YAMAHA

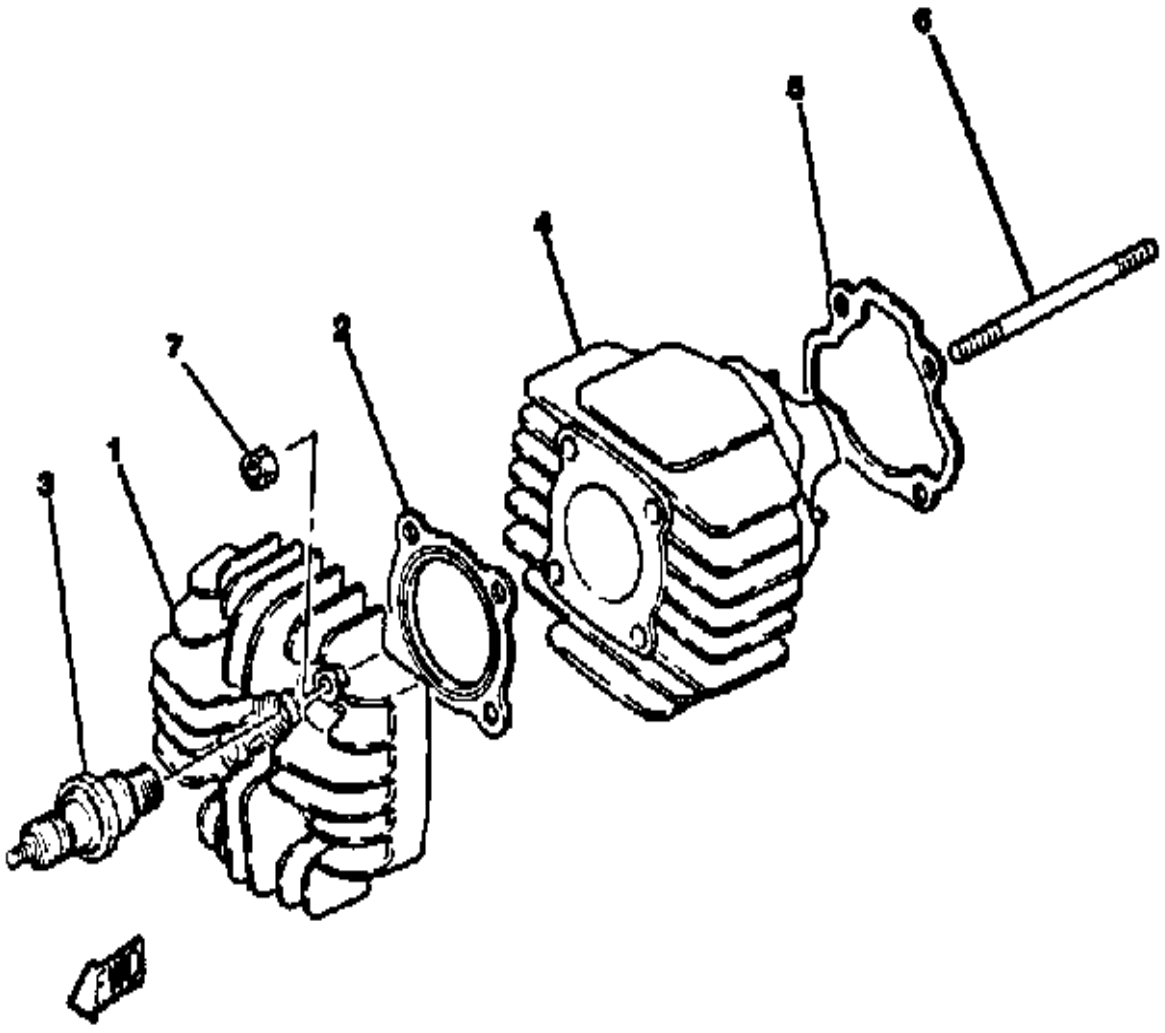
GENUINE

PARTS CATALOGUE

MOTORCYCLE

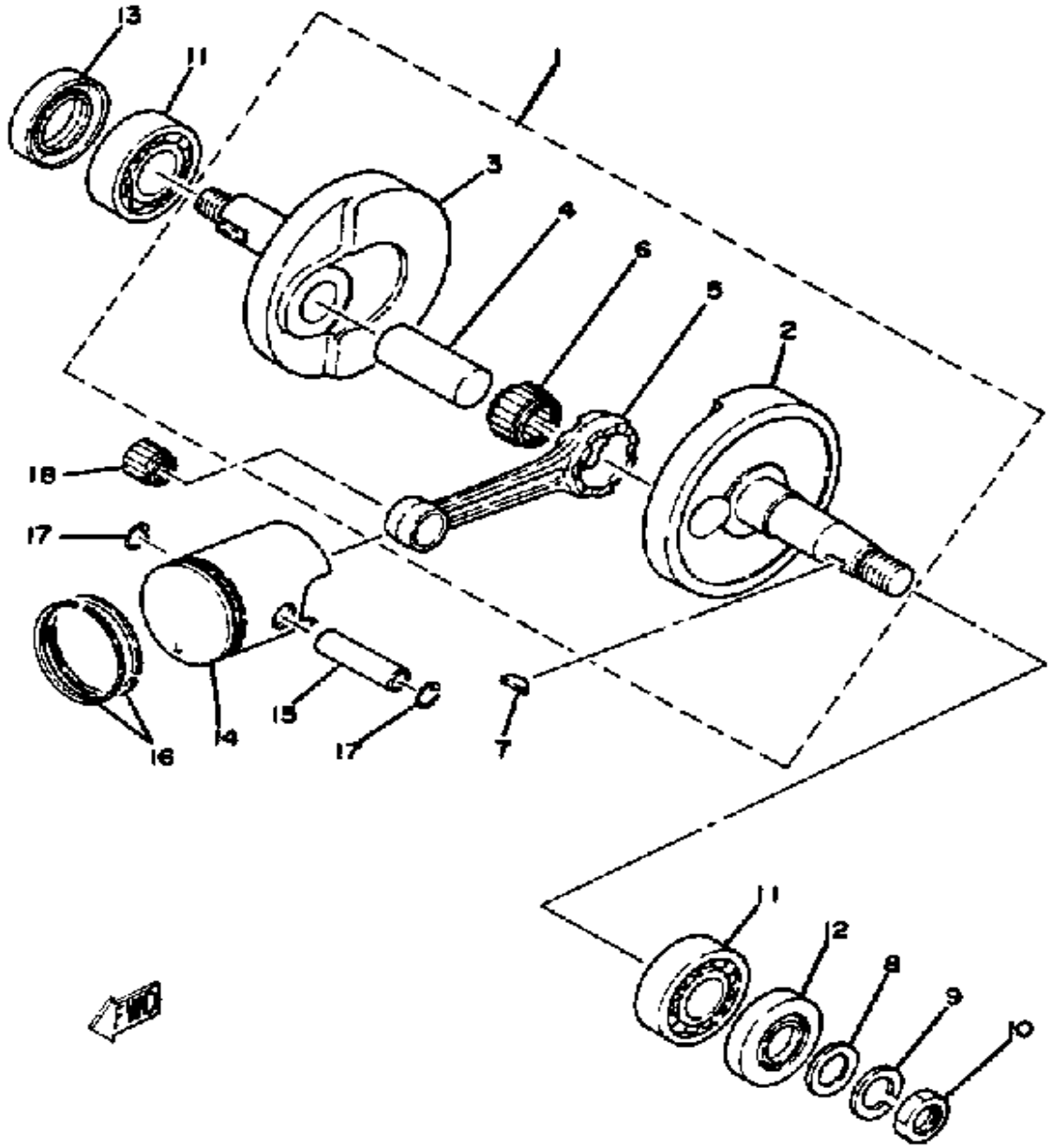
A1

CYLINDER



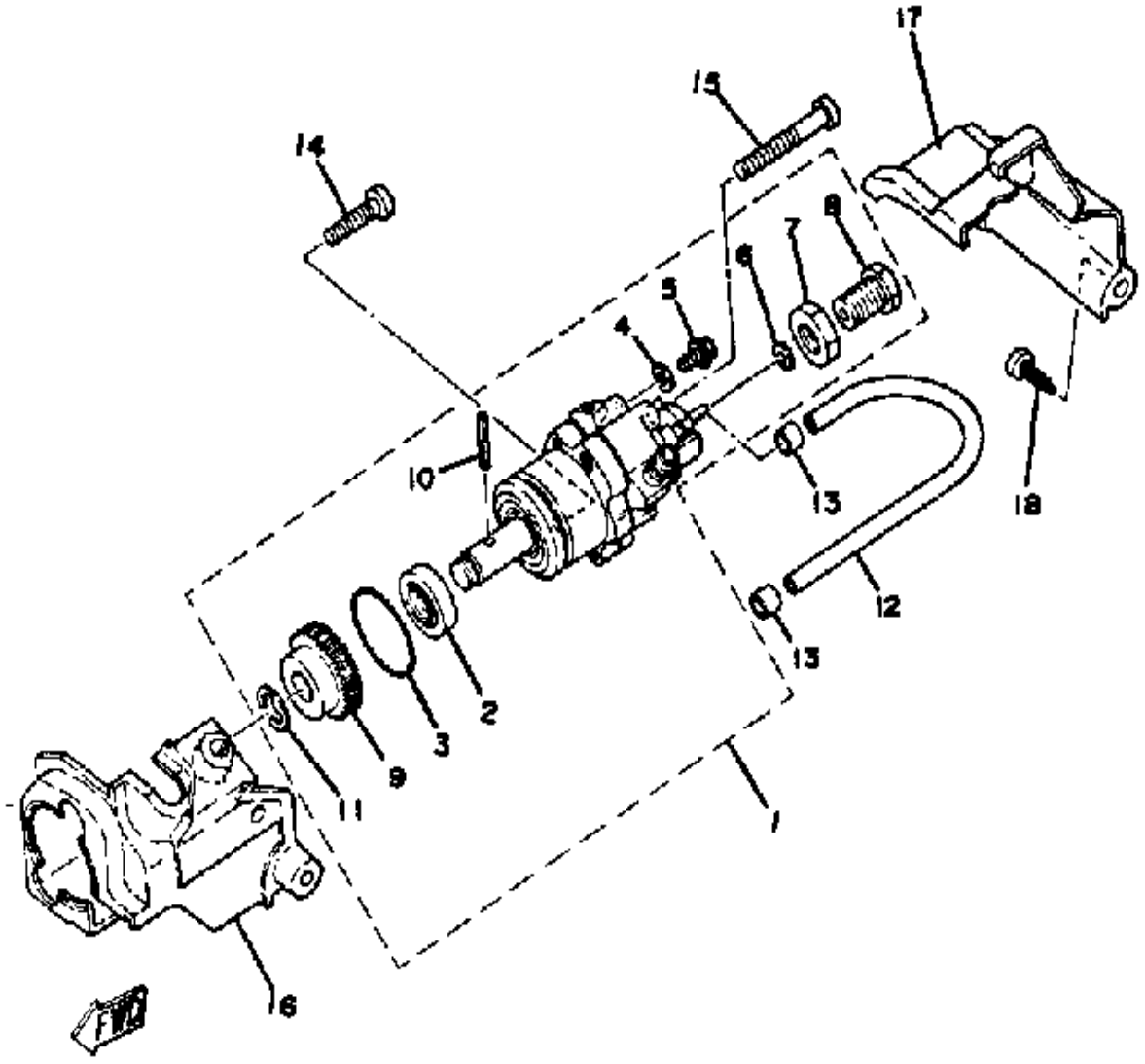
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-11111-02-00	HEAD, CYLINDER 1	1	
2	517-11181-00-00	GASKET, CYLINDER HEAD 1	1	
3	NGK-BP4HS-00-00	PLUG, SPARK (NGK BP4HS)	1	U.R.
4	3L5-11311-01-00	CYLINDER 1	1	
5	3PT-11351-00-00	GASKET, CYLINDER	1	
6	90116-06269-00	BOLT, STUD	4	
7	95701-06500-00	NUT, FLANGE	4	

