-00	. COVER, OUTER 2	1	
25	4H7-23122-00-00	. COVER, OUTER 1	1	
26	4H7-23181-00-00	. BOLT, HEX SCKT HEAD	2	

STEERING



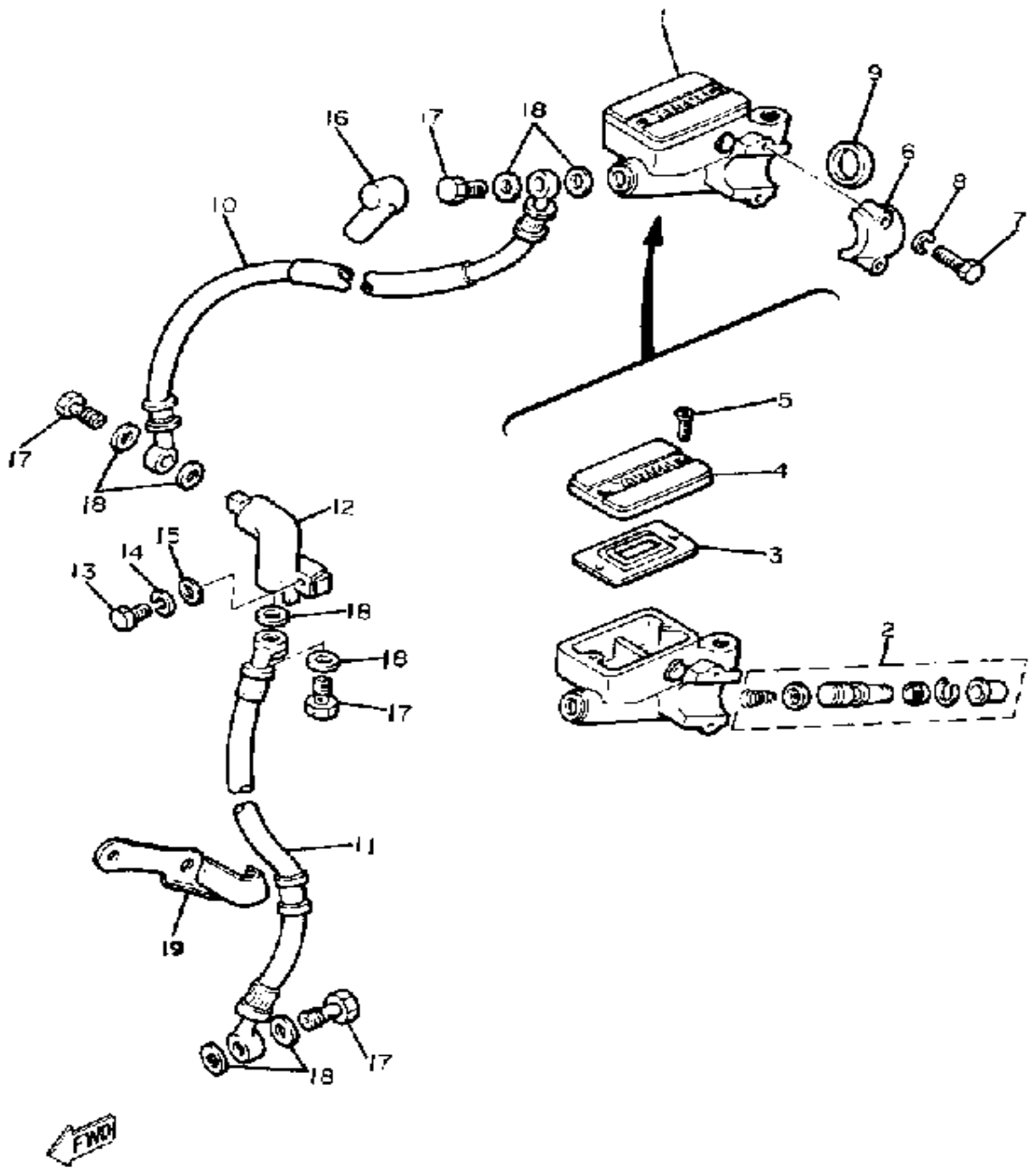
Ref. No.	Part Number	Description	Qty	Remarks
1	256-23411-00-00	RACE, BALL 1	1	
2	164-23462-00-00	SEAL, STEERING	1	
3	136-23415-00-00	COVER, BALL RACE 1	1	
4	90179-25033-00	NUT	2	
5	90105-14102-00	BOLT, WASHER BASED	1	
6	256-23412-00-00	RACE, BALL 2	1	
7	256-23413-00-00	RACE, BALL 3	1	
8	256-23414-00-00	RACE, BALL 4	1	
9	93501-04011-00	BALL	38	
10	4H7-23435-00-98	CROWN, HANDLE	1	LOW GLOSS BLK
11	97313-08055-00	BOLT, HEXAGON	2	
12	95303-08800-00	NUT (CROWN) (95301-08800)	2	
13	92901-08600-00	WASHER	4	
14	91316-08040-00	BOLT, SOCKET HEAD	1	
15	4H7-23317-00-00	HOLDER, CABLE	1	
16	4H7-23441-00-98	HOLDER, HANDLE UPR	2	
17	91316-08030-00	BOLT, SOCKET HEAD	4	
18	341-23469-00-00	CAP, BOLT	4	
19	4H7-26213-00-00	COVER, UPPER	1	
20	4H7-23174-00-00	STAY, HEADLIGHT	1	
21	4H7-23395-00-00	EMBLEM	1	
22	98780-05012-00	SCREW, FLAT HEAD	2	
23	4H3-23318-00-00	HOLDER, CABLE 1	1	
24	97013-06012-00	BOLT	1	
25	92995-06100-00	WASHER, SPRING	1	

HANDLEBAR - CABLE



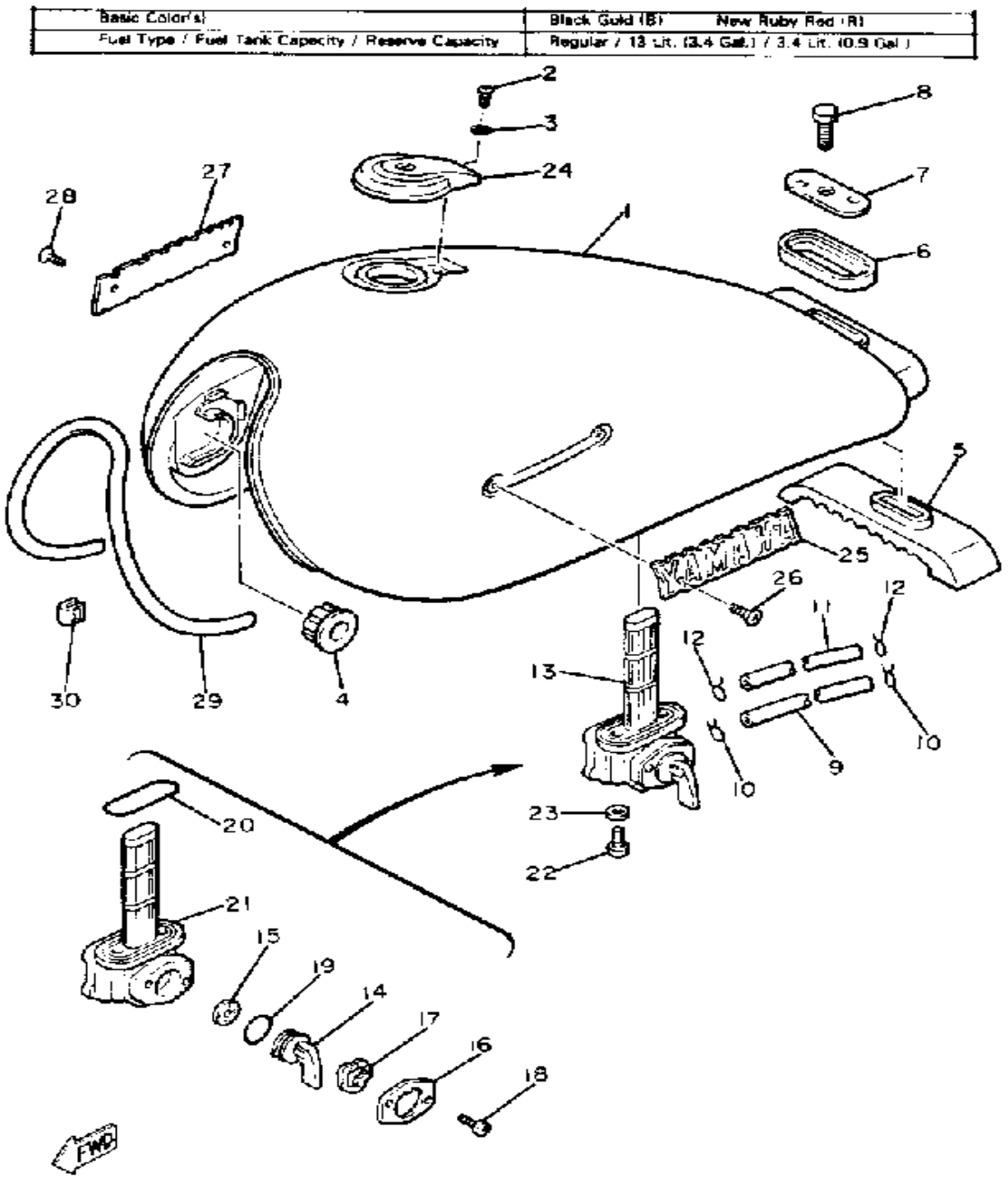
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-26111-00-00	HANDLEBAR	1	
2	2H7-26241-00-00	GRIP LH	1	
3	2H7-26240-00-00	GRIP ASSEMBLY RH	1	
4	5L8-26311-00-00	CABLE, THROTTLE	1	
5	584-26393-02-00	HOLDER	1	
6	4H7-26335-00-00	CABLE, CLUTCH	1	
7	(4H7-26393-00-00)	HOLDER	1	
8	1E6-26342-00-00	BOOT, CABLE	1	
9	1E6-26372-00-00	COVER, HANDLE LEVER 1	1	
10	1T5-26372-00-00	COVER, HANDLE LEVER	1	
11	90179-08148-00	NUT	1	
12	90123-08046-00	BOLT	1	
13	5L8-26331-00-00	CABLE, STARTER 1	1	
14	(1J7-26399-00-00)	GUIDE, CABLE	1	
15	4H7-26290-10-00	BACK MIRROR ASSEMBLY (LEFT)	1	
16	4H7-26290-00-00	BACK MIRROR ASSEMBLY (RIGHT)	1	

FRONT MASTER CYLINDER



Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-25850-02-00	MASTER CYLINDER ASSEMBLY	1	
2	4H7-W0041-00-00	. CYLINDER KIT, MASTER	1	
3	4L0-25854-00-00	. DIAPHRAGM, RESERVOIR	1	
4	4H7-25852-00-00	. CAP, RESERVOIR	1	
5	98706-04010-00	. SCREW, FLAT HEAD	2	
6	4L0-25867-00-00	BRACKET, MASTER CYLINDER	1	
7	97016-06025-00	BOLT	2	
8	92906-06100-00	WASHER, SPRING	2	
9	90387-22660-00	COLLAR	1	
10	2G2-25872-01-00	HOSE, BRAKE 1	1	
11	4H7-25873-00-00	HOSE, BRAKE 2	1	
12	1J7-25885-01-00	JOINT	1	
13	97011-06025-00	BOLT (97001-06025)	1	
14	92995-06100-00	WASHER, SPRING	1	
15	92901-06600-00	WASHER	1	
16	306-25862-00-00	BOOT, MASTER CYLINDER	1	
17	90401-10034-00	BOLT, UNION	4	
18	90201-10118-00	WASHER, PLATE	8	
19	1J3-25876-02-00	HOLDER, BRKE HOSE 2	1	