CRANKSHAFT - PISTON



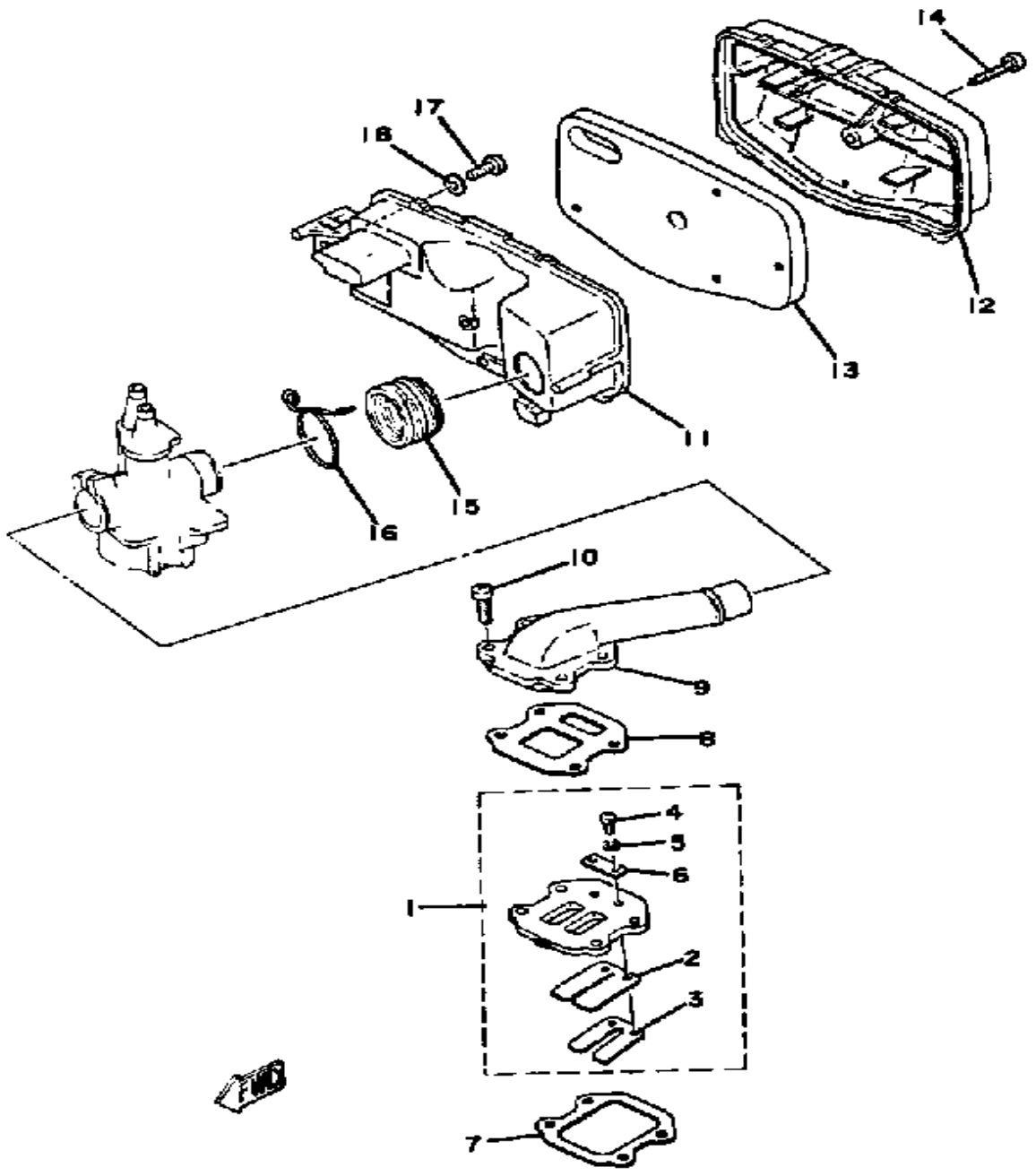
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-11400-01-00	CRANKSHAFT ASSEMBLY . . .	1	
2	3L5-11412-00-00	. CRANK 1	1	
3	3L5-11422-01-00	. CRANK 2	1	
4	1YU-11681-00-00	. PIN, CRANK 1	1	
5	2E9-11651-00-00	. ROD, CONNECTING	1	
6	93310-416N7-00	. BEARING	1	
7	90280-03017-00	KEY, WOODRUFF	1	
8	92990-12600-00	WASHER, PLATE	1	
9	92901-12100-00	WASHER, SPRING	1	
10	95301-12700-00	NUT (95302-12700)	1	
11	93306-20326-00	BEARING	2	
12	93102-17067-00	OIL SEAL	1	
13	93102-23174-00	OIL SEAL	1	
14	18U-11631-00-A0	PISTON (STD)	1	
	18U-11635-00-00	PISTON (0.25MM O/S)	1	
	18U-11636-00-00	PISTON (0.50MM O/S)	1	
15	2E9-11633-00-00	PIN, PISTON	1	
16	260-11601-03-00	PISTON RING SET (STD)	1	
	260-11601-13-00	PISTON RING SET (0.25MM O/S)	1	ALT. PART
	260-11601-23-00	PISTON RING SET (0.50MM O/S)	1	ALT. PART
17	93450-11021-00	CIRCLIP	2	
18	93310-210M0-00	BEARING, CYLINDRICAL	1	

OIL PUMP



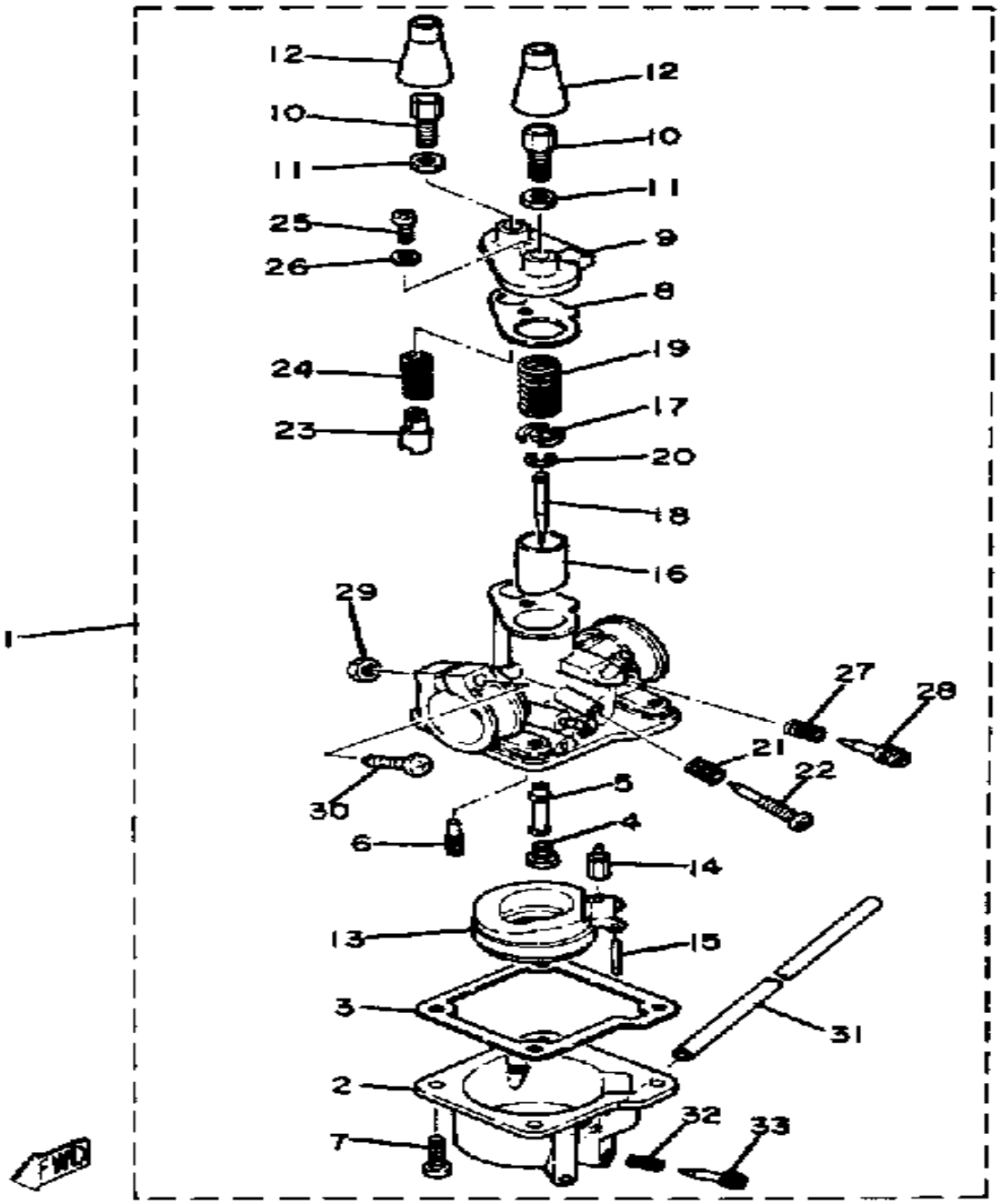
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-13101-00-00	OIL PUMP ASSEMBLY	1	
2	93101-10090-00	. OIL SEAL	1	
3	93210-26240-00	. O-RING	1	
4	90430-04004-00	. GASKET	1	
5	90149-04135-00	. SCREW	1	
6	384-13138-00-00	. PLATE, ADJUSTING	1	
7	90170-10105-00	. NUT	1	
8	90401-10029-00	. BOLT, UNION	1	
9	3L5-13124-00-00	. GEAR, WORM WHEEL (56T)	1	
10	91690-30014-00	. PIN, SPRING	1	
11	99080-07600-00	. CIRCLIP (E)	1	
12	3L5-13161-00-00	PIPE, DELIVERY 1	1	
13	90468-02033-00	CLIP	2	
14	98580-05020-00	SCREW, PAN HEAD	1	
15	98501-05035-00	SCREW, PAN HEAD	1	
16	17J-15416-00-00	COVER 1 (3L5-15416-00)	1	
17	3L5-15426-00-00	COVER, OIL PUMP 2	1	
18	97780-50514-00	SCREW, tapping (97702-50614-00)	1	

AIR FILTER



Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-13610-00-00	REED VALVE ASSEMBLY	1	
2	3L5-13613-00-00	. REED, VALVE	1	
3	3L5-13616-00-00	. STOPPER, REED VALVE	1	
4	98580-03010-00	. SCREW, PAN HEAD (98502-03010)	2	
5	92990-03100-00	. WASHER, SPRING (92901-03100)	2	
6	3L5-13624-00-00	. PLATE, REED VALVE	1	
7	3HK-13621-00-00	GASKET, VALVE SEAT	1	
8	3L5-13622-10-00	GASKET, VALVE SEAT	1	
9	3L5-13555-00-00	MANIFOLD, INTAKE	1	
10	98580-06020-00	SCREW	4	
11	3L5-14411-00-00	CASE, AIR CLEANER 1	1	
12	3L5-W1441-00-00	AIR FILT CASE ASSEMBLY (3L5-14412-00)	1	
13	3L5-14451-00-00	ELEMENT, AIR CLNR	1	
14	97780-50130-00	SCREW, TAPPING	1	
15	3L5-14453-01-00	JOINT, AIR CLNR 1	1	
16	90467-20023-00	CLIP	1	
17	98503-06014-00	SCREW, PAN HEAD (92502-06016)	1	
18	90201-06050-00	WASHER, PLATE	1	

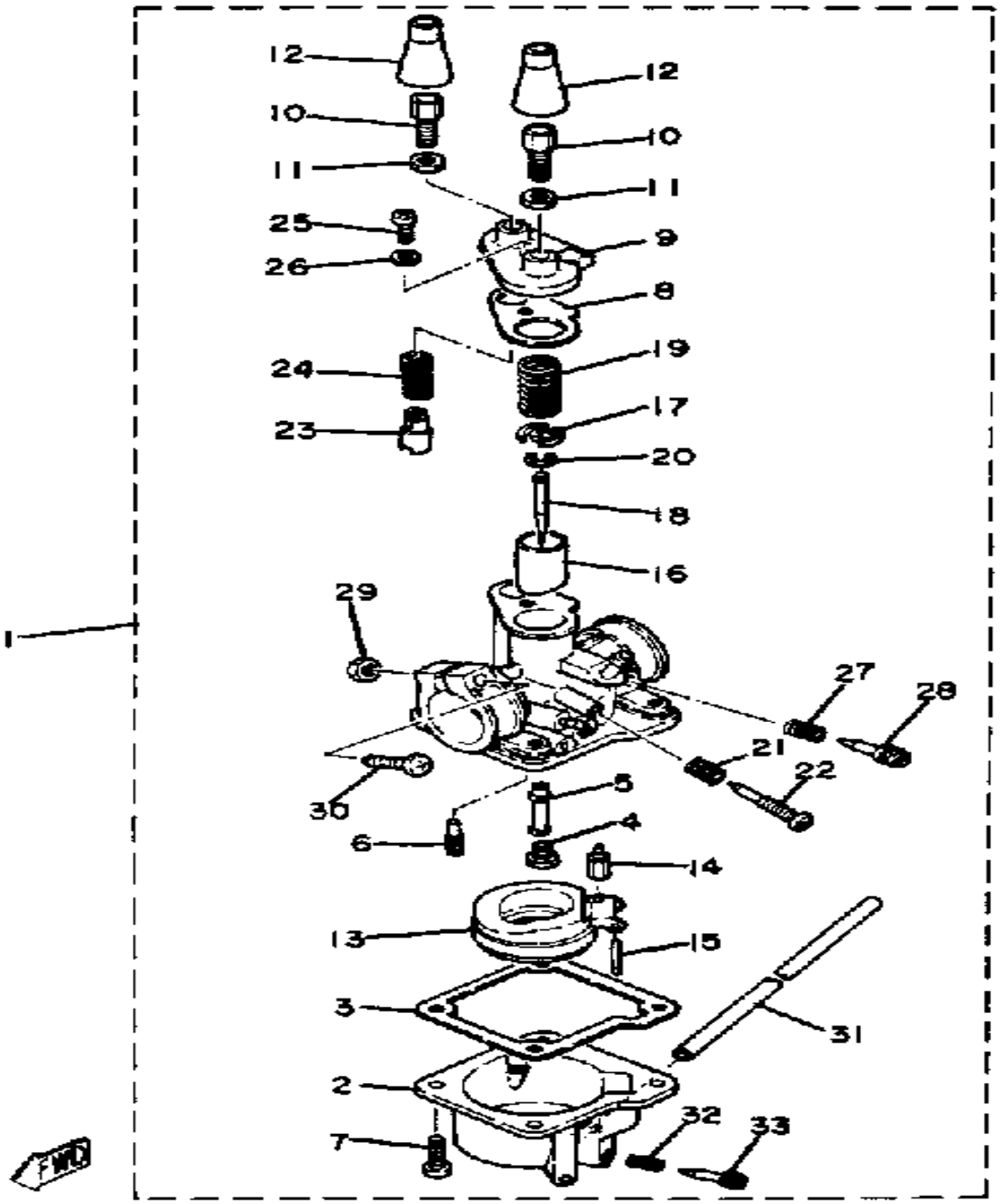
CARBURETOR



Ref. No.	Part Number	Description	Qty	Remarks
1	4L4-14101-00-00	CARBURETOR ASSEMBLY 1 .	1	
2	(3L5-14181-07-00)	BODY, FLOAT CHMBR 1	1	
3	3L5-14184-00-00	. GASKET, FLOAT CHAMBER .	1	
4	620-14231-13-00	. JET, MAIN (# 65)	1	U.R.
	620-14231-14-00	. JET, MAIN (# 70)	1	U.R. STD
	620-14231-15-00	. JET, MAIN (# 75)	1	U.R.
5	3L7-14141-10-00	. NOZZLE, MAIN	1	
6	3L5-14142-40-00	. JET, PILOT (# 40)	1	
7	98503-04014-00	. SCREW, PAN HEAD	4	
8	3L5-14198-00-00	. GASKET	1	
9	3L5-14158-00-00	. TOP, MIXING CHAMBER	1	
10	12G-14106-00-00	. CABLE ADJUST SCREW SET	2	
11	802-14161-00-00	. NUT, CABLE ADJUSTING ...	2	
12	307-14169-10-00	. CAP	2	
13	3L6-14185-01-00	. FLOAT	1	
14	3L5-14190-01-00	. NEEDLE VALVE ASSEMBLY .	1	
15	603-14186-00-00	. PIN, FLOAT	1	
16	3L5-14112-25-00	. VALVE, THROTTLE 1	1	
17	3L5-14137-00-00	. CLIP	1	
18	3L6-14116-06-00	. NEEDLE	1	
19	174-14131-01-00	. SPRING, THROTTLE VALVE .	1	
20	127-14137-00-00	. CLIP	1	
21	3L6-14133-00-00	. SPRING, THRTL STOP	1	
22	36R-14103-00-00	. THROTTLE SCREW SET	1	
23	58E-14171-00-00	. PLUNGER, STARTER	1	
24	127-14135-00-00	. SPRING, PLUNGER	1	
25	98580-05012-00	. SCREW, PAN HEAD	1	
26	92990-05100-00	. WASHER, SPRING	1	
27	3F7-14134-00-00	. SPRING, AIR ADJUSTING ...	1	

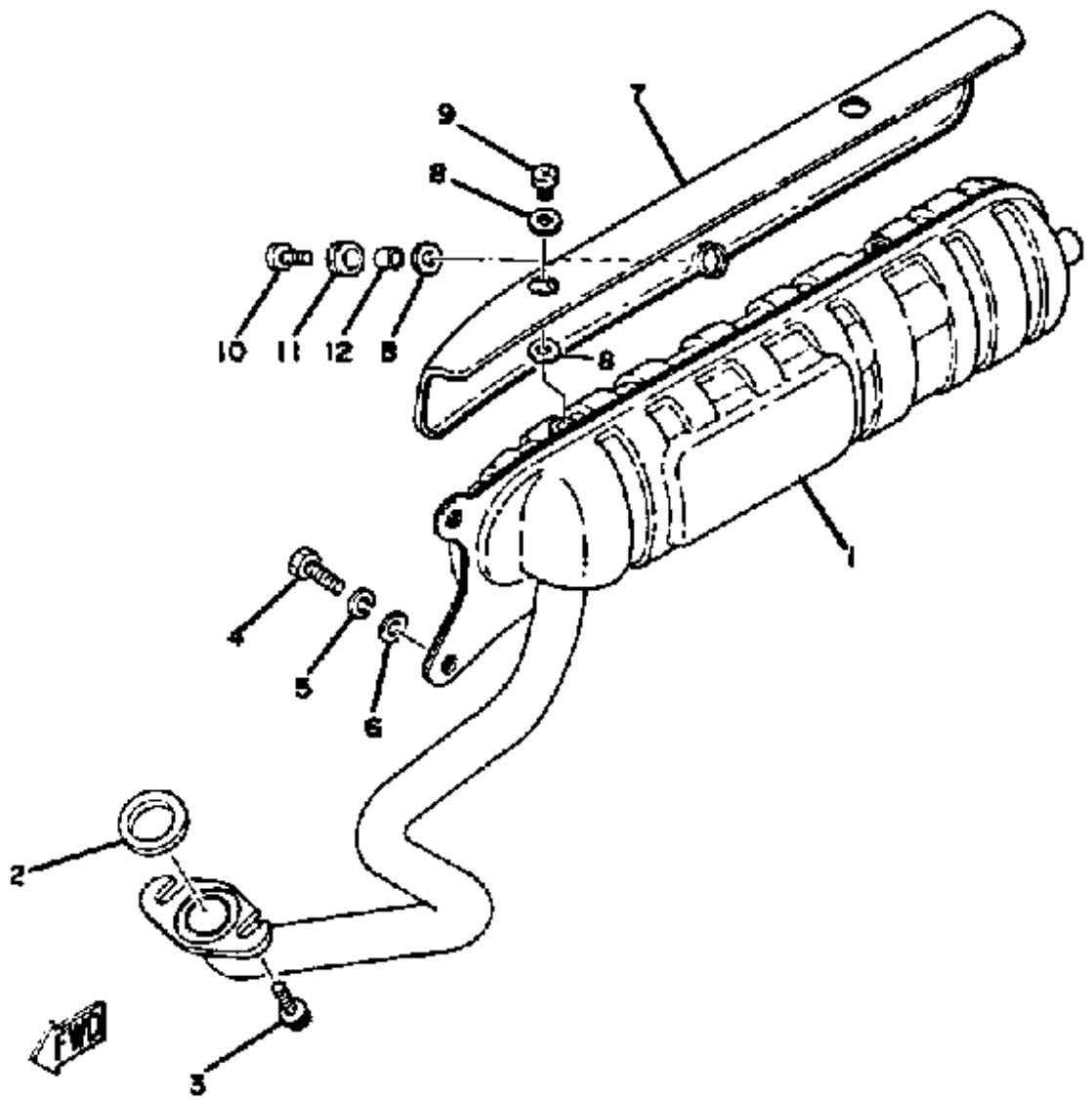
CONTINUED ON NEXT FRAME ➤

CARBURETOR



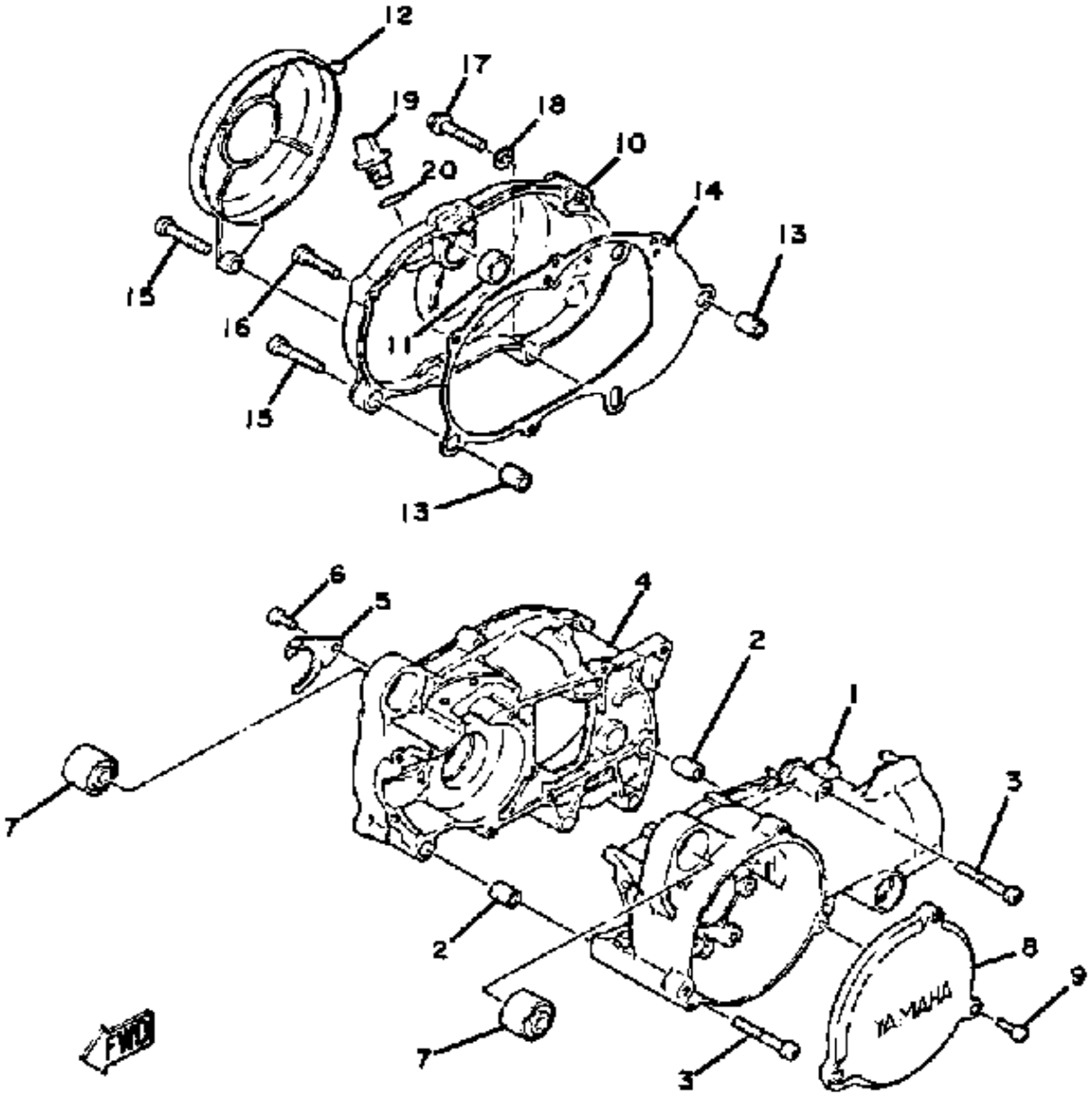
Ref. No.	Part Number	Description	Qty	Remarks
28	17L-14104-00-00	. AIR SCREW SET	1	
29	95380-05600-00	. NUT	1	
30	98501-05030-00	. SCREW, PAN HEAD	1	
31	90445-05024-00	. HOSE (835-13171-00)	1	
32	3F7-14134-00-00	. SPRING, AIR ADJUSTING . . .	1	
33	17L-14104-00-00	. AIR SCREW SET	1	