FUEL TANK

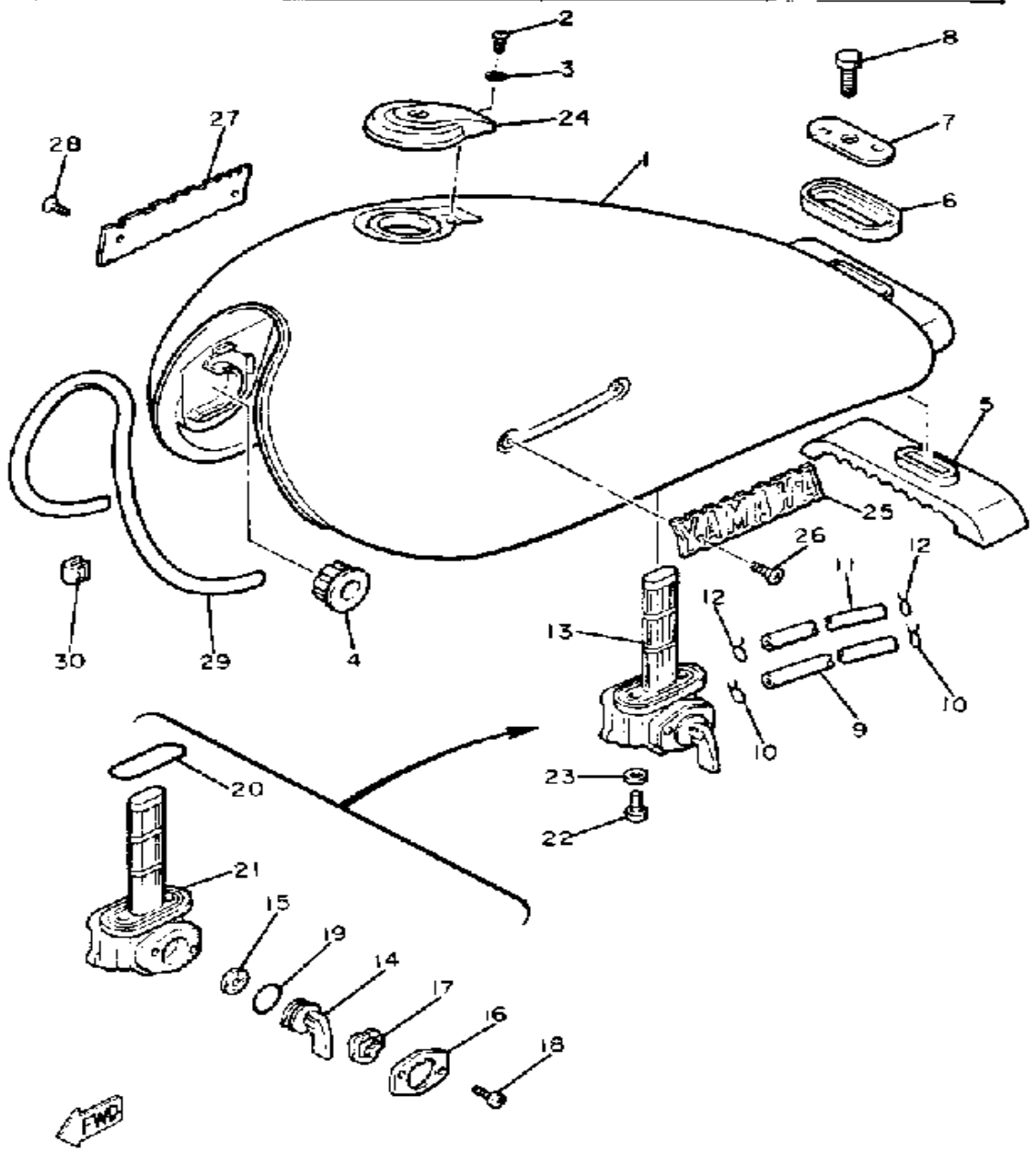


Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-24110-00-6G	FUEL TANK	1	U.R. NEW YAMAHA BLK
	4H7-24110-00-7J	FUEL TANK	1	U.R. NEW RUBY RED
2	98580-05010-00	SCREW, PAN HEAD	1	
3	92990-05100-00	WASHER, SPRING	1	
4	4H7-24181-00-00	DAMPER, LOCATING 1	2	
5	4H7-24182-01-00	DAMPER, LOCATING 2	1	
6	4H7-24183-00-00	DAMPER, LOCATING 3	1	
7	4H7-24186-00-00	WASHER, SPECIAL	1	
8	97011-08016-00	BOLT	1	
9	90445-11501-00	HOSE	1	
10	90467-10008-00	CLIP	2	
11	90445-09500-00	HOSE	1	
12	90467-08003-00	CLIP	2	
13	3AL-24500-00-00	FUEL COCK ASSEMBLY 1	1	
14	4H7-24524-00-00	. LEVER, COCK	1	
15	3H3-24523-00-00	. VALVE	1	
16	4H7-24525-00-00	. PLATE, LVR FITTING	1	
17	10L-24518-00-00	. WASHER, wave	1	
18	98580-03008-00	. SCREW, PAN HEAD	2	
19	3H3-24534-00-00	. O-RING	1	
20	2W6-24512-00-00	. O-RING	1	
21	3Y1-24514-00-00	. NET, FILTER 1	1	
22	90149-06011-00	SCREW	2	
23	90202-05187-00	WASHER, PLATE	2	
24	4X7-24602-02-00	CAP ASSEMBLY	1	
25	4H7-24161-00-00	EMBLEM 1	1	
26	90152-04006-00	SCREW, COUNTERSUNK	2	
27	4H7-24162-00-00	EMBLEM 2	1	

CONTINUED ON NEXT FRAME ➤

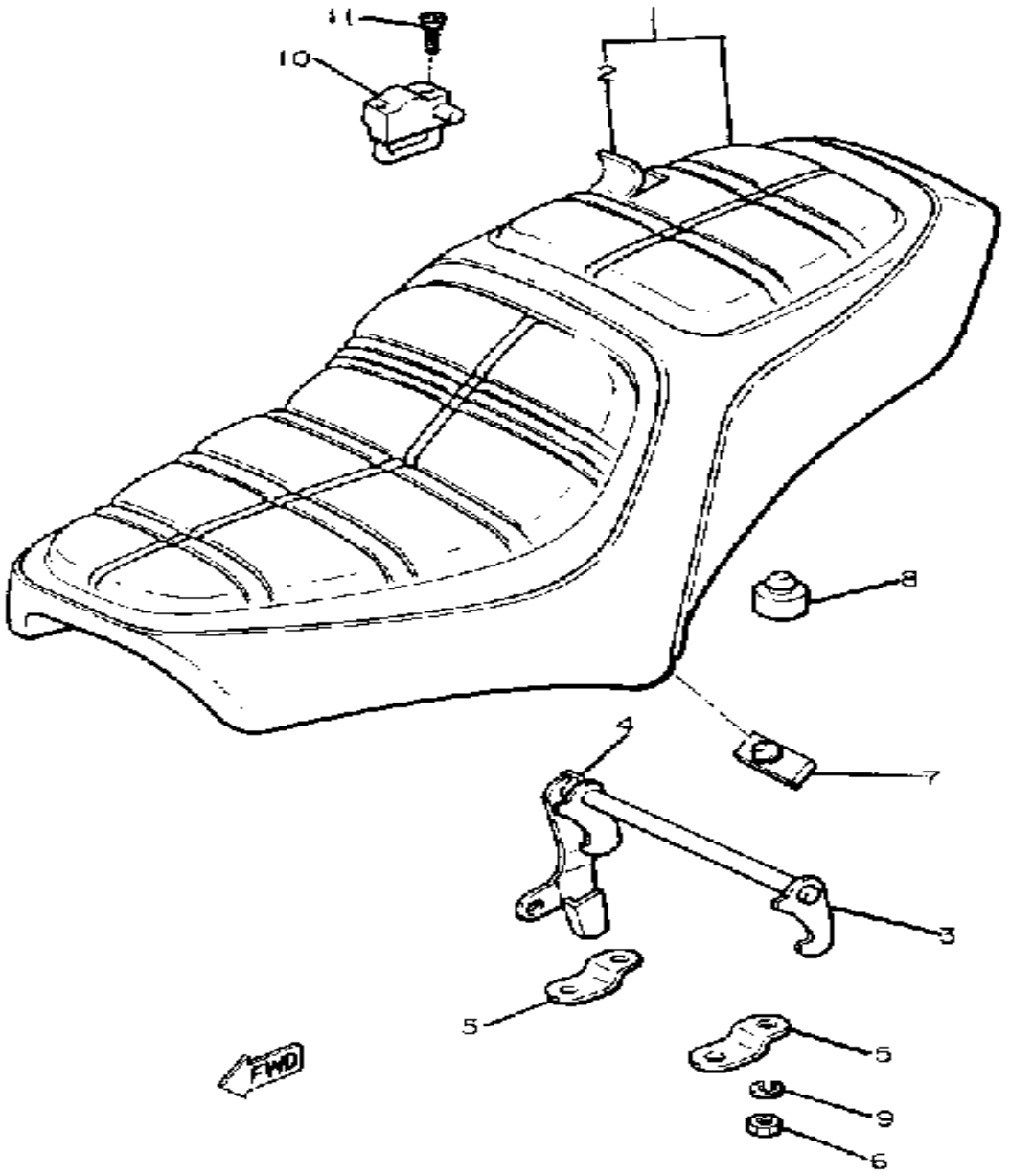
FUEL TANK

Basic Color(s)	Black Gold (B) New Ruby Red (R)
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 13 Lit. (3.4 Gal.) / 3.4 Lit. (0.9 Gal.)



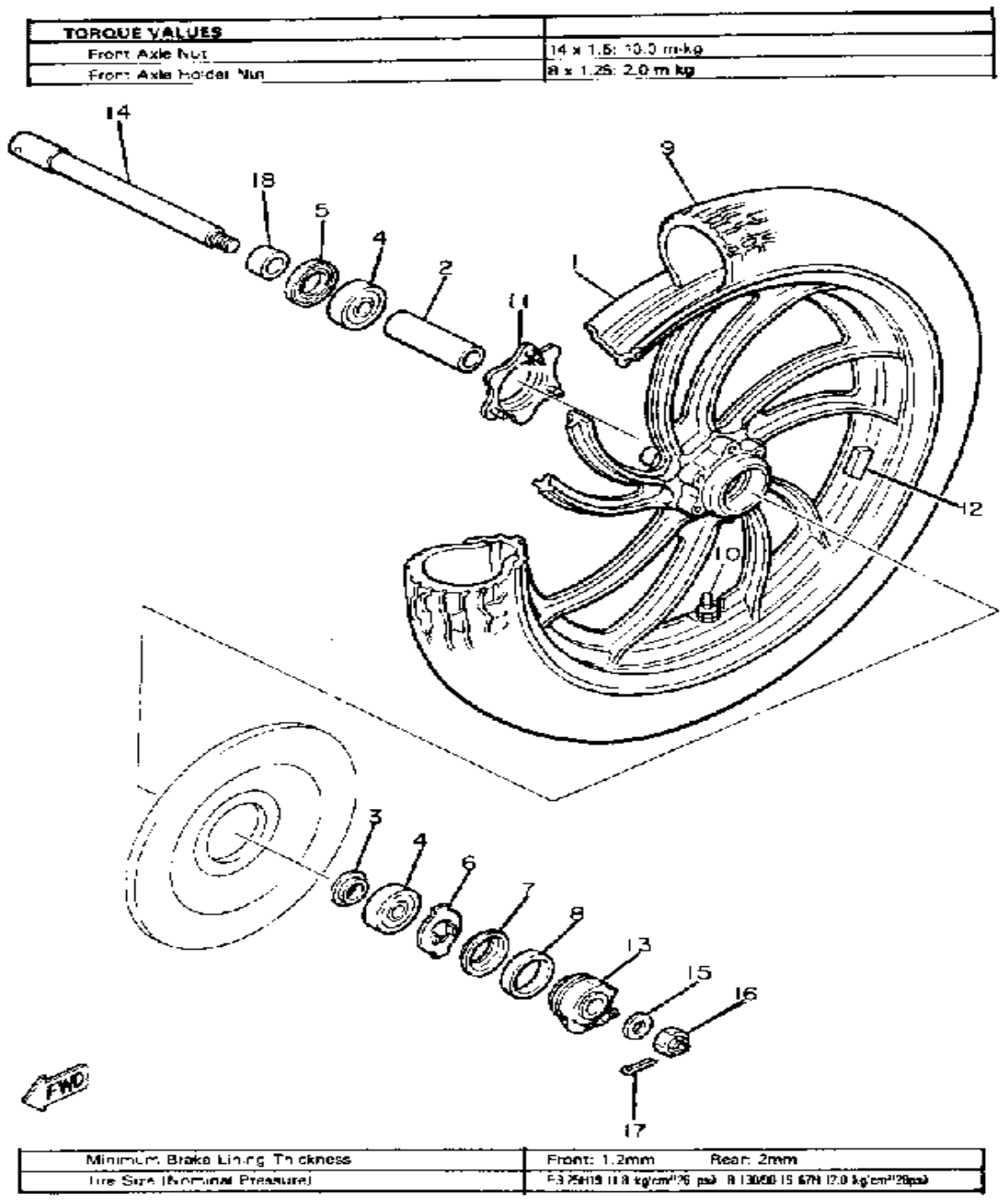
Ref. No.	Part Number	Description	Qty	Remarks
28	90152-04006-00	SCREW, COUNTERSUNK	2	
29	4H7-24189-00-00	PLATE, MOLD	1	
30	90468-03063-00	CLIP	5	