EXHAUST



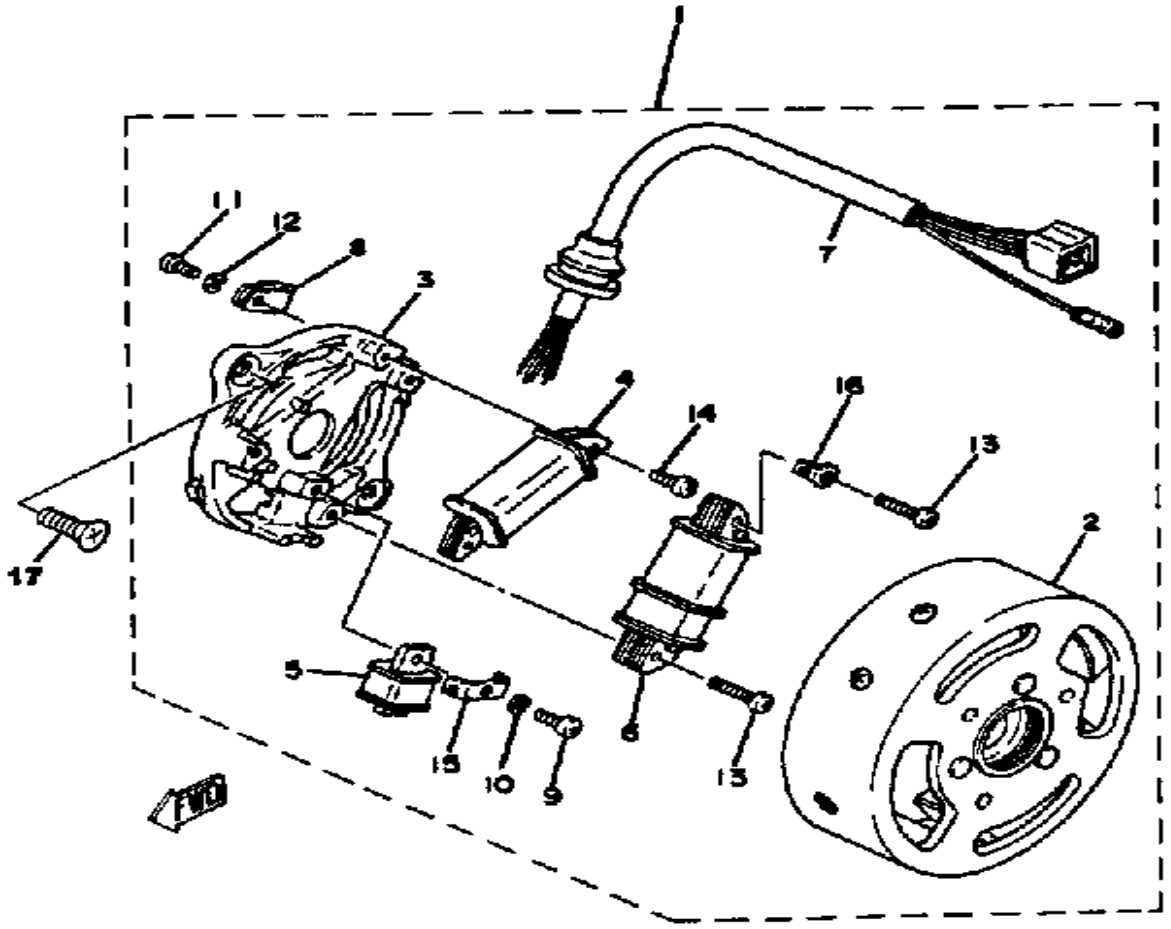
Ref. No.	Part Number	Description	Qty	Remarks
1	4L4-14610-00-00	EXHAUST PIPE ASSEMBLY L .	1	
2	2E9-14613-10-00	GASKET, EXST PIPE	1	
3	90153-06057-00	SCREW, hexagon	2	
4	97313-08020-00	BOLT, HEXAGON	2	
5	92990-08100-00	WASHER	2	
6	92901-08600-00	WASHER	2	
7	3L5-14718-00-35	PROTECTOR, MUFF 1	1	SILVER
8	90430-06012-00	GASKET	5	
9	98580-06010-00	SCREW, PAN HEAD (92503-06010)	2	
10	98903-06012-00	SCREW, BIND	1	
11	90480-12237-00	GROMMET	1	
12	90387-06023-00	COLLAR	1	

CRANKCASE



Ref. No.	Part Number	Description	Qty	Remarks
1	(3L9-15111-00-00)	CRANKCASE 1	1	
2	99510-12016-00	PIN, DOWEL	2	
3	98580-06545-00	SCREW PAN HEAD (92503-06045)	8	
4	3L5-15121-00-00	CRANKCASE 2	1	
5	3L5-15128-00-00	HOLDER	1	
6	98580-06012-00	SCREW, PAN HEAD	1	
7	(3L6-15316-00-00)	DAMPER, ENG MOUNT 1	2	
8	3L5-15415-00-00	COVER, GENERATOR	1	
9	98580-05016-00	SCREW, PAN HEAD	3	
10	3L5-15421-00-00	COVER, CRANKCASE R	1	
11	3L5-17112-01-00	BUSH 1	1	
12	3L5-15491-00-00	PROTECTOR	1	
13	99510-12016-00	PIN, DOWEL	2	
14	3L5-15451-10-00	GASKET, CRANKCASE COVER 1	1	
15	98580-06035-00	SCREW, PAN HEAD	3	
16	98511-06025-00	SCREW PAN HEAD (92501-06025)	3	
17	90105-08103-00	BOLT, WASHER BASED	1	
18	90201-08087-00	WASHER, PLATE	1	
19	4J2-15363-00-00	PLUG, OIL	1	
20	93210-14104-00	O-RING	1	

GENERATOR



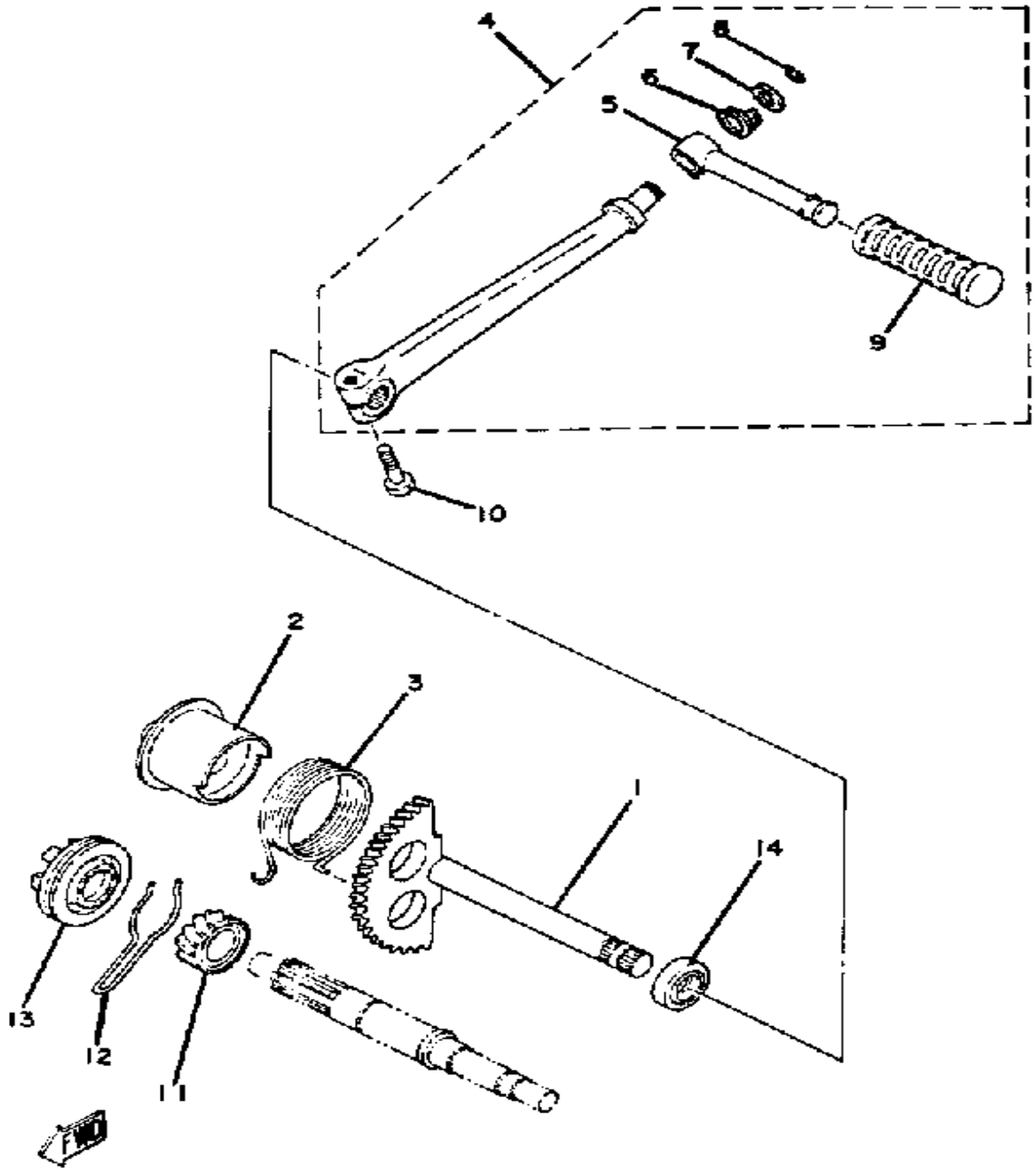
Ref. No.	Part Number	Description	Qty	Remarks
1	(5U9-85500-M0-00)	CDI MAGNETO ASSEMBLY	1	
2	(3L8-85550-M0-00)	ROTOR ASSEMBLY	1	
3	3L5-85561-M1-00	. BASE, MAGNETO	1	
4	3T5-85520-M1-00	. COIL, CHARGE	1	
5	3L5-85580-M0-00	. COIL, PULSER	1	
6	5N7-81313-M0-00	. COIL, LIGHTING 1	1	
7	3L8-8131X-M0-00	. CORD ASSEMBLY	1	
8	90461-05036-00	. CLAMP	1	
9	98580-04010-00	. SCREW, PAN HEAD	1	
10	92901-04600-00	. WASHER, PLATE	1	
11	98511-04006-00	. SCREW, PAN HEAD (98501-04005)	1	
12	92901-04600-00	. WASHER, PLATE	1	
13	98511-04025-00	. SCREW, PAN HEAD	2	
14	98511-04012-00	. SCREW, PAN HEAD	2	
15	2T4-85568-M1-00	. TERMINAL, EARTH 1	1	
16	2T4-85569-M1-00	. TERMINAL, EARTH 2	1	
17	98701-06014-00	SCREW, FLAT HEAD	2	

QT50S

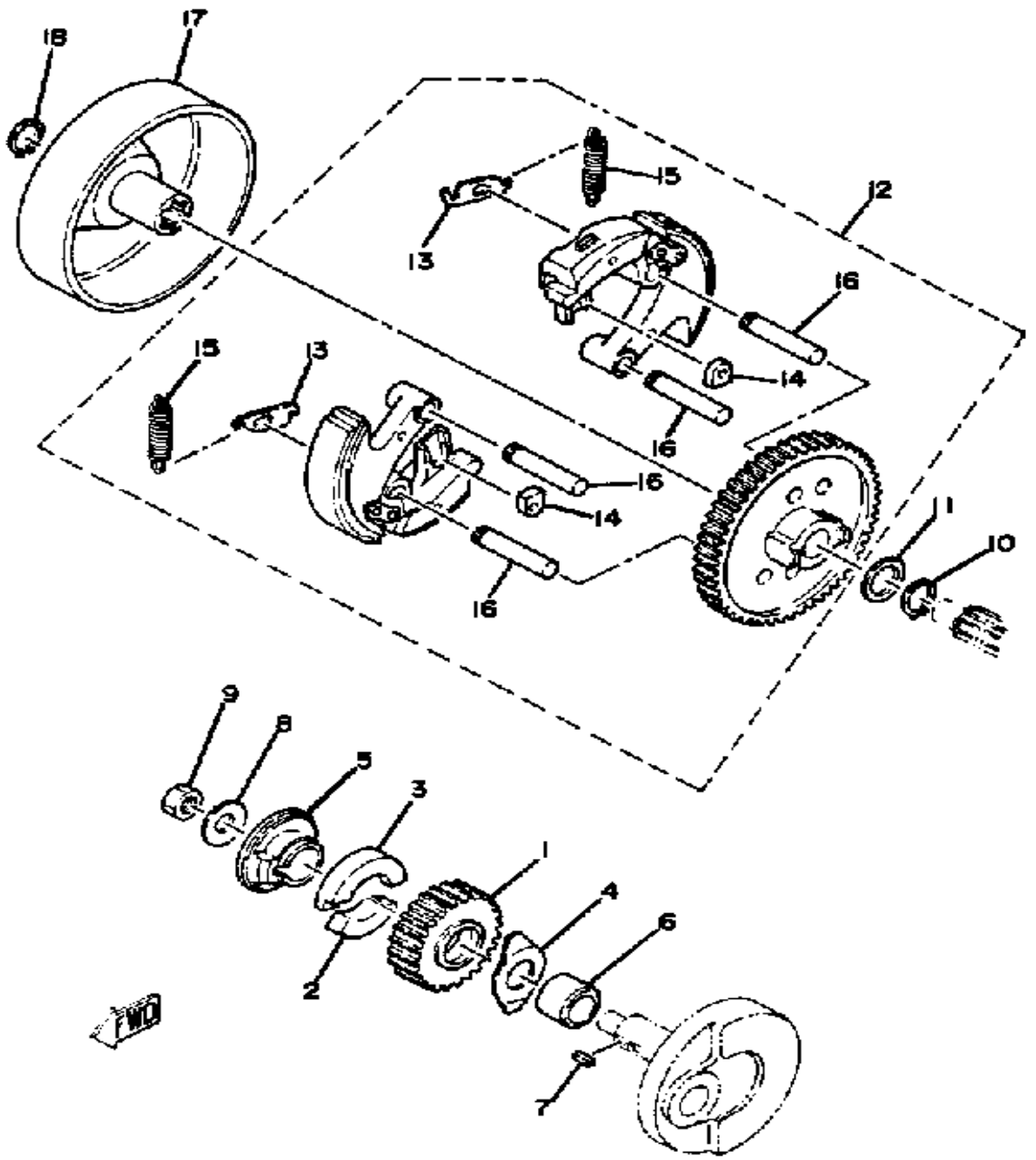
CHARGING SYSTEM	Flywheel Magneto, Single Phase, Half Wave
Battery: Model / Specific Gravity / Charge Rate	6N4-2A-2 (6V4AH) / 1.26 / 0.4A
Maximum Output	7.9V 2.0A @ 8000 rpm
Field Coil Color Code / Ω	•
Stator Coil Color Code / Ω	•
Charge Coil Color Code / Ω	Wht ~ Blk / 0.266Ω ± 20%

IGNITION SYSTEM	Capacitor Discharge
Ignition Timing	0.94mm BTDC 16° @ 5,000 rpm
Spark Plug Type	NGK B8HS or ND W14FPL
Spark Plug Gap / Torque / Cap Ω	0.6~0.7mm / 2.0m-kg (14.5 ft-lbs) / 5KΩ ± 20%
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6Ω ± 10% / 6.6K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red~Blk / 20Ω ± 10%
Source Coil Color Code / Ω	Blk-Red ~ Blk / 307Ω ± 10%

STARTER

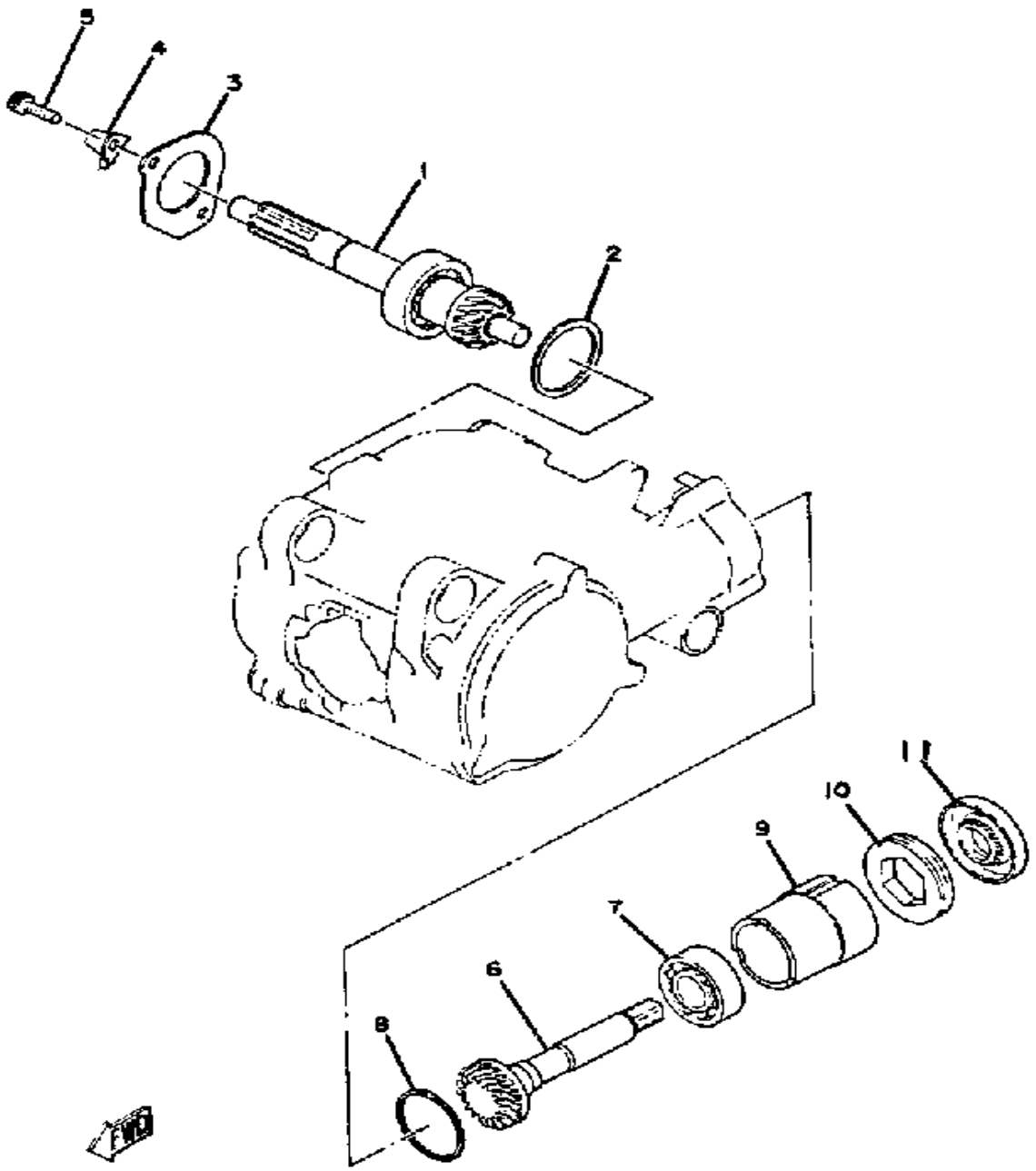


Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-15601-00-00	KICK SHAFT ASSEMBLY	1	
2	3L5-15664-00-00	GUIDE, SPRING	1	
3	90508-28399-00	SPRING, TORSION	1	
4	34M-15620-00-00	KICK CRANK ASSEMBLY	1	
5	(4K5-15612-00-00)	LEVER, KICK	1	
6	90504-18031-00	. SPRING, COMPRESSION (132-15625-01)	1	
7	90209-10108-00	. WASHER, SPEC''L SHAP	1	
8	93440-10028-00	. CIRCLIP, OUTER (132-15617-00)	1	
9	2T4-15618-00-00	. COVER, KICK LEVER	1	
10	97011-06025-00	BOLT (97001-06025)	1	
11	3L5-15631-00-00	GEAR, KICK PINION (13T)	1	
12	3L5-15673-00-00	CLIP	1	
13	3L5-13178-00-00	GEAR, PUMP DRIVE	1	
14	93109-15001-00	OIL SEAL	1	