SEAT



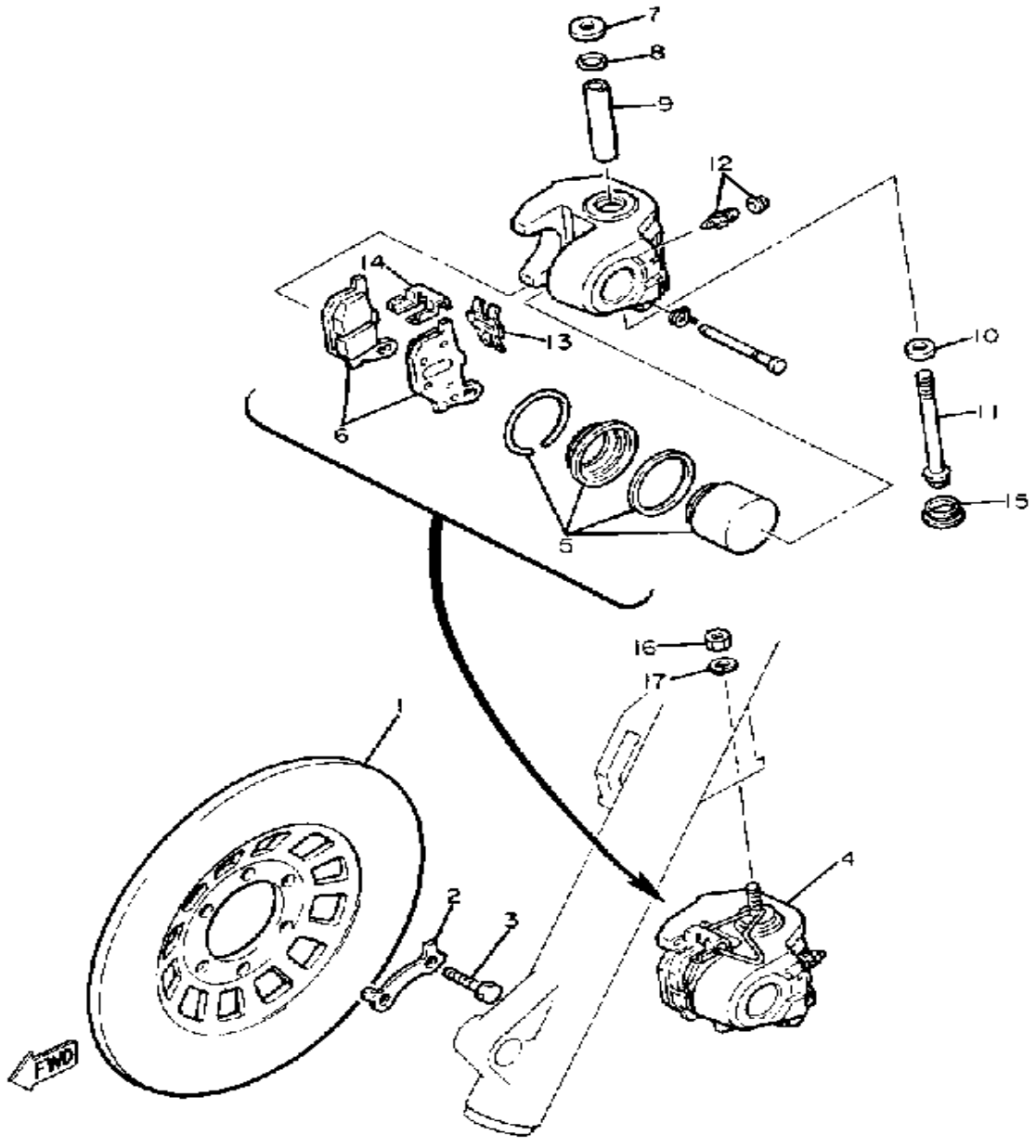
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-W2472-10-00	DOUBLE SEAT ASSEMBLY . . .	1	
2	4H7-24731-00-00	. COVER, DOUBLE SEAT	1	
3	4H7-24776-00-00	LEVER, SEAT	1	
4	90508-20412-00	SPRING, TORSION	1	
5	4H7-24775-00-00	BRACKET, SEAT LEVER	2	
6	95380-06600-00	NUT	4	
7	4H7-24723-00-00	DAMPER, SEAT	2	
8	278-27114-00-00	STOPPER, MAIN STAND	2	
9	92995-06100-00	WASHER, SPRING	4	
10	4H7-24705-00-00	SEAT LOCK ASSEMBLY	1	
11	98701-05016-00	SCREW, FLAT HEAD	2	

FRONT WHEEL



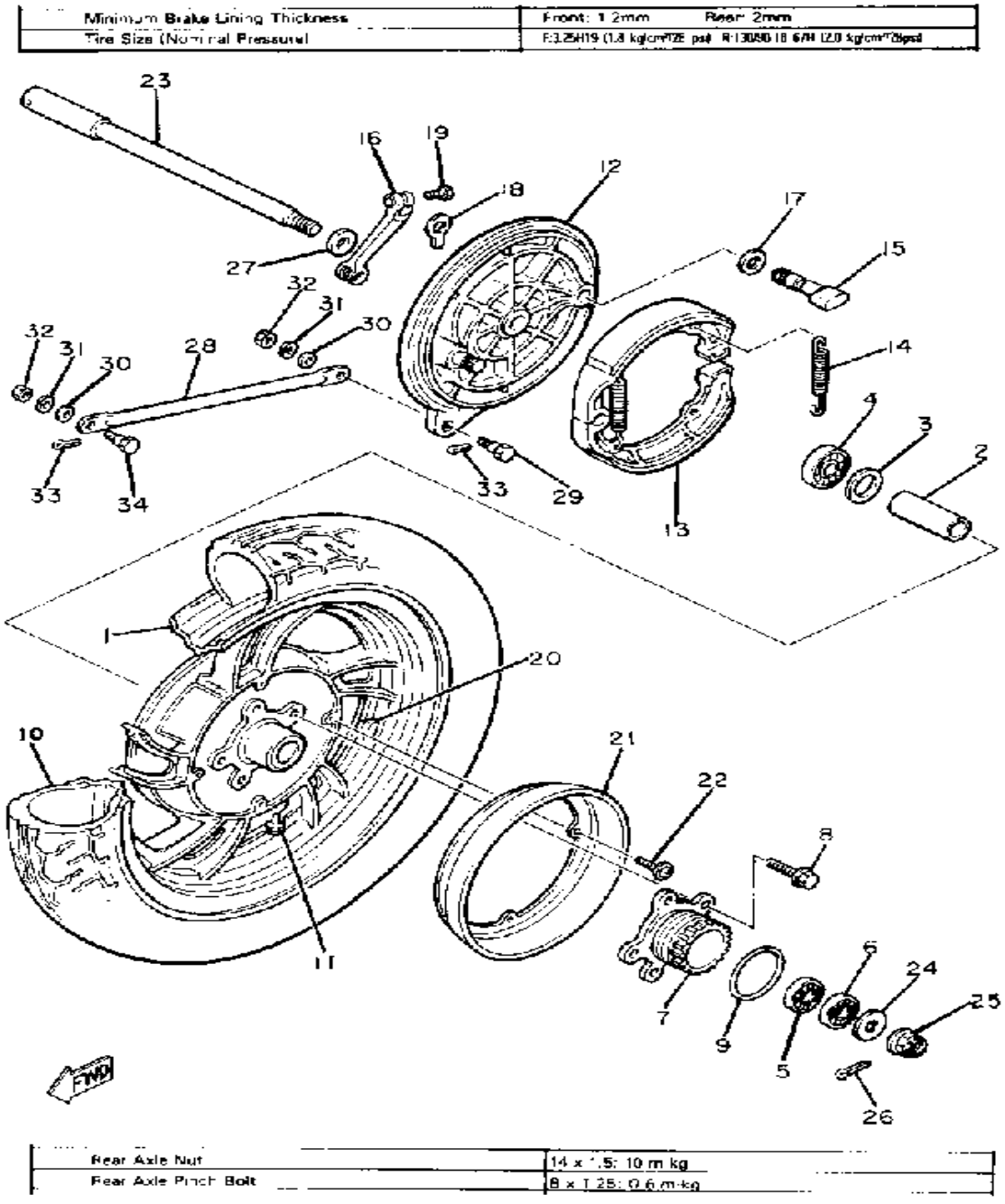
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-25168-29-98	WHEEL, CAST FRONT	1	LOW GLOSS BLK
	90560-15116-00	SPACER	1	
3	146-25115-00-00	FLANGE, SPACER 1	1	
4	93306-30202-00	BEARING	2	
5	93102-22014-00	OIL SEAL	1	
6	341-25149-00-00	CLUTCH, METER	1	
7	341-25846-00-00	RETAINER, CLUTCH	1	
8	93105-45017-00	OIL SEAL	1	
9	94132-193M3-00	325H19 L303TL #TBB (3.25-19) (94132-1946)	1	
10	93900-00001-00	VALVE, RIM	1	
11	1U4-25847-00-00	COVER, HOUSING	1	
12	1A1-25398-01-00	BALANCER, WHEEL	1	U.N.
	1A1-25399-00-00	BALANCER, WHEEL	1	U.N.
	2M0-25399-00-00	BALANCER, WHEEL	1	U.N.
13	4H7-25190-00-00	GEAR UNIT ASSEMBLY	1	
14	4H7-25181-01-00	AXLE, WHEEL	1	
15	92990-14200-00	WASHER, PLAIN	1	
16	90171-14020-00	NUT, CASTLE	1	
17	91401-30030-00	PIN, COTTER	1	
18	90387-15734-00	COLLAR	1	

FRONT BRAKE CALIPER



Ref. No.	Part Number	Description	Qty	Remarks
1	(1J3-25831-00-00)	DISC, BRAKE	1	
2	1J3-25834-01-00	WASHER, LOCK	3	
3	90101-08312-00	BOLT	6	
4	4H7-25810-12-00	CALIPER ASSEMBLY LH (LEFT) (4H7-25810-11)	1	
5	2G2-W0047-00-00	. CALIPER SEAL KIT	1	
6	4H7-W0045-12-00	. BRAKE PAD KIT, FRNT (4H7-W0045-10)	1	
7	90201-08689-00	. WASHER, PLATE	1	
8	2G2-W0044-00-00	. O-RING KIT, CALIPER	1	
9	2G2-25838-00-00	. SLEEVE, CALIPER	1	
10	90201-09690-00	. WASHER, PLATE	1	
11	2G2-25821-00-00	. BOLT 1	1	
12	1J3-W0048-00-00	. BLEED SCREW KIT	1	
13	2G2-25919-00-00	. SUPPORT, PAD	1	
14	2G2-25849-01-00	. RETAINER, CALIPER	1	
15	2G2-25916-00-00	. PLUG	1	
16	95333-08600-00	NUT	1	
17	92990-08100-00	WASHER	1	

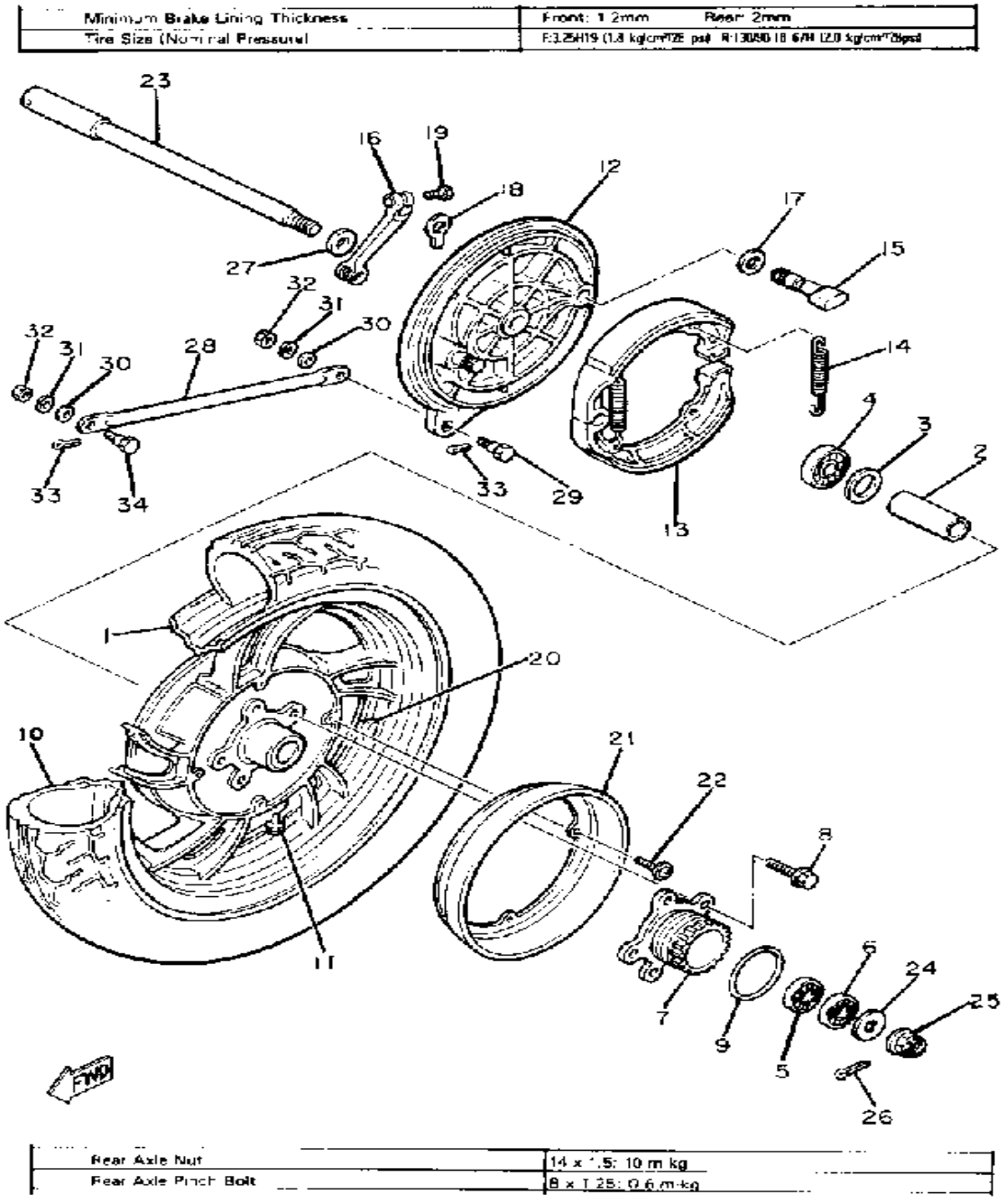
REAR WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
1	(4H7-25338-29-98)	WHEEL, CAST REAR	1	LOW GLOSS BLK
2	90560-17125-00	SPACER	1	
3	146-25315-00-00	FLANGE, SPACER	1	
4	93306-30309-00	BEARING	1	
5	93306-20310-00	BEARING	1	
6	93306-20310-00	BEARING	1	
7	4H7-25366-01-00	CLUTCH, HUB	1	
8	95811-10025-00	BOLT, FLANGE	5	
9	93210-57428-00	O-RING	1	
10	94113-161J2-00	130/90-16 G528 BS	1	
11	93900-00001-00	VALVE, RIM	1	
12	4H7-25321-00-00	PLATE, BRAKE SHOE	1	
13	4H7-W2536-00-00	BRAKESHOE SET-2PCS	2	
14	90507-20002-00	SPRING, TENSION	2	
15	4H7-25351-00-00	CAMSHAFT	1	
16	371-25355-02-00	LEVER, CAMSHAFT	1	
17	90201-14218-00	WASHER, PLATE	1	
18	4H7-2533A-02-00	PLATE, INDICATOR	1	
19	90101-06291-00	BOLT	1	
20	1A1-25398-01-00	BALANCER, WHEEL	1	U.N.
	1A1-25399-00-00	BALANCER, WHEEL	1	U.N.
	2M0-25399-00-00	BALANCER, WHEEL	1	U.N.
21	4H7-25327-00-00	COVER, PLATE	1	
22	90159-05018-00	SCREW, WITH WASHER	4	
23	4H7-25381-00-00	AXLE, WHEEL	1	
24	90201-144J5-00	WASHER, PLATE	1	
25	90179-14217-00	NUT, SPEC''L SHAPE	1	
26	91401-30030-00	PIN, COTTER	1	
27	56W-25377-00-00	COLLAR, WHEEL	1	

CONTINUED ON NEXT FRAME ➤

REAR WHEEL

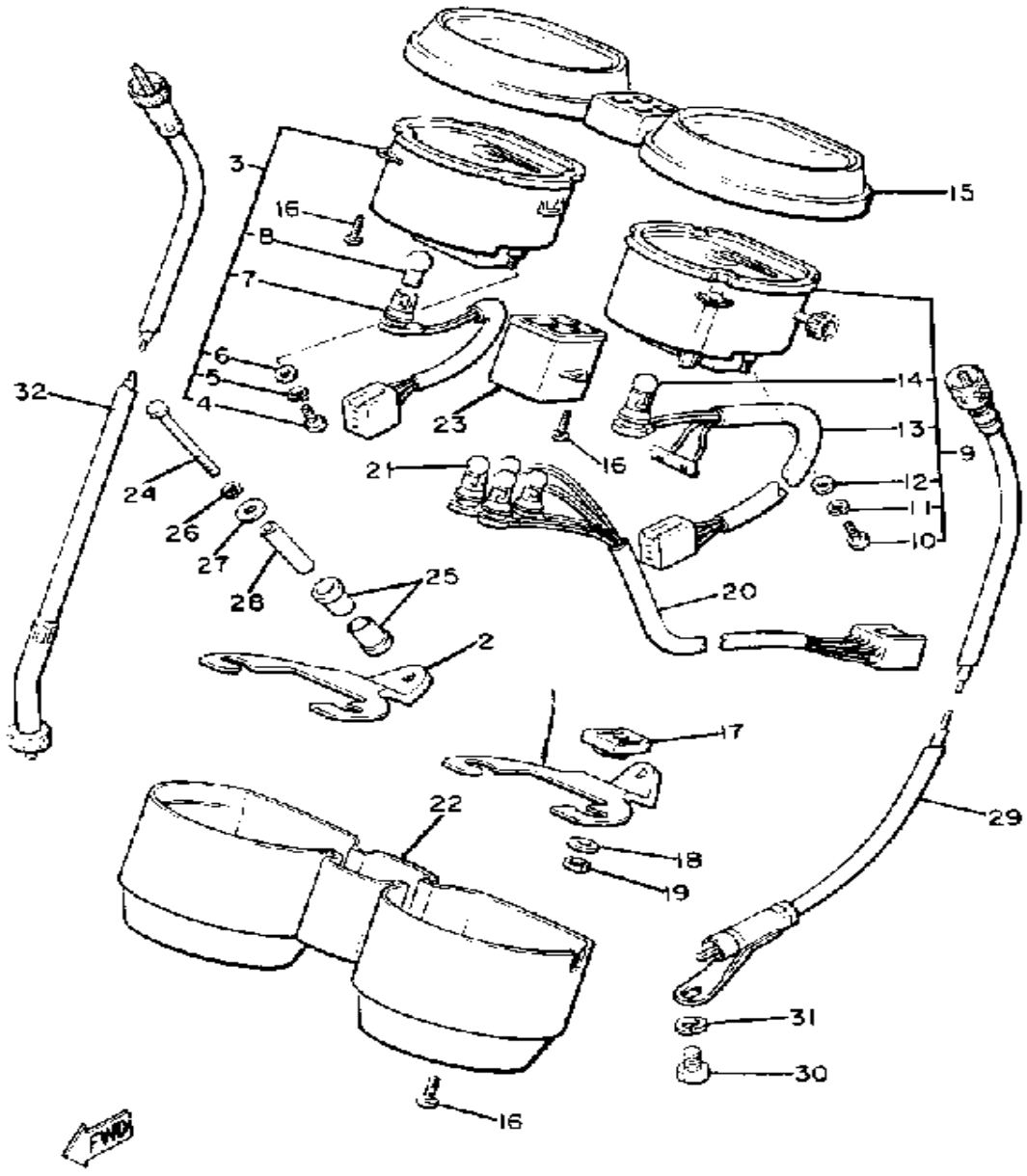


Minimum Brake Lining Thickness	Front: 1.2mm Rear: 2mm
Tire Size (Normal Pressure)	F:3.25H19 (1.8 kg/cm²/26 psi) R:130/90-18 6/N (2.0 kg/cm²/28psi)

Rear Axle Nut	14 x 1.5: 10 m·kg
Rear Axle Pinch Bolt	8 x 1.25: 2.6 m·kg

Ref. No.	Part Number	Description	Qty	Remarks
28	3H0-25371-00-00	BAR, TENSION	1	
29	90109-08406-00	BOLT	1	
30	92901-08600-00	WASHER	2	
31	92990-08100-00	WASHER	2	
32	95303-08700-00	NUT	2	
33	91490-20020-00	PIN, COTTER	2	
34	90109-08368-00	BOLT	1	

LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W

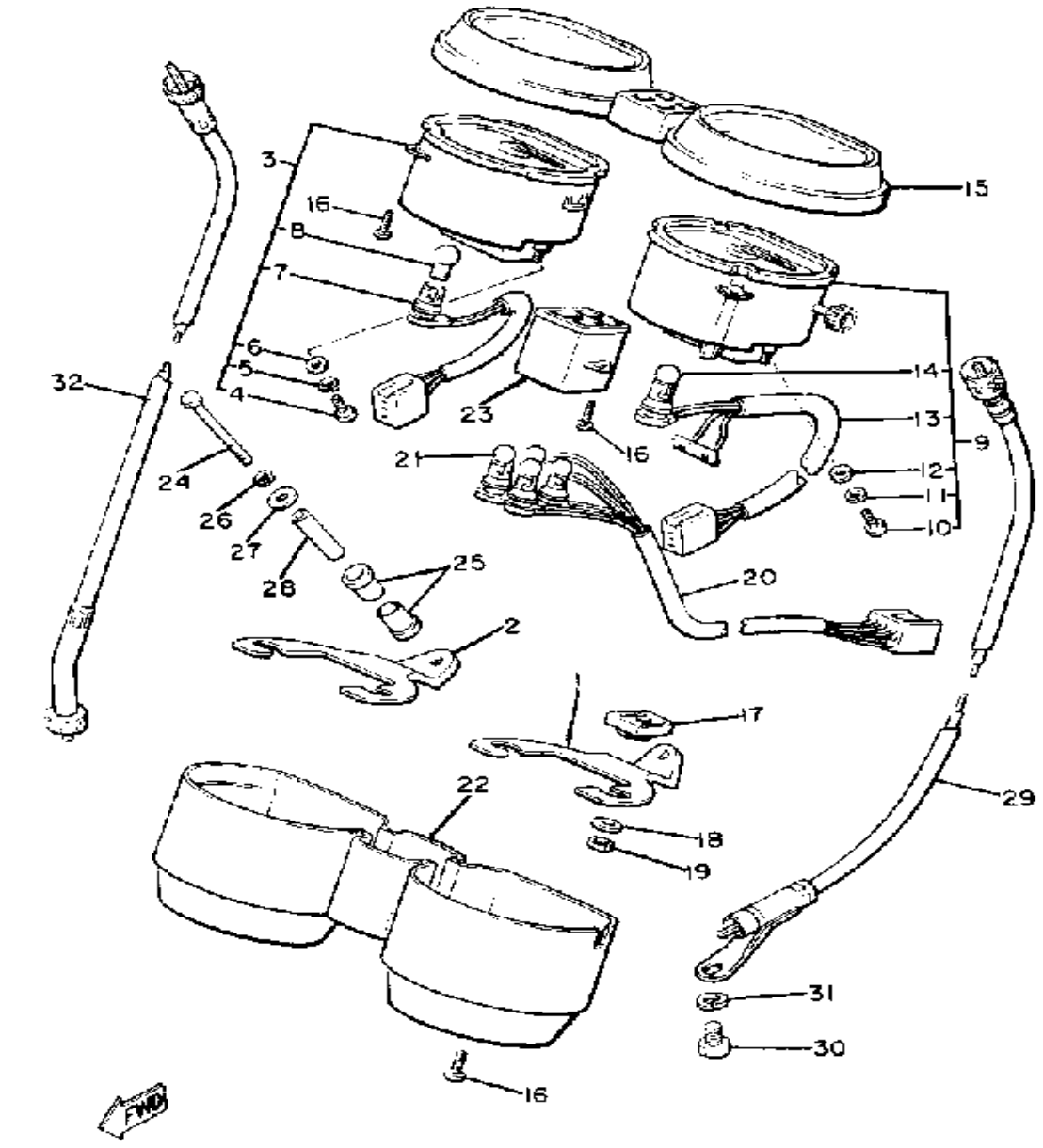


SPEEDOMETER - TACHOMETER

Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-83519-00-00	BRACKET, METER	1	
2	4H7-83545-00-00	BRACKET, TACHOMETER	1	
3	5K5-83540-00-00	TACHOMETER ASSEMBLY	1	
4	98580-04008-00	. SCREW, PAN HEAD	2	
5	92901-04100-00	. WASHER, SPRING	2	
6	92901-04600-00	. WASHER, PLATE	2	
7	(4H7-83520-00-00)	SOCKET CORD ASSEMBLY	1	
8	123-83516-21-00	. BULB (12V-3.4W)	1	
9	5K5-83570-A0-00	SPEEDOMETER ASSEMBLY	1	
10	98580-04008-00	. SCREW, PAN HEAD	2	
11	92901-04100-00	. WASHER, SPRING	2	
12	92901-04600-00	. WASHER, PLATE	2	
13	10M-83520-20-00	. SOCKET CORD ASSEMBLY	1	
14	123-83516-21-00	. BULB (12V-3.4W)	1	
15	4H7-83559-A0-00	COVER, METER	1	
16	4H7-83616-00-00	SCREW, TAPPING	10	
17	4H7-83523-00-00	DAMPER	4	
18	90201-052E2-00	WASHER, PLATE	4	
19	95380-05600-00	NUT	4	
20	5K5-83509-00-00	SOCKET CORD ASSEMBLY	1	
21	123-83516-21-00	BULB (12V-3.4W)	4	
22	4H7-83579-00-00	COVER, METER 2	1	
23	4H7-83587-00-00	BODY, PILOT LIGHT	1	
24	97026-06045-00	BOLT	2	
25	584-83541-00-00	DAMPER	4	
26	92906-06100-00	WASHER, SPRING	2	
27	90201-06067-00	WASHER, PLATE	2	
28	90387-06249-00	COLLAR	2	
29	5K5-83550-00-00	SPEEDOMETER CABLE	1	