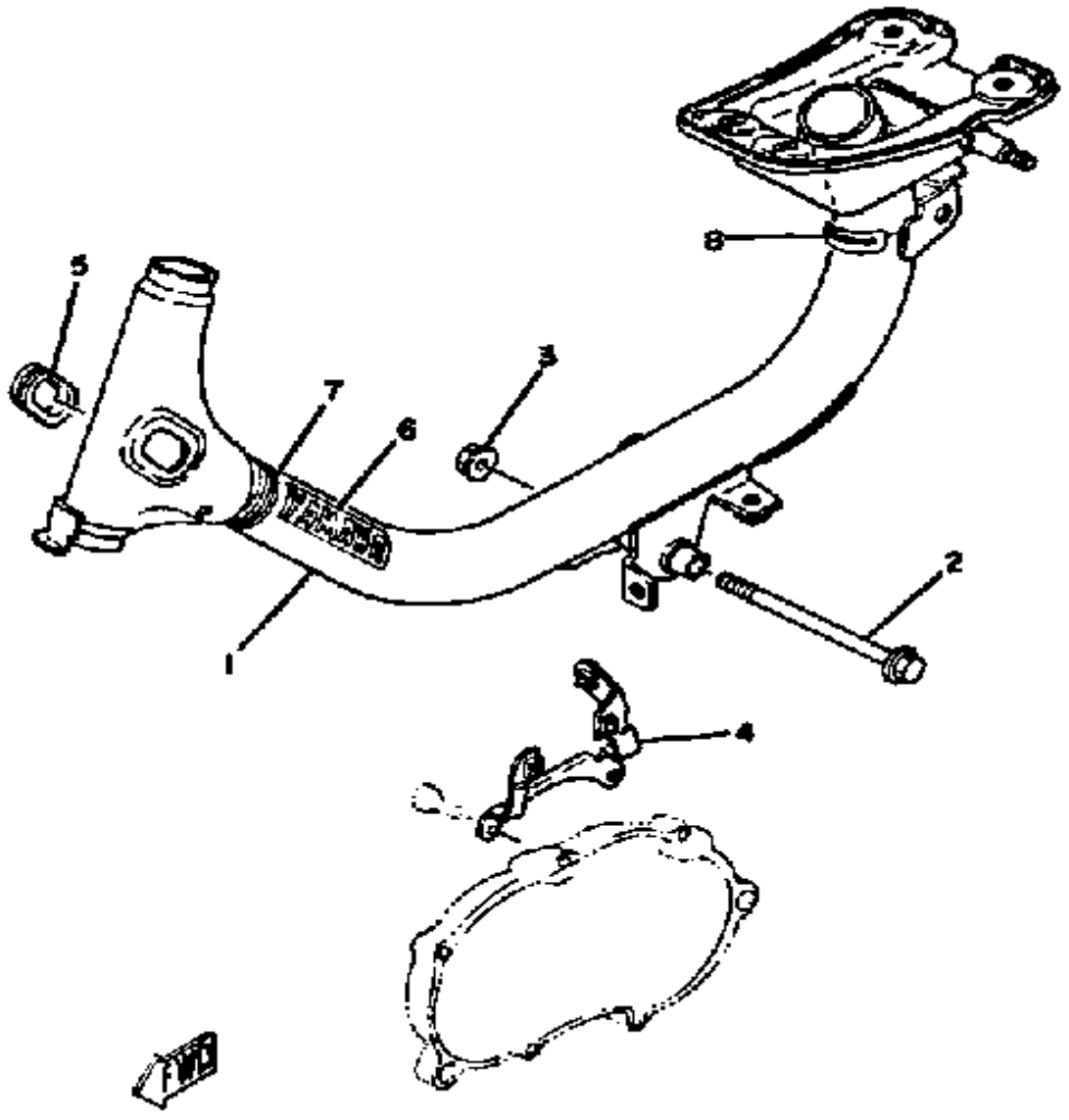
CLUTCH

Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-16111-00-00	GEAR, PRIMARY DRIVE (33T)	1	
2	3L5-16115-00-00	ABSORBER 1	1	
3	3L5-16125-00-00	ABSORBER 2	1	
4	3L5-16114-00-00	PLATE, THRUST 2	1	
5	3L5-16181-01-00	SPACER 1	1	
6	90387-16730-00	COLLAR	1	
7	90282-05034-00	KEY, STRAIGHT	1	
8	90208-10012-00	WASHER, CONICAL SPRING	1	
9	95701-10500-00	NUT, FLANGE (95702-10500)	1	
10	99009-16400-00	CIRCLIP	1	
11	90201-16383-00	WASHER, PLATE	1	
12	3L5-16620-03-00	CLUTCH CARRIER ASSEMBLY	1	
13	3L5-16628-02-00	. WASHER	2	
14	2T4-16629-00-00	. DAMPER, CLUTCH WEIGHT	2	
15	3L5-16627-02-00	. SPRING, CLUTCH WEIGHT 2	2	
16	36R-16633-00-00	. SHAFT, CLUTCH WEIGT	4	
17	3L5-16611-02-00	CLUTCH HOUSING COMP.	1	
18	99009-16400-00	CIRCLIP	1	



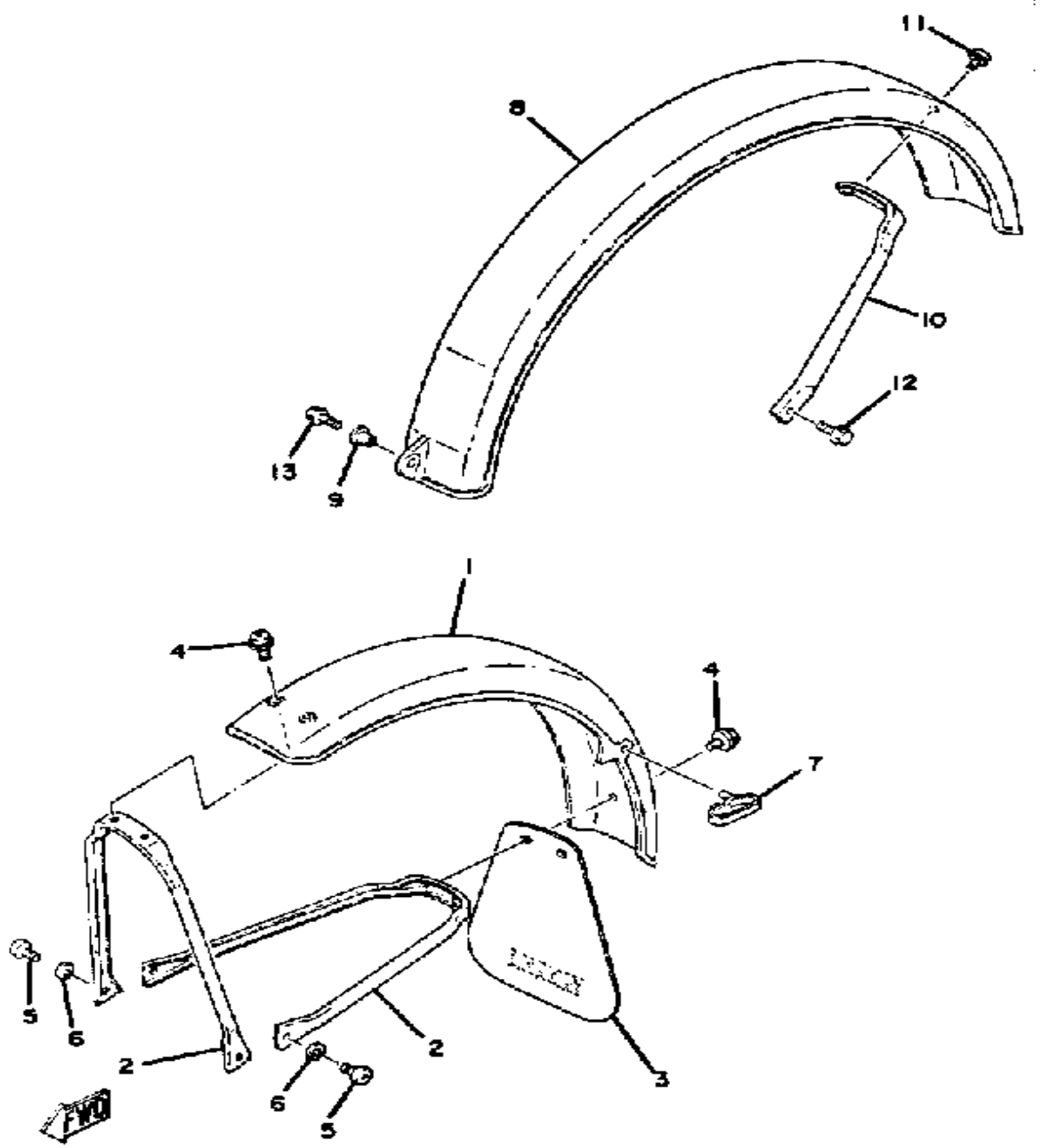
TRANSMISSION

Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-17410-00-00	MAIN AXLE COMP. (15T)	1	
2	3L5-17531-00-00	SHIM, PINION	1	
3	3L5-17471-00-00	PLATE, COVER	1	
4	3L5-17473-00-00	STOPPER	1	
5	91316-06016-00	BOLT, SOCKET HEAD	2	
6	15L-17552-00-00	PINION, DRIVEN	1	
	3L5-17550-00-00	DRIVEN PINION ASSEMBLY	1	
7	93306-20310-00	BEARING	1	
8	3L5-17537-00-00	SHIM, THRUST	1	
9	3L5-17442-00-00	COLLAR, DISTANCE	1	
10	90149-45134-00	SCREW	1	
11	93102-15267-00	OIL SEAL	1	



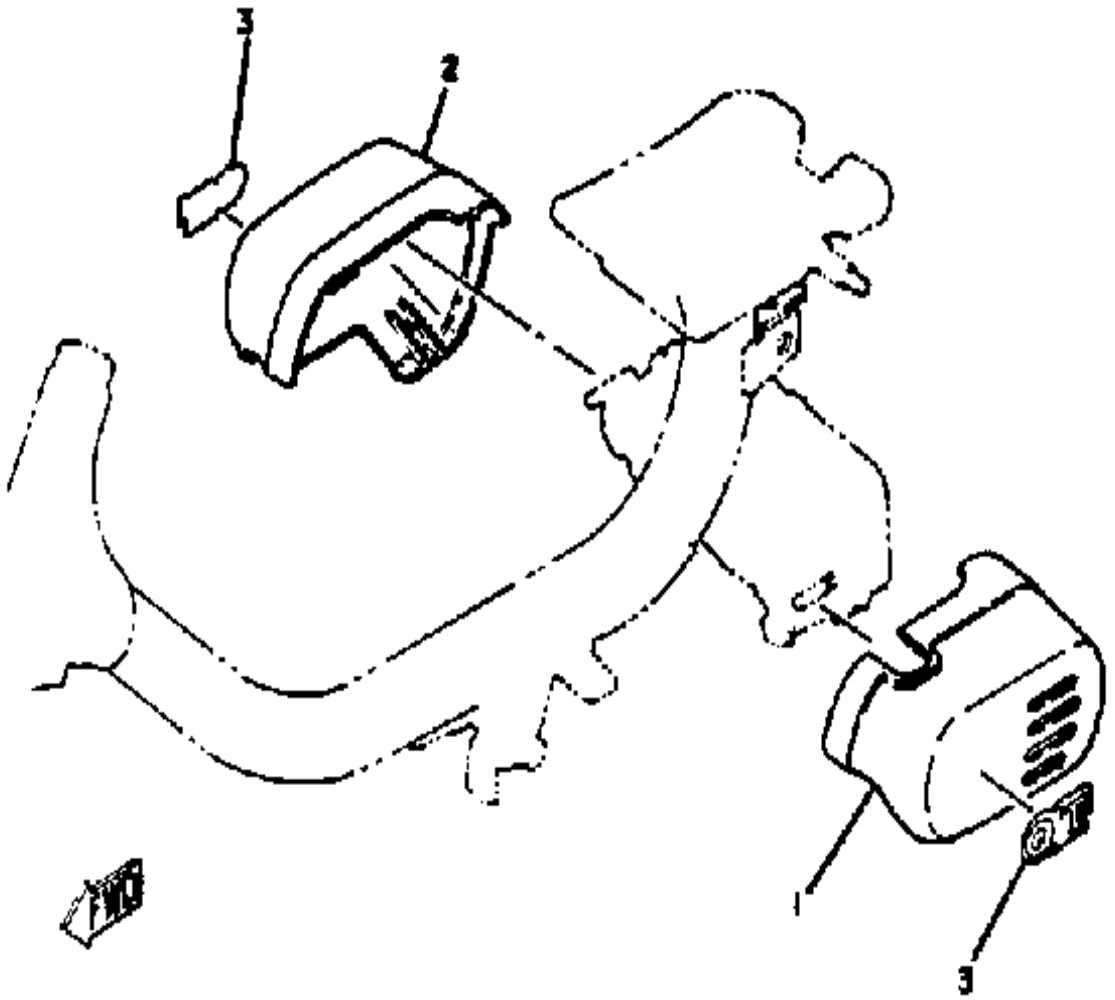
FRAME

Ref. No.	Part Number	Description	Qty	Remarks
1	(3L5-21110-00-33)	FRAME	1	U.R. YAMAHA BLACK
	(5U9-21110-00-5F)	FRAME	1	U.R. MAXIM YELLOW
	(5U9-21110-00-66)	FRAME	1	U.R. SUNSHINE RED
	5U9-21110-00-4G	FRAME	1	U.R. MAJOLICA BLUE
2	90105-10130-00	BOLT, WASHER BASED	1	
3	95601-10200-00	NUT, SELF-LOCKING	1	
4	3L5-21359-00-00	BRACKET, COIL	1	
5	2T4-26288-01-00	GROMMET, CABLE	2	
6	3L8-2118E-01-00	EMBLEM 1	2	
7	3L8-2118F-00-00	EMBLEM 2	1	
	3L8-2118F-00-00	EMBLEM 2	1	U.R. YAMAHA BLACK
8	3L8-23395-00-00	EMBLEM	1	