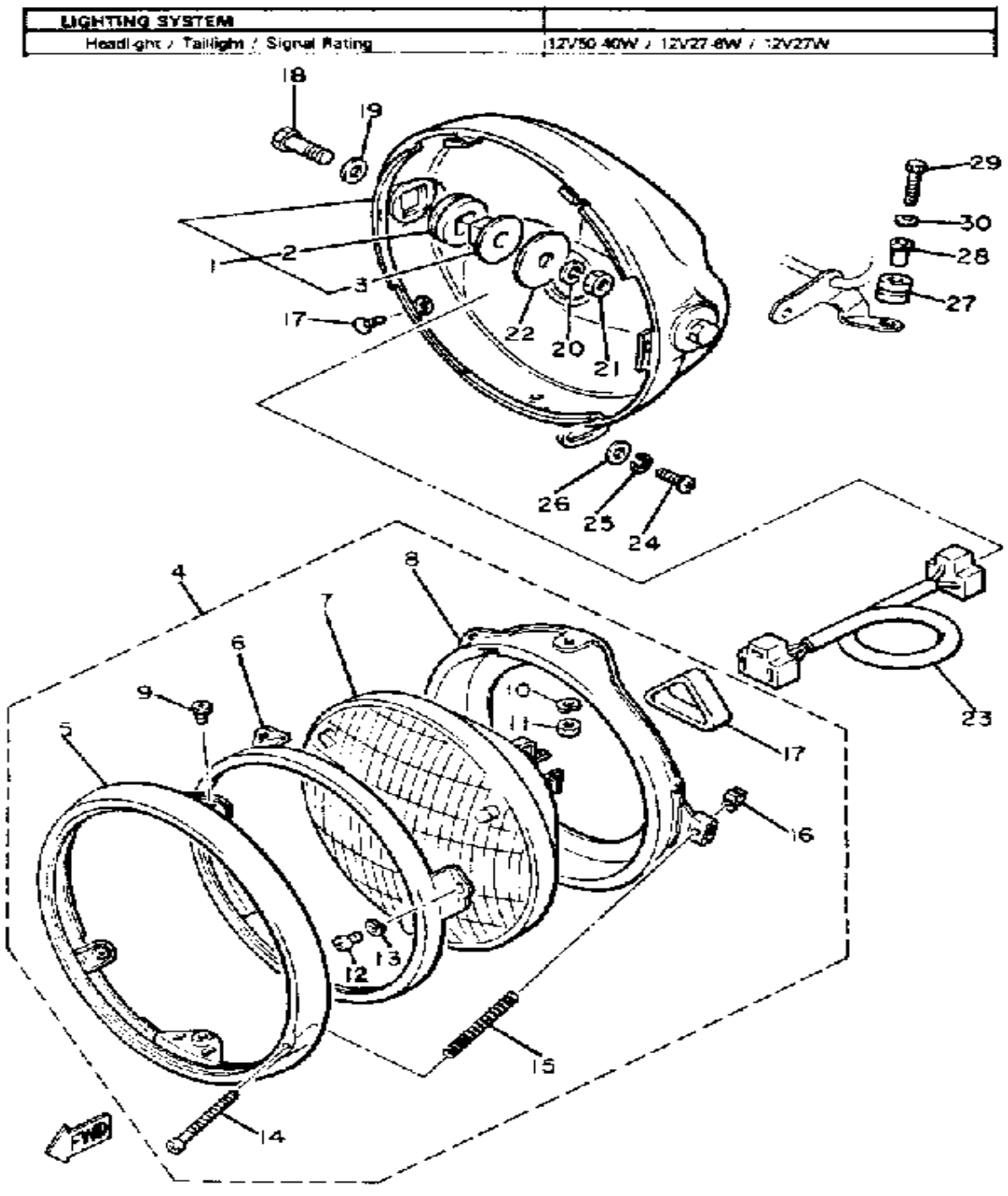
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LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W



SPEEDOMETER - TACHOMETER

Ref. No.	Part Number	Description	Qty	Remarks
30	90153-06004-00	SCREW, HEXAGON	1	
31	92995-06100-00	WASHER, SPRING	1	
32	4H7-83560-00-00	TACHOMETER CABLE	1	

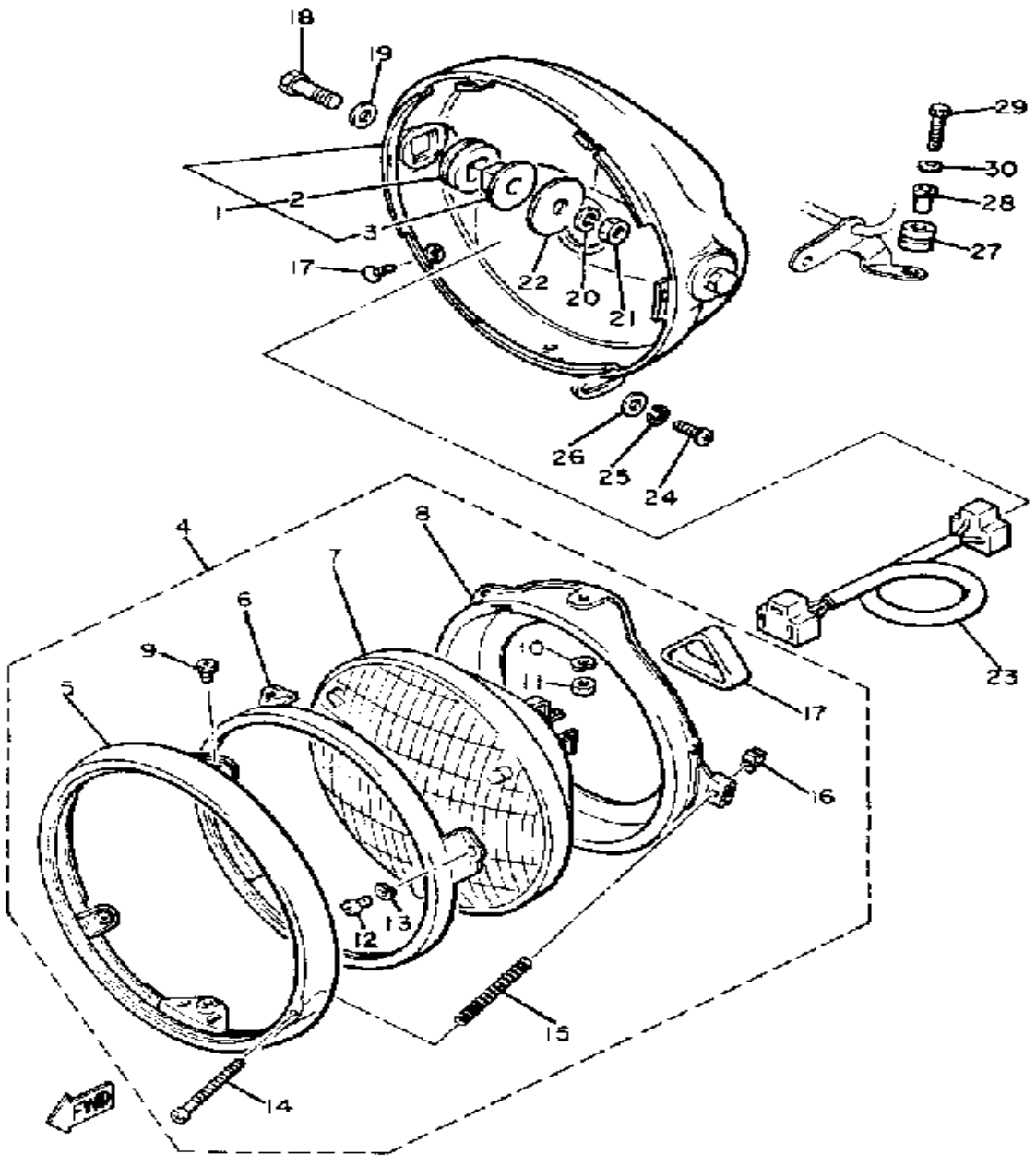


HEADLIGHT

Ref. No.	Part Number	Description	Qty	Remarks
1	3J6-84330-00-93	BODY ASSEMBLY	1	
2	584-84345-60-00	. DAMPER, HEADLIGHT	2	
3	584-84338-60-00	. COLLAR, BODY FTNG	2	
4	2J2-84310-60-00	HEADLIGHT UNIT ASSEMBLY	1	
5	341-84315-40-00	. RIM, HEADLIGHT	1	
6	2F9-84395-00-00	. RING, RETAINING	1	
7	341-84320-60-00	. LENS ASSEMBLY	1	
8	2F9-84394-00-00	. RING, MOUNTING	1	
9	98580-05010-00	. SCREW, PAN HEAD	2	
10	92990-05100-00	. WASHER, SPRING	2	
11	95380-05600-00	. NUT	2	
12	98580-04008-00	. SCREW, PAN HEAD	3	
13	92901-04100-00	. WASHER, SPRING	3	
14	98580-04055-00	. SCREW, LENS FITTING	1	
15	341-84332-60-00	. SPRING, SCREW	1	
16	198-84334-60-00	. NUT, ADJUSTING	1	
17	341-84397-61-00	. COVER, SOCKET	1	
18	97313-08030-00	BOLT, HEXAGON	2	
19	92990-08200-00	WASHER, PLAIN	2	
20	92990-08100-00	WASHER	2	
21	95333-08600-00	NUT	2	
22	90209-08098-00	WASHER, SPEC''L SHAP	2	
23	2H7-84359-00-00	CORD, HEADLIGHT	1	
24	98503-06014-00	SCREW, PAN HEAD (92502-06016)	1	
25	92995-06100-00	WASHER, SPRING	1	
26	90201-06067-00	WASHER, PLATE	1	
27	90480-14023-00	GROMMET	1	
28	90387-06388-00	COLLAR	1	

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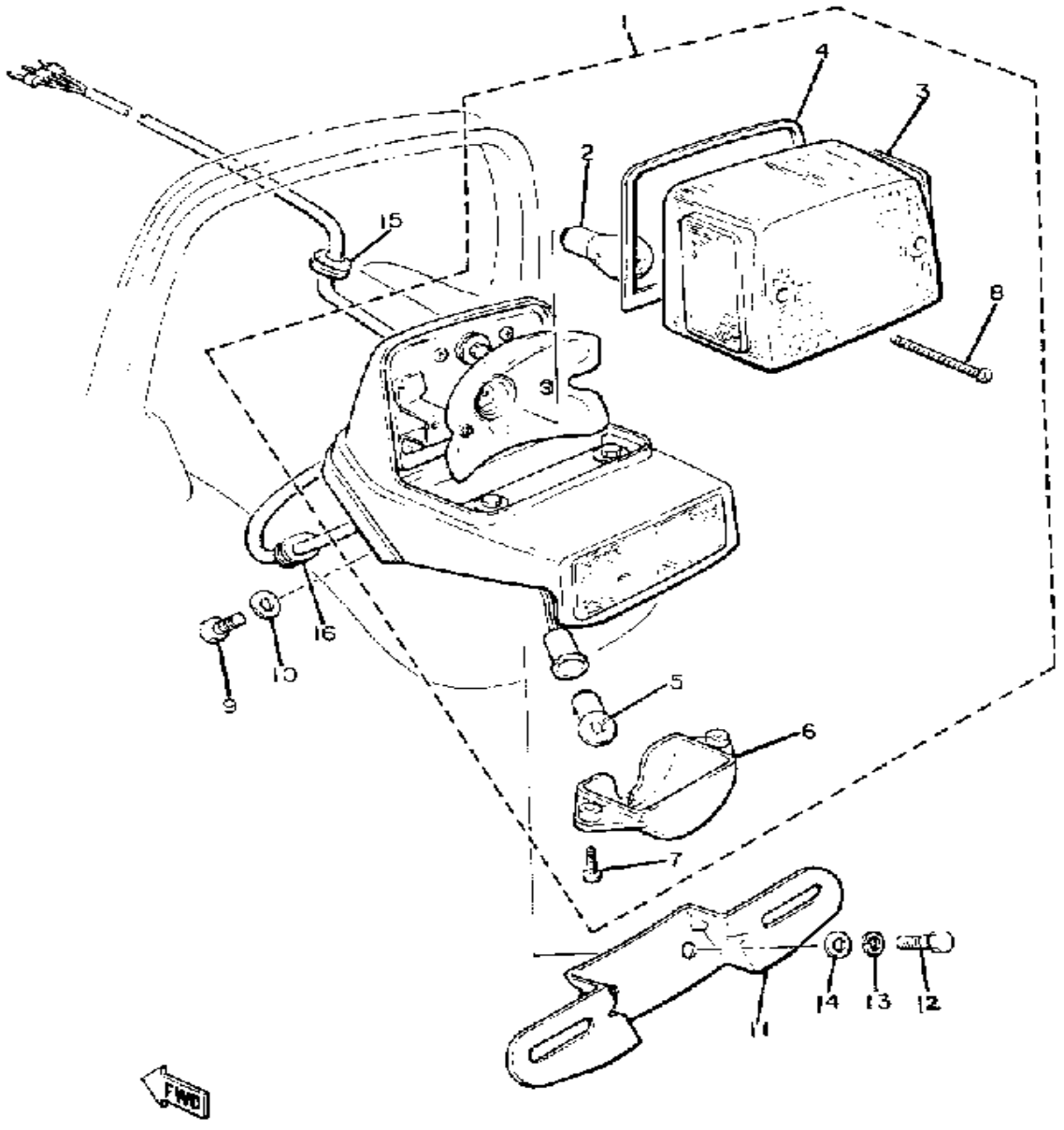
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50 40W / 12V27 6W / 12V27W



HEADLIGHT

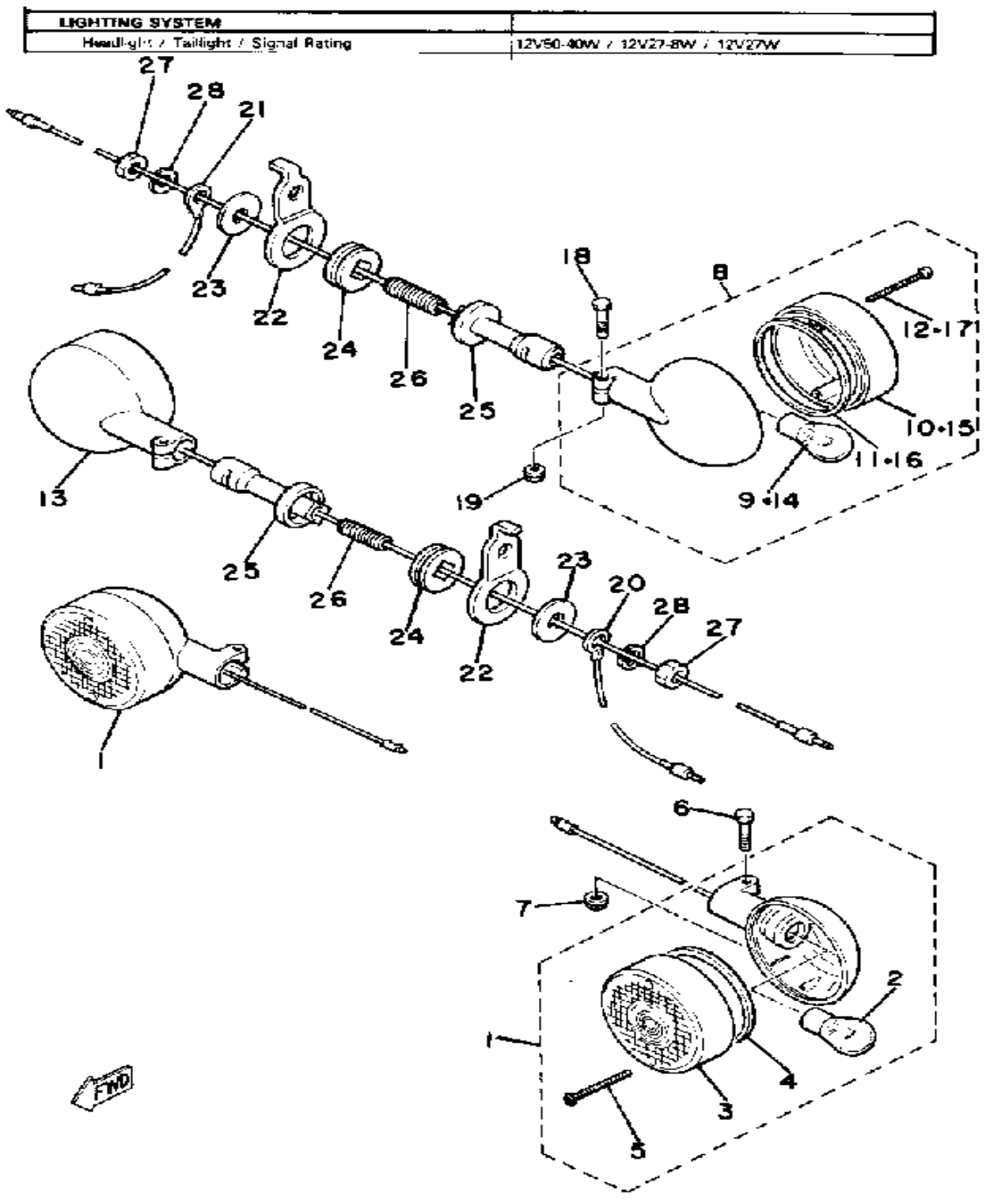
Ref. No.	Part Number	Description	Qty	Remarks
29	97011-06025-00	BOLT (97001-06025)	1	
30	92901-06600-00	WASHER	1	

LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W



TAILLIGHT

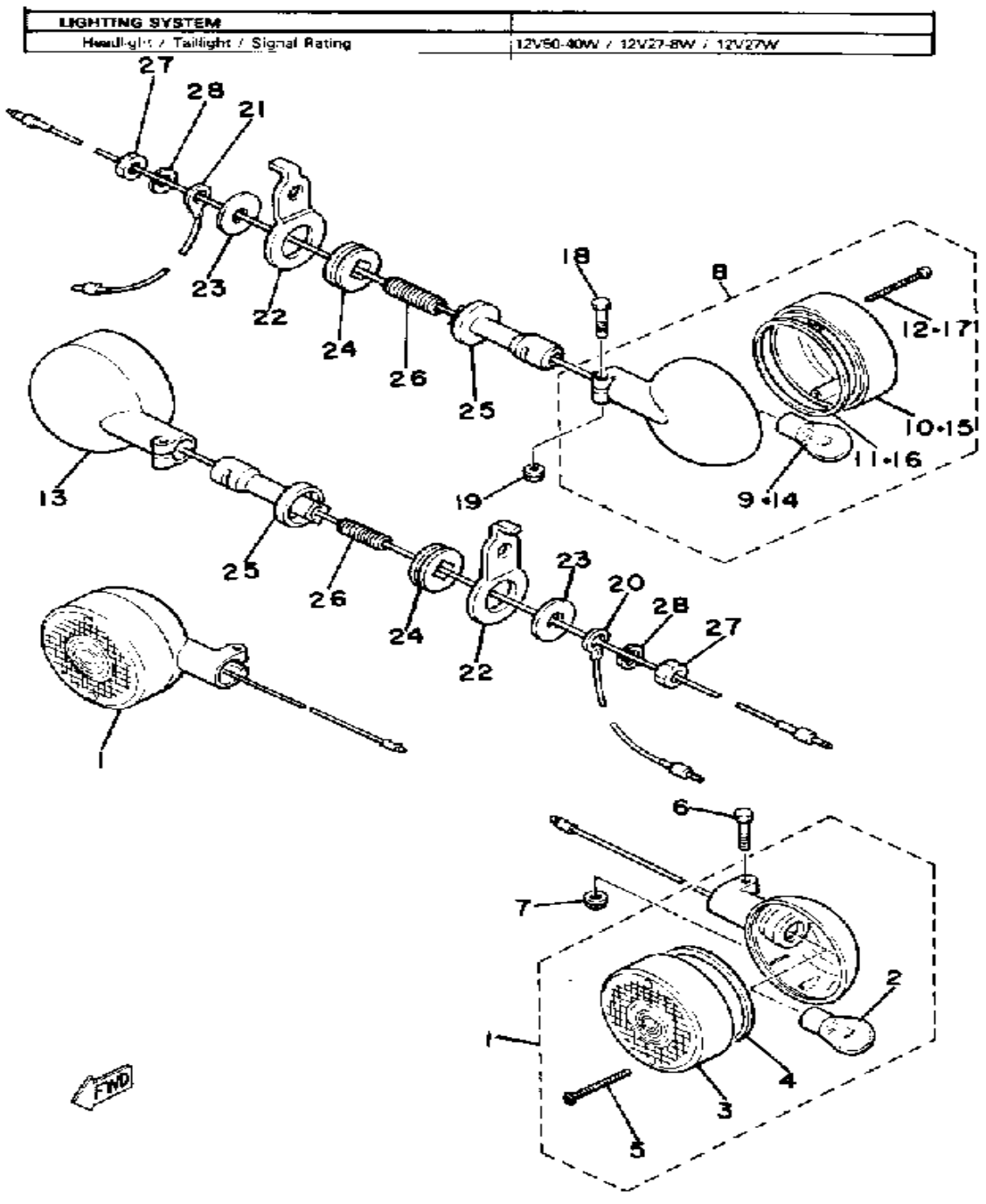
Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-84700-60-93	TAILLIGHT ASSEMBLY	1	CHROME PLATED
2	256-84714-61-00	. BULB (12V-27/8W)	1	
3	4H7-84721-60-00	. LENS, TAILLIGHT	1	
4	4H7-84723-00-00	. GASKET, TAIL LENS	1	
5	4H7-84744-00-00	. BULB (12V-8W)	1	
6	4H7-84743-00-00	LENS, LICENSE LIGHT	1	
7	98503-04014-00	SCREW, PAN HEAD	2	
8	1M1-84524-60-00	. SCREW, LENS FITTING	2	
9	97313-06016-00	BOLT, HEXAGON	3	
10	92901-06600-00	WASHER	3	
11	4H7-84751-01-93	BRACKET, LICENSE	1	CHROME PLATED
12	97313-06016-00	BOLT, HEXAGON	2	
13	92995-06100-00	WASHER, SPRING	2	
14	92901-06600-00	WASHER	2	
15	90480-16112-00	GROMMET	1	
16	90480-15061-00	GROMMET	1	



FLASHER LIGHT

Ref. No.	Part Number	Description	Qty	Remarks
1	4H7-83330-K0-00	R FLSHR LITE ASSEMBLYASSY 1	2	
2	256-83311-70-XX	. BULB, TS 12V27W	1	
3	4H7-83312-00-00	. LENS, FLASHER	1	
4	4H7-83313-00-00	. GASKET, FLSHR LENS	1	
5	98501-03030-00	. SCREW, PAN HEAD	2	
6	97021-06030-00	BOLT	2	
7	95701-06500-00	NUT, FLANGE	2	
8	4H7-83330-K0-00	R FLSHR LITE ASSEMBLYASSY 1	1	
9	256-83311-70-XX	. BULB, TS 12V27W	1	
10	4H7-83312-00-00	. LENS, FLASHER	1	
11	4H7-83313-00-00	. GASKET, FLSHR LENS	1	
12	98501-03030-00	. SCREW, PAN HEAD	2	
13	4H7-83330-K0-00	R FLSHR LITE ASSEMBLYASSY 1	1	
14	256-83311-70-XX	. BULB, TS 12V27W	1	
15	4H7-83312-00-00	. LENS, FLASHER	1	
16	4H7-83313-00-00	. GASKET, FLSHR LENS	1	
17	98501-03030-00	. SCREW, PAN HEAD	2	
18	97021-06030-00	BOLT	2	
19	95701-06500-00	NUT, FLANGE	2	
20	3FU-83364-00-00	WIRE, EARTH LEAD 1	1	
21	3FU-83364-00-00	WIRE, EARTH LEAD 1	1	
22	4H7-83318-01-00	STAY, FLASHER 1	2	
23	90201-10146-00	WAHSER, PLAIN	2	
24	341-83321-01-00	DAMPER, FLASHER 1	2	
25	2H7-83318-00-00	STAY, FLASHER 1	2	
26	2H7-83325-00-00	BLT, FLSHR STY FTNG	2	
27	95303-10600-00	NUT (95301-10600)	2	