FENDER

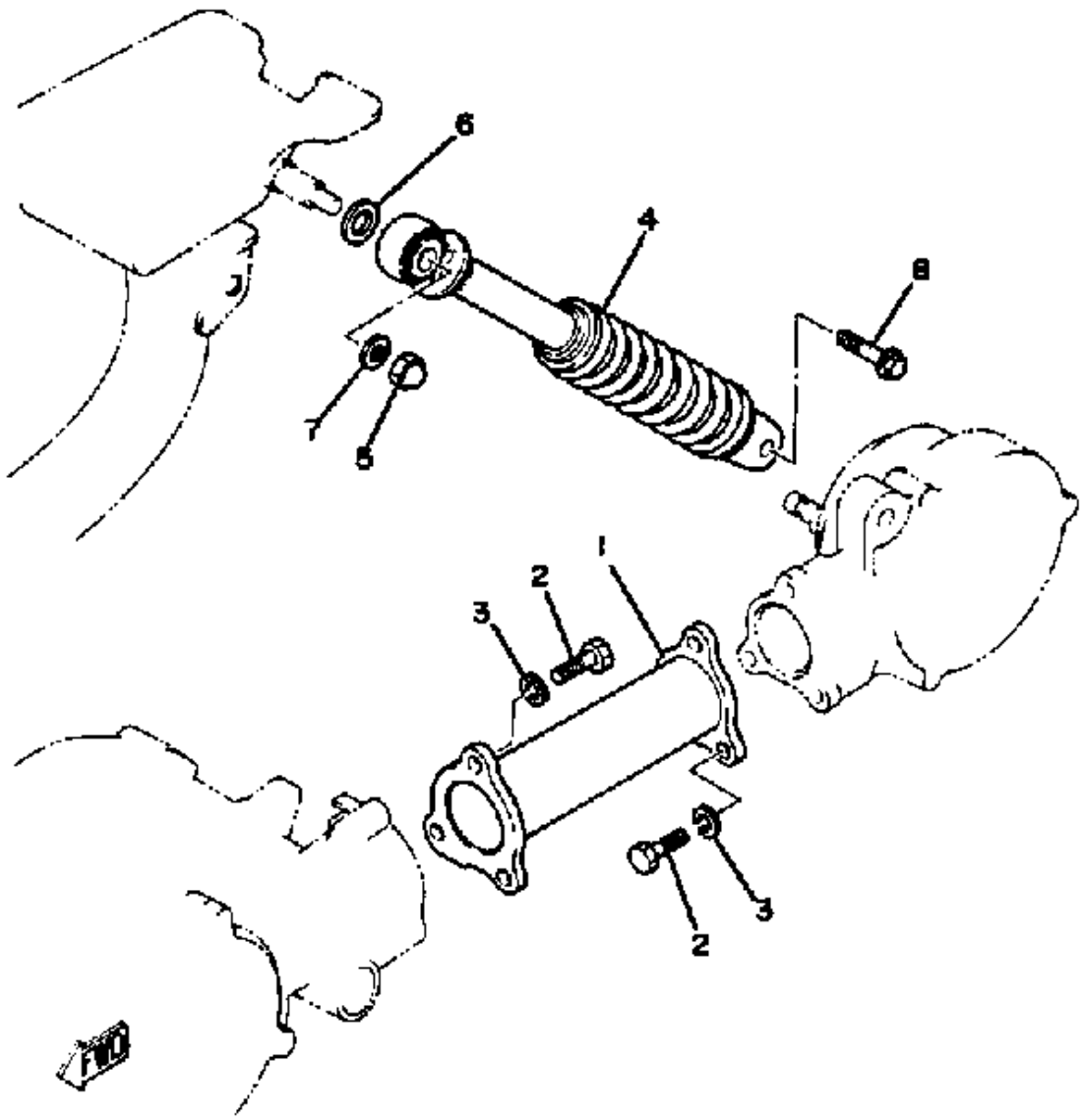
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-21511-00-00	FENDER, FRONT	1	MELLOW WHITE
2	3L5-21513-00-00	STAY, FENDER 1	2	
3	3L5-21521-00-00	FLAP, FRONT FENDER	1	
4	90159-05088-00	SCREW, W/WASHER	4	
5	98580-06012-00	SCREW, PAN HEAD	4	
6	92995-06100-00	WASHER, SPRING	4	
7	2T4-21518-01-00	HOLDER, CABLE	1	
8	3L5-21611-00-00	FENDER, REAR	1	MELLOW WHITE
9	90387-06681-00	COLLAR	1	
10	3L5-21614-00-00	STAY, FENDER 2	1	
11	90159-05088-00	SCREW, W/WASHER	2	
12	90105-06138-00	BOLT, WASHER BASED	1	
13	97011-06025-00	BOLT (97001-06025)	1	



SIDE COVER

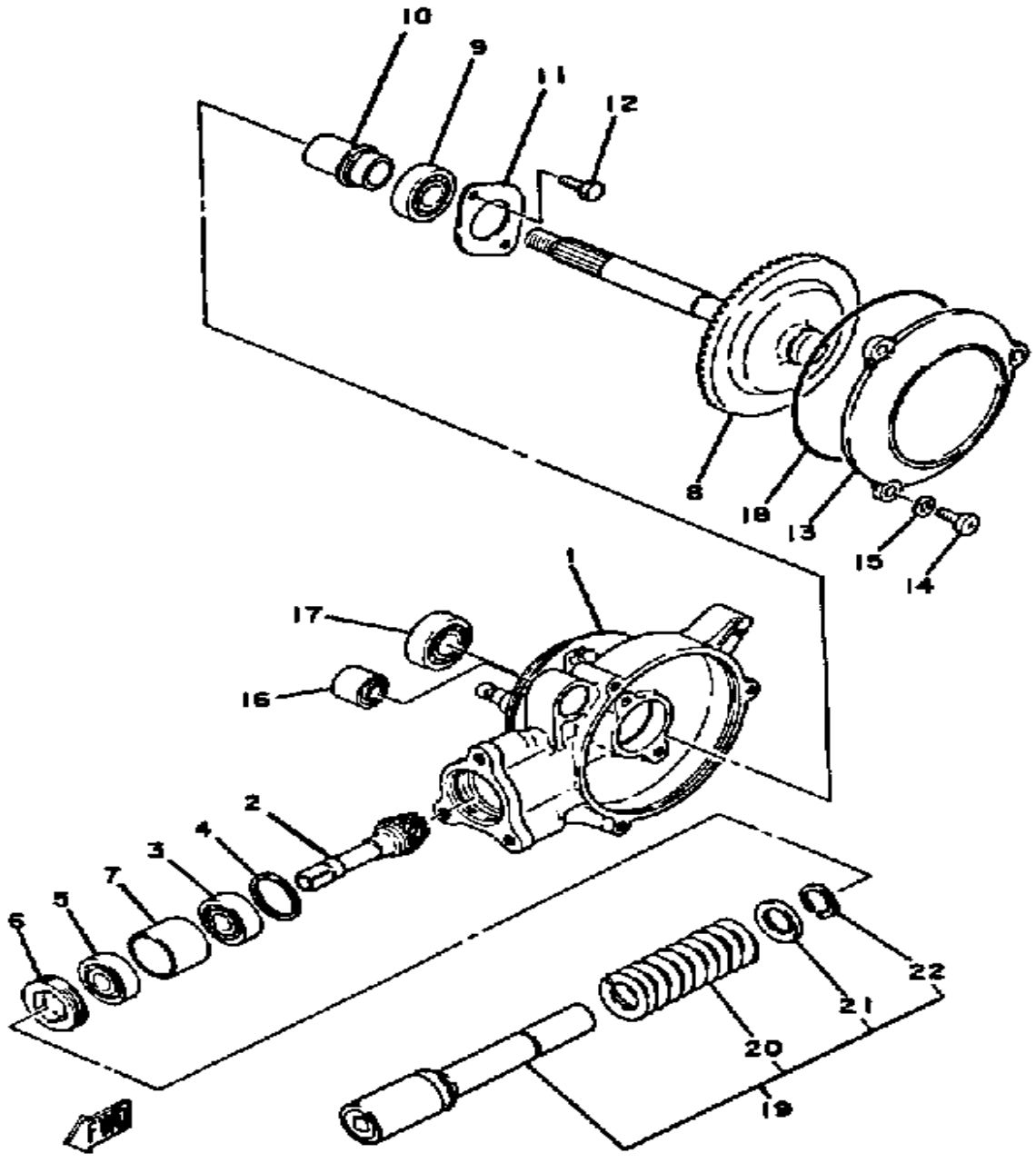
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-21711-30-00	COVER, SIDE 1	1	U.R. MAJOLICA BLUE
	3L5-21711-50-00	COVER, SIDE 1	1	U.R. MAXIM YELLOW
	3L8-21711-00-00	COVER, SIDE 1	1	U.R. SUNSHINE RED
	3L8-21711-10-00	COVER, SIDE 1	1	U.R. YAMAHA BLACK
2	3L5-21721-30-00	COVER, SIDE 2	1	U.R. MAJOLICA BLUE
	3L5-21721-50-00	COVER, SIDE 2	1	MAXIM YELLOW
	3L8-21721-00-00	COVER, SIDE 2	1	U.R. SUNSHINE RED
	3L8-21721-10-00	COVER, SIDE 2	1	U.R. YAMAHA BLACK
3	3L8-21781-00-00	EMBLEM 1	2	MY
	3L8-21781-10-00	EMBLEM 1	2	U.R. YAMAHA BLACK

SWING ARM SUSPENSION



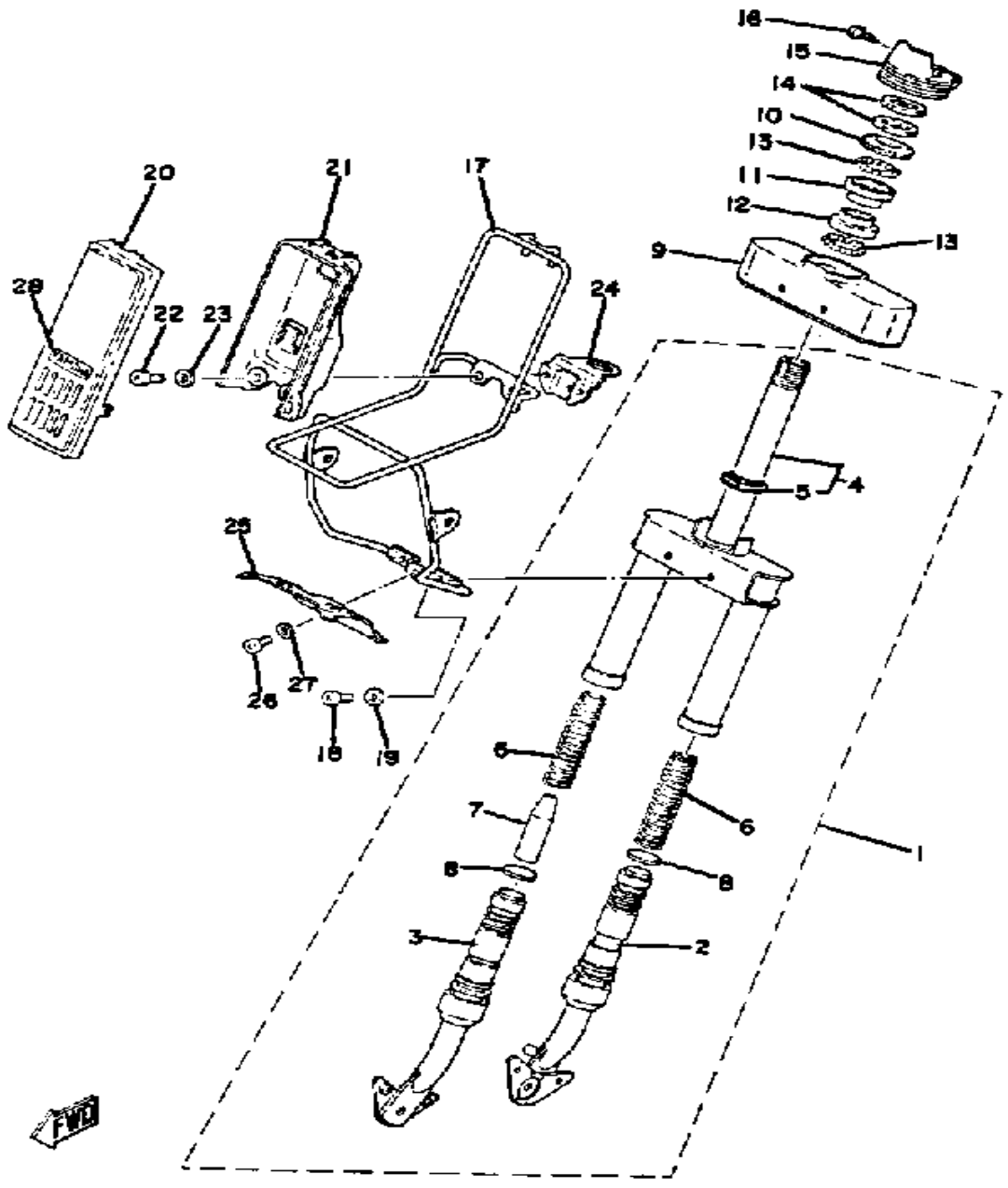
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-22110-00-35	REAR ARM	1	SILVER
2	90101-08461-00	BOLT	6	
3	92990-08100-00	WASHER	6	
4	5U9-22210-00-00	SHK/ABS ASSEMBLY, REARREAR	1	
5	90176-08023-00	NUT, CROWN (YF6-26335-42-82)	1	
6	90201-12190-00	WASHER, PLATE	1	
7	90201-08753-00	WASHER, PLATE	1	
8	90105-08121-00	BOLT, WASHER BASED	1	