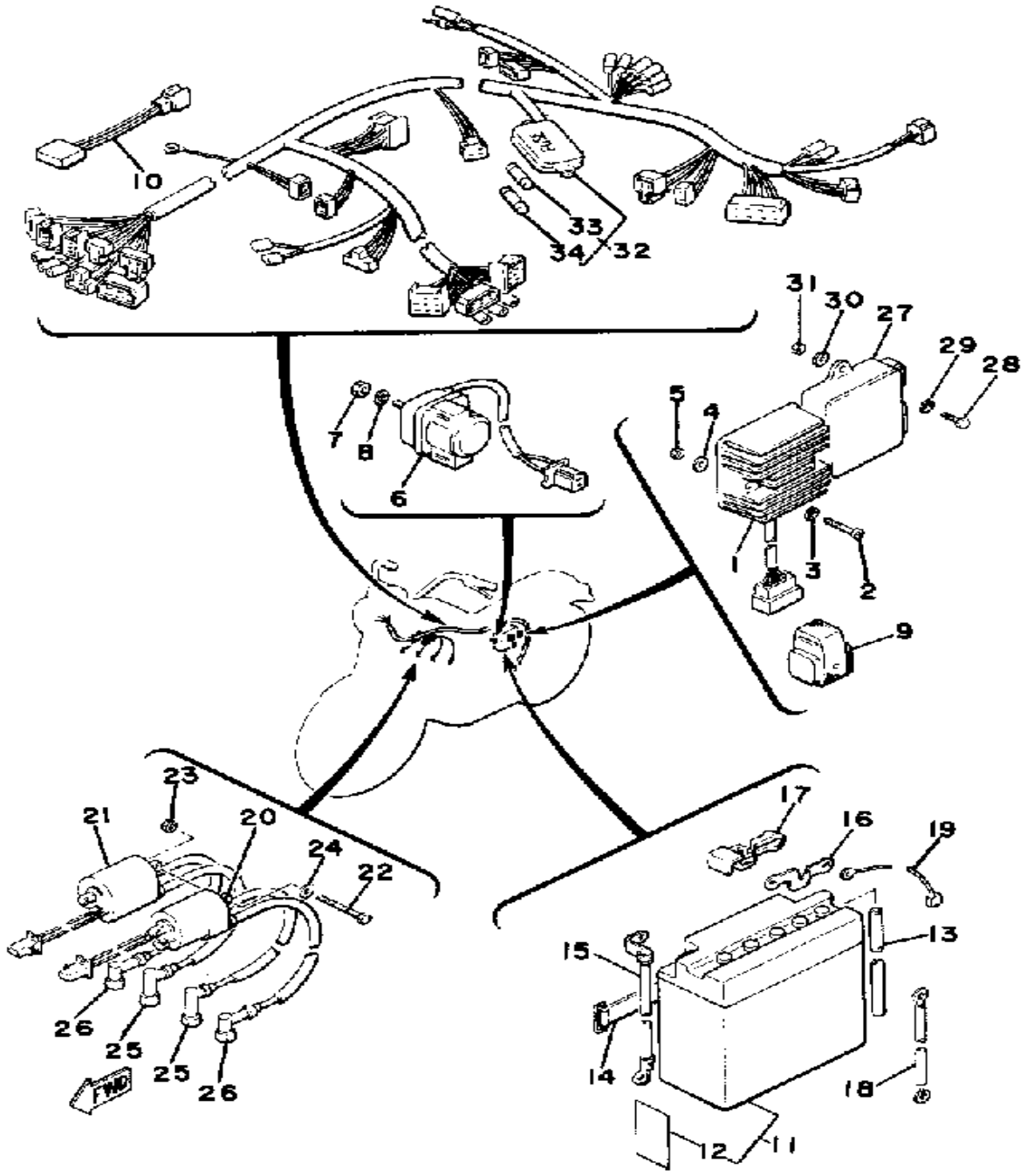
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FLASHER LIGHT

Ref. No.	Part Number	Description	Qty	Remarks
28	92990-10100-00	WASHER, SPRING	2	

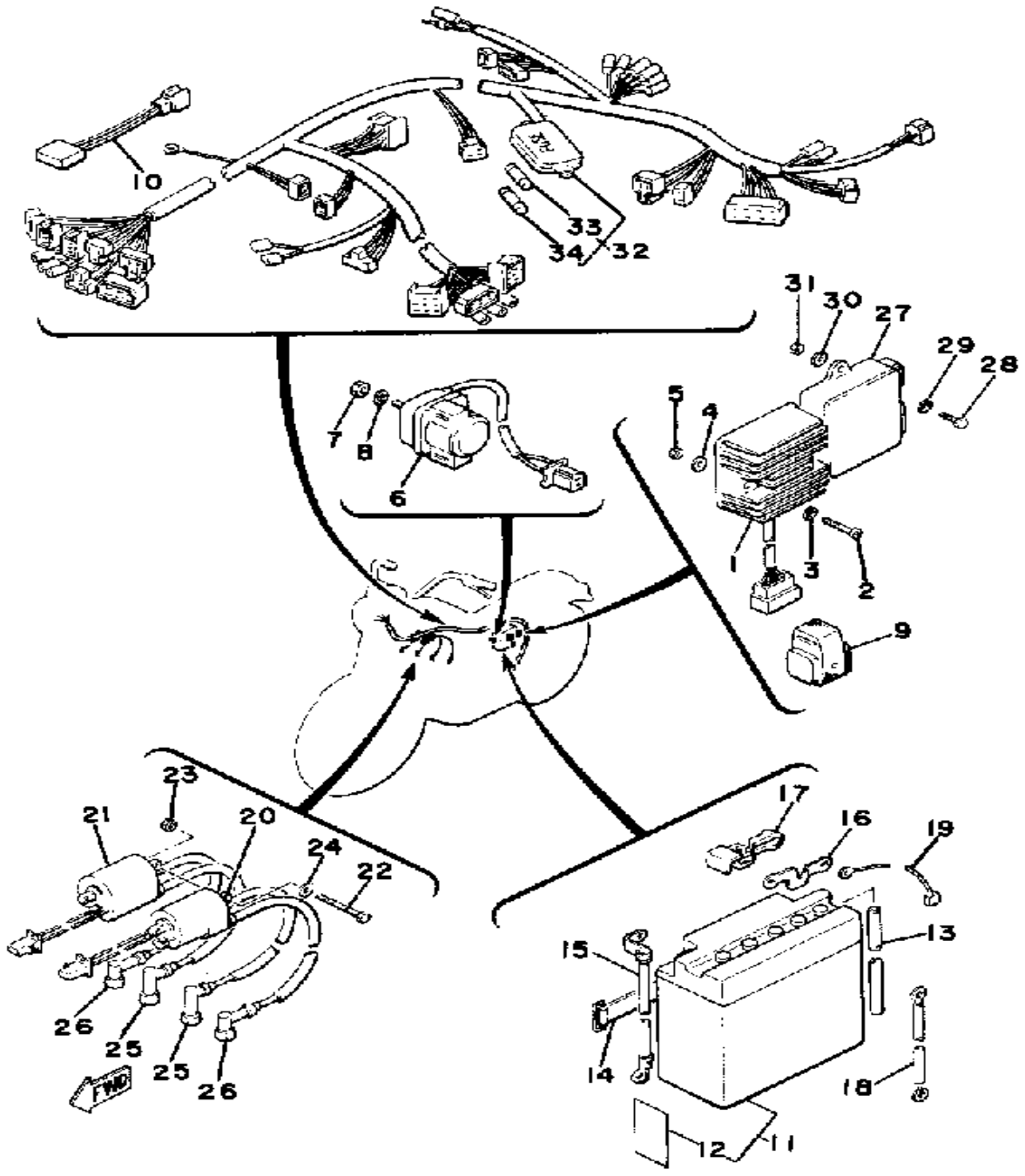
ELECTRICAL 1



Ref. No.	Part Number	Description	Qty	Remarks
1	12R-81960-A1-00	RECTIFIER/REG ASSEMBLY . .	1	
2	98580-06030-00	SCREW PAN HEAD	2	
3	92995-06100-00	WASHER, SPRING	2	
4	92901-06600-00	WASHER	2	
5	95380-06700-00	NUT	2	
6	3AY-81940-00-00	STARTER RELAY ASSEMBLY .	1	
7	95380-06700-00	NUT	2	
8	92995-06100-00	WASHER, SPRING	2	
9	12R-81950-01-00	RELAY ASSEMBLY.RELAY (4H7-81950-01)	1	U.R.
	3H5-81950-00-00	RELAY ASSEMBLY	1	U.R.
10	4H7-81980-M0-00	DIODE ASSEMBLY	1	
11	BTY-12N12-A4-A1	YUASA 12N12A-4A-1 (366-82110-60)	1	
12	118-82141-09-00	. LABEL, BATTERY	1	
13	90445-08336-00	HOSE	1	
14	26H-82131-00-00	BAND, BATTERY	1	
15	4H7-82115-00-00	WIRE, PLUS LEAD	1	
16	4H7-82103-00-00	TERMINAL 1	1	
17	4H7-82119-00-00	COVER, LEAD WIRE	1	
18	4H7-82519-00-00	WIRE, EARTH LEAD	1	
19	4H7-82116-00-00	WIRE, MINUS LEAD	1	
20	4H7-82310-61-00	IGNITION COIL ASSEMBLY . . .	1	
21	4H7-82320-61-00	IGNITION COIL ASSEMBLY (4H7-82320-60)	1	
22	97021-06080-00	BOLT (97001-06080-00)	2	
23	95380-06600-00	NUT	2	
24	92990-06200-00	WASHER	4	
25	1J7-82370-00-00	PLUG CAP ASSEMBLY	2	
26	256-82370-00-00	PLUG CAP ASSEMBLY	2	

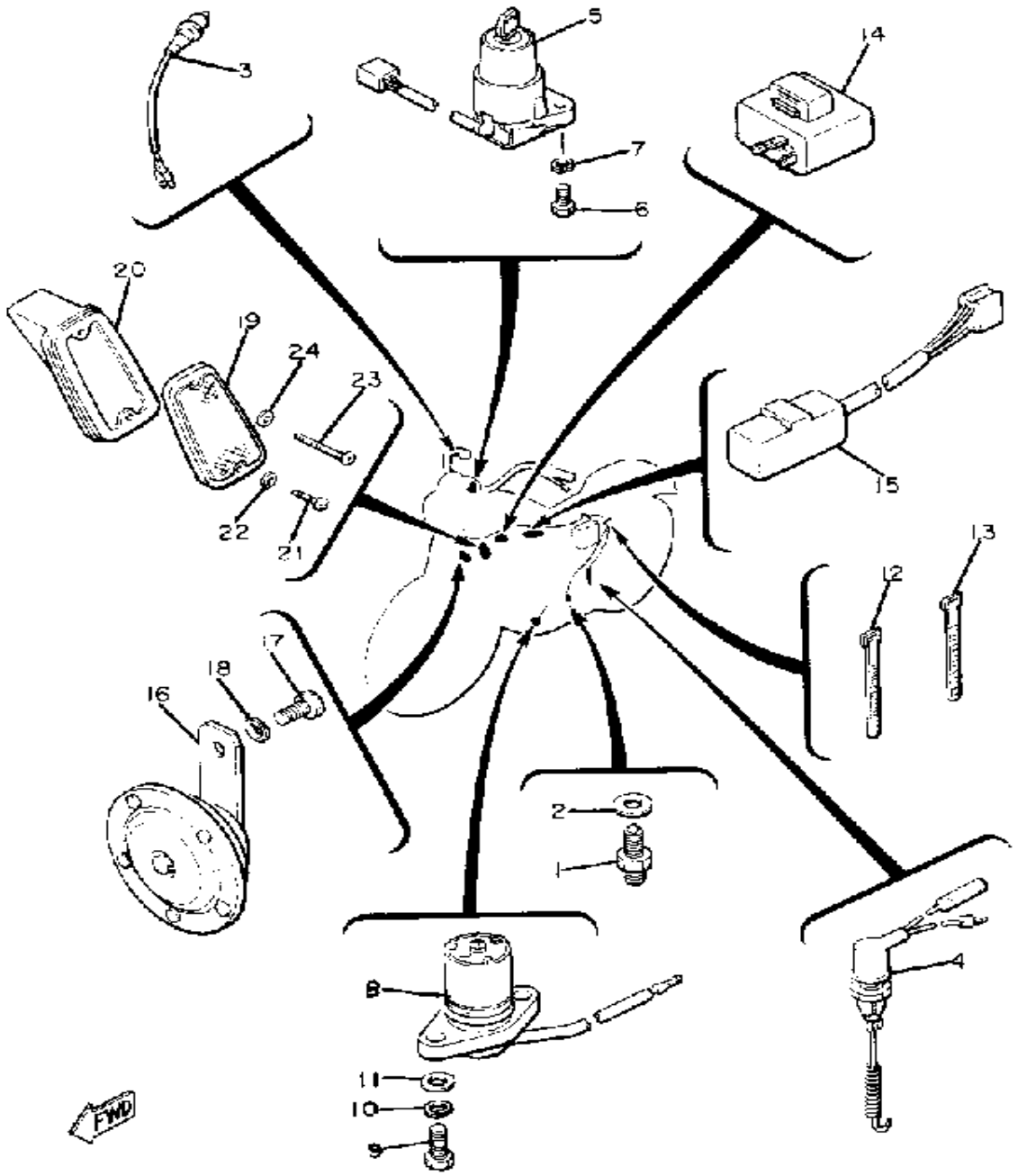
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ELECTRICAL 1



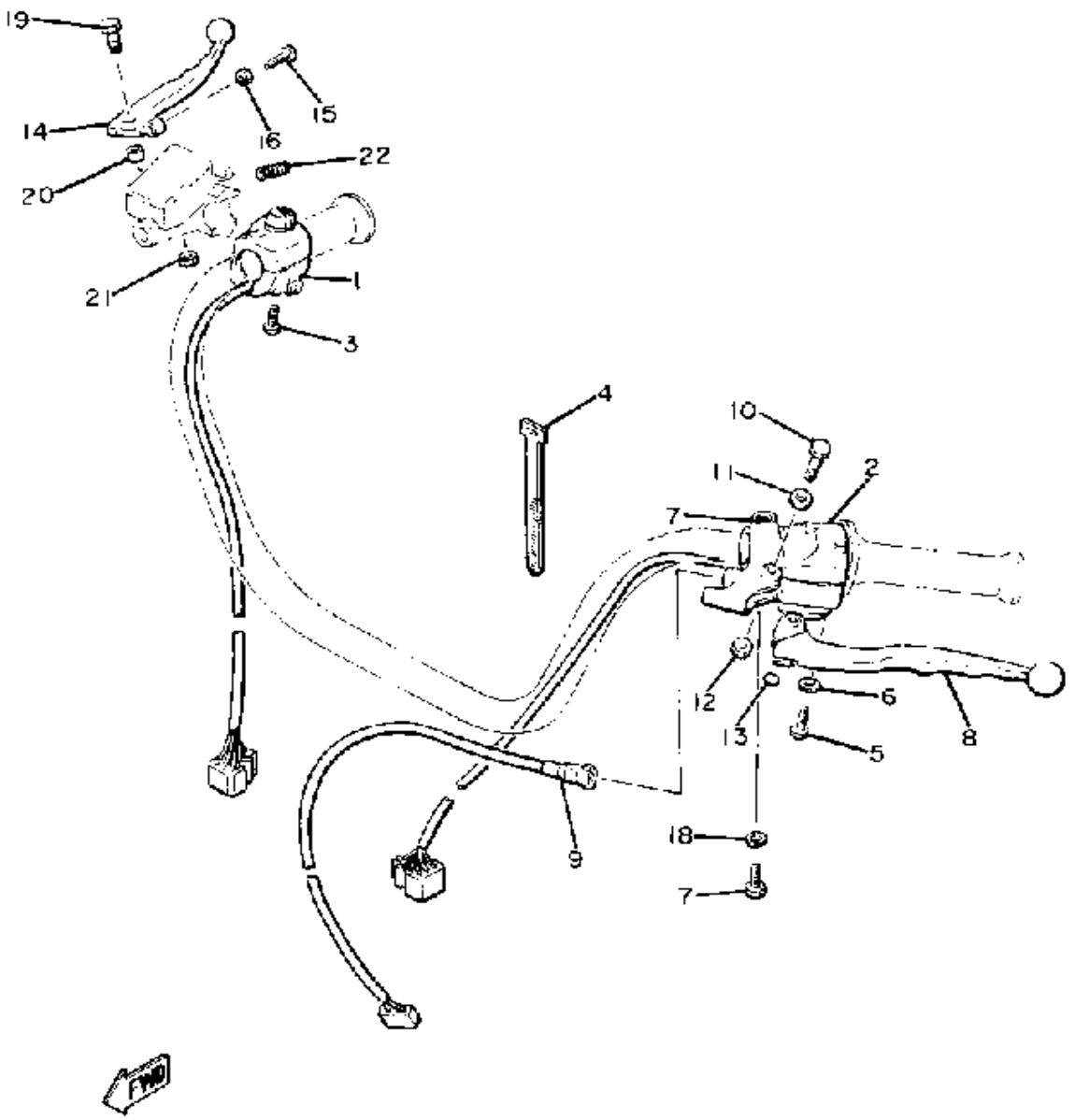
Ref. No.	Part Number	Description	Qty	Remarks
27	5V2-82305-10-00	IGNITOR UNIT ASSEMBLY 1 . .	1	
28	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
29	92995-06100-00	WASHER, SPRING	2	
30	92901-06600-00	WASHER	2	
31	95380-06700-00	NUT	2	
32	4H7-82590-50-00	WIRE HARNESS ASSEMBLY . .	1	
33	116-82151-00-00	. FUSE (10A)	1	
34	1A0-82161-00-00	. FUSE (20A) (148-82151-00-00)	1	

ELECTRICAL 2



Ref. No.	Part Number	Description	Qty	Remarks
1	2H7-82540-00-00	NEUTRAL SWITCH ASSEMBLY	1	
2	90430-10171-00	GASKET	1	
3	1A0-83980-30-00	STOP SWITCH ASSEMBLY	1	
4	1E9-82530-02-00	STOP SWITCH ASSEMBLY (1E9-82530-00-00)	1	
5	3JV-82501-00-00	MAIN SWITCH STEERING LOCK	1	
6	97011-06016-00	BOLT	2	
7	92901-06600-00	WASHER	2	
8	4H7-85720-01-00	OIL LVL GAUGE ASSEMBLY	1	
9	97011-06020-00	BOLT	2	
10	92995-06100-00	WASHER, SPRING	2	
11	92901-06600-00	WASHER	2	
12	437-83936-11-00	BAND, SWITCH CORD	2	
13	25G-83936-01-00	BAND, SWITCH CORD	2	
14	4H7-83350-70-00	FLASHER RELAY ASSEMBLY	1	
15	1A0-83395-03-00	FLASHER CANCL UNIT	1	
16	1J7-83371-22-00	HORN	1	
17	97011-08016-00	BOLT	1	
18	92990-08100-00	WASHER	1	
19	3G1-85110-00-00	FRT REFLECTOR ASSEMBLY	2	
20	(4H7-85127-00-00)	BASE, REFLECTOR	2	
21	98506-04018-00	SCREW, PAN HEAD	2	
22	92901-04600-00	WASHER, PLATE	2	
23	849-84724-00-00	SCREW, LENS FITTING	2	
24	92901-04600-00	WASHER, PLATE		

HANDLE SWITCH - LEVER



Ref. No.	Part Number	Description	Qty	Remarks
1	2H7-83975-02-00	SWITCH, HANDLE 2	1	
2	4H7-83973-00-00	SWITCH, HANDLE 3	1	
3	98501-05030-00	SCREW, PAN HEAD	2	
4	437-83936-01-00	BAND, SWITCH CORD	4	
5	90149-059U1-00	SCREW, PANHEAD (97701-50516)	2	
6	92901-05600-00	WASHER, PLATE	2	
7	4H7-82911-00-00	HOLDER, LEVER 1	1	
8	2H0-83912-30-00	LEVER L	1	
9	3Y6-82917-00-00	SWITCH	1	
10	2H7-83945-00-00	BOLT, LEVER	1	
11	90201-08083-00	WASHER, PLATE	1	
12	95601-06100-00	NUT, U	1	
13	93210-11368-00	O-RING	1	
14	2H7-83922-20-00	LEVER R	1	
15	90149-06131-00	SCREW	1	
16	90170-06010-00	NUT	1	
17	97006-06022-00	BOLT	1	
18	92906-06100-00	WASHER, SPRING	1	
19	90109-06465-00	BOLT	1	
20	90386-08094-00	BUSH, SPEC''L NYLON	1	
21	95601-06100-00	NUT, U	1	
22	90501-10510-00	SPRING, COMPRESSION	1	

TOP END GASKET KIT

Ref. No.	Part Number	Description	Qty	Remarks
22	(4H7-W0001-90-00)	GASKT KIT TE XJ6 0		
	1J7-11138-00-00	PLUG	2	
	1J7-12119-01-00	SEAL, VALVE STEM	8	
	4BB-11351-00-00	GASKET, CYLINDER (5G2-11351-00)	1	
	4H7-11181-02-00	GASKET, CYLINDER HEAD 1 .	1	
	4H7-11193-00-00	GASKET, HD.COVER 1	1	
	4H7-12213-00-00	GASKET, TENSNR CASE	1	
	4H7-13556-01-00	GASKET, MANIFOLD	4	
	4H7-14613-00-00	GASKET, EXST PIPE	4	
	5G2-11355-00-00	SEAL, CYLINDER 1	1	
	90430-14131-00	GASKET	2	
	93210-06632-00	O-RING	1	
	93210-08006-00	O-RING	1	
	93210-69434-00	O-RING	4	

XJ650G
1980 SERVICE DATA

MODEL - IBM I.D. NUMBER	XJ650G - B XJ650G - R 4H7
Initial Engine Number / Frame Number	4H7-000101 / 4H7-000101
Basic Color(s)	Black Gold (B) New Ruby Red (R)
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 13 Lit. (3.4 Gal.) / 3.4 Lit. (0.9 Gal.)
Dry Vehicle Weight	203 kg (447 lbs.)
ENGINE TYPE	4-Stroke, Air Cooled, Parallel Four
Bore / Stroke / Number Cylinders / Displacement cc	63mm / 52.4mm / 4 / 653cc
Compression Ratio/Compression Pressure Min ~ Max	9.2:1 / NA
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	0.11 ~ 0.15mm / 0.16 ~ 0.20mm
Oil Pressure Hot / rpm	NA
Oiling System	Wet Sump
Capacity: Dry	3200cc
Oil and Filter Change	2650cc
Oil Change	2350cc
Lubricant: Temp. above 5°C (40°F)	Yamalube 4* or SAE 20W-40 SE Motor Oil
Below 15°C (60°F)	Yamalube 4* or SAE 10W-30 SE Motor Oil
AUTOLUBE - Min. Stroke / Color Code	ø
Minimum Output @ 200 Cycles	ø
Maximum Output @ 200 Cycles	ø
CARBURETOR - Mfr. / Type / I.D. Number	Hitachi / HSC32 / 4H7-00
Main Jet / Pilot Jet	110 / 40
Needle Jet / Jet Needle-Clip Position	3.2 / Y-10 Fixed
Slide Cutaway or Throttle Valve	130
Float Level / Fuel Level	17.5 ± 0.5 / 2 ~ 4mm
Idle rpm	1050 rpm
CO % @ Idle (Diagnostic Use Only)	NA
SUSPENSION	
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / ø / 262cc
Gas Pressure	ø
Spring Length Std.	606mm
Monoshock: Oil Type / Qty	ø
Gas Pressure	ø
Minimum Brake Lining Thickness	Front: 1.2mm Rear: 2mm
Tire Size (Nominal Pressure)	F:3.25H19 (1.8 kg/cm²/26 psi) R:130/90-16 67H (2.0 kg/cm²/28psi)
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.	40.1 ~ 39.1mm
Middle Gear Case Capacity	ø
Final Gear Case Capacity	200cc
Gear Case Lubricant: Temp above 5°C (40°F)	SAE 80 API Hypoid Gear Oil GL-4
Temp below 15°C (60°F)	SAE 80 API Hypoid Gear Oil GL-4
All Weather Conditions	SAE 80 API Hypoid Gear Oil GL-4

FILE 650 SECTION	DATE 3/14/80	BUL M80-009

CHARGING SYSTEM	AC Generator / 3 Phase / Full Wave
Battery: Model / Specific Gravity / Chg. Rate	Yuasa 12N12A-4A-1 (12V12AH) / 1.28 / 1.2A
Maximum Output	14V19A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	Rotor:Grn ~ Brn / 4.0 Ω ± 10% Stator:Wht ~ Wht / 0.46 Ω ± 10%
Charge Coil Color Code / Ω	ø
IGNITION SYSTEM	Transistor Controlled Ignition
Ignition Timing	10° Mark
	Std: 10° @ 1050 rpm Adv: 37.5 ± 2° @ 4100 rpm
Spark Plug Type	NGK BP-7ES or Nippon Denso W22EP
Spark Plug Gap / Torque / Cap Ω	0.7~0.8mm / 2.0 m-kg / Cyl. 1&4 5K Ω +25 -10 % / Cyl. 2&3 10K Ω +25 -10 %
Point Gap / Condenser Capacitance	ø / ø
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, Gry ~ Brn / 700 Ω ± 20%
Source Coil Color Code / Ω	ø
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	ø
TORQUE VALUES	
Front Axle Nut	14 x 1.5: 10.0 m-kg
Front Axle Holder Nut	8 x 1.25: 2.0 m-kg
Rear Axle Nut	14 x 1.5: 10 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 1.5: 4.3 m-kg
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	10 x 1.25: 3.2 m-kg
Engine Mounting Bolts: Front Upper	10 x 1.25: 4.0 m-kg
Front Lower	10 x 1.25: 4.0 m-kg
Rear	12 x 1.25: 7.0 m-kg

ø Does Not Apply To This Model
N/A Information Not Available

* Available From Yamaha Parts Distributors, Inc.

CHARGING SYSTEM	AC Generator / 3 Phase / Full Wave
Battery: Model / Specific Gravity / Chg. Rate	Yuasa 12N12A-4A-1 (12V12AH) / 1.28 / 1.2A
Maximum Output	14V19A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	Rotor:Grn ~ Brn / 4.0 Ω ± 10% Stator:Wht ~ Wht / 0.46 Ω ± 10%
Charge Coil Color Code / Ω	Ø
IGNITION SYSTEM	Transistor Controlled Ignition
Ignition Timing	10° Mark
	Std: 10° @ 1050 rpm Adv: 37.5 ± 2° @ 4100 rpm
Spark Plug Type	NGK BP-7ES or Nippon Denso W22EP
Spark Plug Gap / Torque / Cap Ω	0.7~0.8mm / 2.0 m-kg / Cyl. 1&4 5K Ω ±$\frac{20}{10}$% / Cyl. 2&3 10K Ω ±$\frac{20}{10}$%
Point Gap / Condenser Capacitance	Ø / Ø
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, Gry ~ Brn / 700 Ω ± 20%
Source Coil Color Code / Ω	Ø
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Ø
TORQUE VALUES	
Front Axle Nut	14 x 1.5: 10.0 m-kg
Front Axle Holder Nut	8 x 1.25: 2.0 m-kg
Rear Axle Nut	14 x 1.5: 10 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 1.5: 4.3 m-kg
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	10 x 1.25: 3.2 m-kg
Engine Mounting Bolts: Front Upper	10 x 1.25: 4.0 m-kg
Front Lower	10 x 1.25: 4.0 m-kg
Rear	12 x 1.25: 7.0 m-kg

Ø Does Not Apply To This Model
N/A Information Not Available

* Available From Yamaha Parts Distributors, Inc.