DRIVE SHAFT



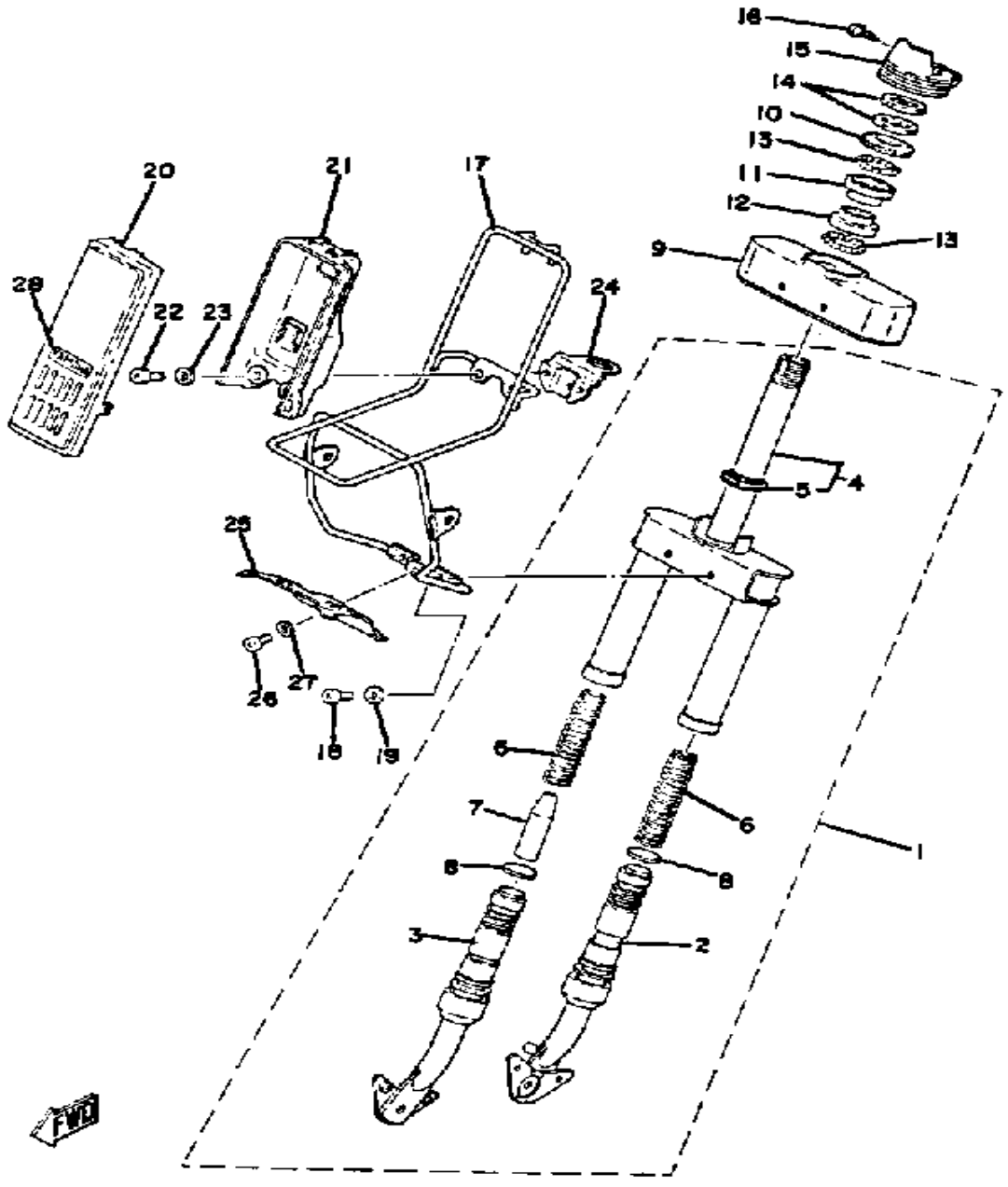
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-46151-00-00	HOUSING, DR SHAFT	1	
2	15L-46121-00-00	GEAR, DRIVE PINIONPINION (10T) 0 0	1	
	15L-46121-00-00	GEAR, DRIVE PINIONPINION (10T) 0 0	1	46575
3	93306-20111-00	BEARING (B6201)	1	
4	3L5-46127-00-00	SHIM, DRIVE PINION	1	
5	93306-20110-00	BEARING (B6201)	1	U.R.
	93306-20111-00	BEARING (B6201)	1	U.R.
6	90149-35133-00	SCREW	1	
7	90560-25185-00	SPACER	1	
8	3L5-46110-00-00	RING GEAR ASSEMBLY	1	
9	93306-20209-00	BEARING (B6202)	1	U.R.
10	90560-15315-00	SPACER	1	
11	3L5-46114-00-00	PLATE, COVER	1	
12	97313-06016-00	BOLT, HEXAGON	2	
13	15L-46154-00-00	COVER, HOUSING (3L5-46154-02) 0 0	1	46575
14	98503-06014-00	SCREW, PAN HEAD (92502-06016)	3	
15	90201-061A5-00	WASHER, PLATE	3	
16	164-22216-00-00	BUSH, REAR SHOCK ABSORBER	1	
17	93306-20226-00	BEARING	1	
18	93211-05393-00	O-RING	1	
19	15L-46171-00-00	SHAFT DRIVE ASSEMBLY (3L5-46171-00)	1	
20	90501-60556-00	. SPRING, COMPRESSION	1	
21	15L-18473-00-00	. RETAINER, SPRING	1	
22	93440-17138-00	. CIRCLIP	1	

FRONT FORK



Ref. No.	Part Number	Description	Qty	Remarks
1	4K6-23100-01-33	FRONT FORK ASSEMBLY	1	U.R. YAMAHA BLACK
	4K6-23100-02-26	FRONT FORK ASSEMBLY	1	U.R. MAXIM YELLOW
	4K6-23100-02-4G	FRONT FORK ASSEMBLY	1	U.R. MAJOLICA BLUE
	4K6-23100-02-66	FRONT FORK ASSEMBLY	1	U.R. SUNSHINE RED
2	3L5-23110-00-00	. INNER TUBE 1	1	
3	3L5-23120-00-00	. INNER TUBE 2	1	
4	3L5-23340-00-5F	UNDER BRACKET	1	U.R. MAXIM YELLOW
	4K6-23340-01-33	UNDER BRACKET	1	U.R. YAMAHA BLACK
	4K6-23340-01-4G	. UNDER BRACKET-COMP ...	1	U.R. MAJOLICA BLUE
	4K6-23340-01-66	. UNDER BRACKET-COMP ...	1	U.R. SUNSHINE RED
5	3YJ-23414-00-00	. . RACE, BALL 4	1	
6	3L5-23141-01-00	. SPRING, FRONT FORK	2	
7	3L5-23195-00-00	. RUBBER	1	
8	2E9-23143-00-00	. SEAT, SPRING LOWER	2	
9	(3L5-23311-60-00)	PANEL, OUTER 1	1	MAXIM YELLOW
	3L5-23311-30-00	PANEL, OUTER 1	1	U.R. MAJOLICA BLUE
	3L8-23311-00-00	PANEL, OUTER 1	1	U.R. SUNSHINE RED
	4K6-23311-61-00	PANEL, OUTTER	1	U.R. YAMAHA BLACK
10	3KJ-23411-01-00	RACE, BALL 1	1	
11	2E9-23412-00-00	RACE, BALL 2	1	
12	2E9-23413-01-00	RACE, BALL 3	1	
13	93505-32002-00	BALL	52	
14	2E9-23454-00-00	NUT, FITTING 2	2	
15	3L5-23415-00-00	COVER, BALL RACE 1	1	
16	90149-059U1-00	SCREW, PANHEAD (97701-50516)	1	
17	3L8-24841-00-00	CARRIER, FRONT	1	
18	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	

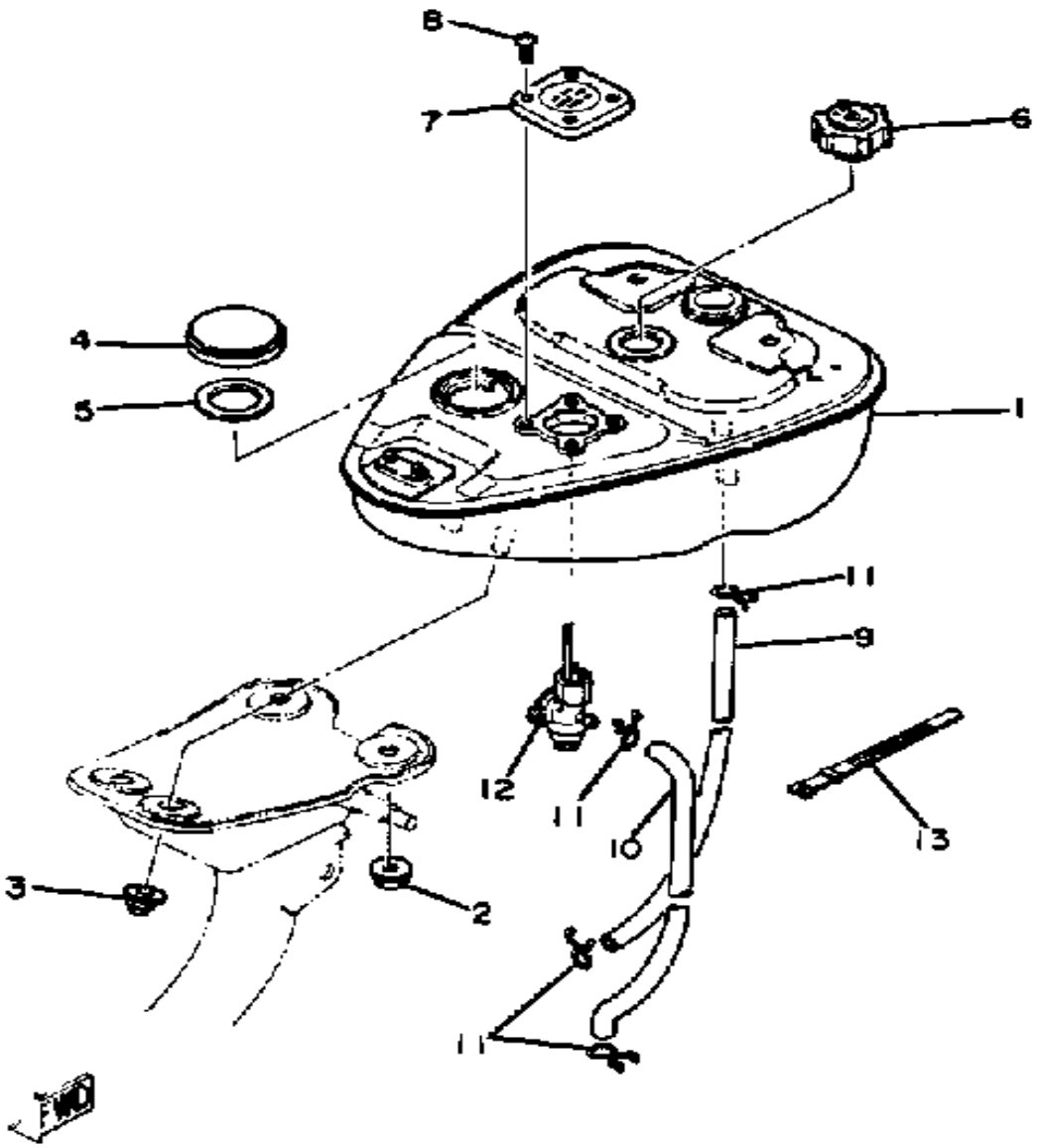
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FRONT FORK

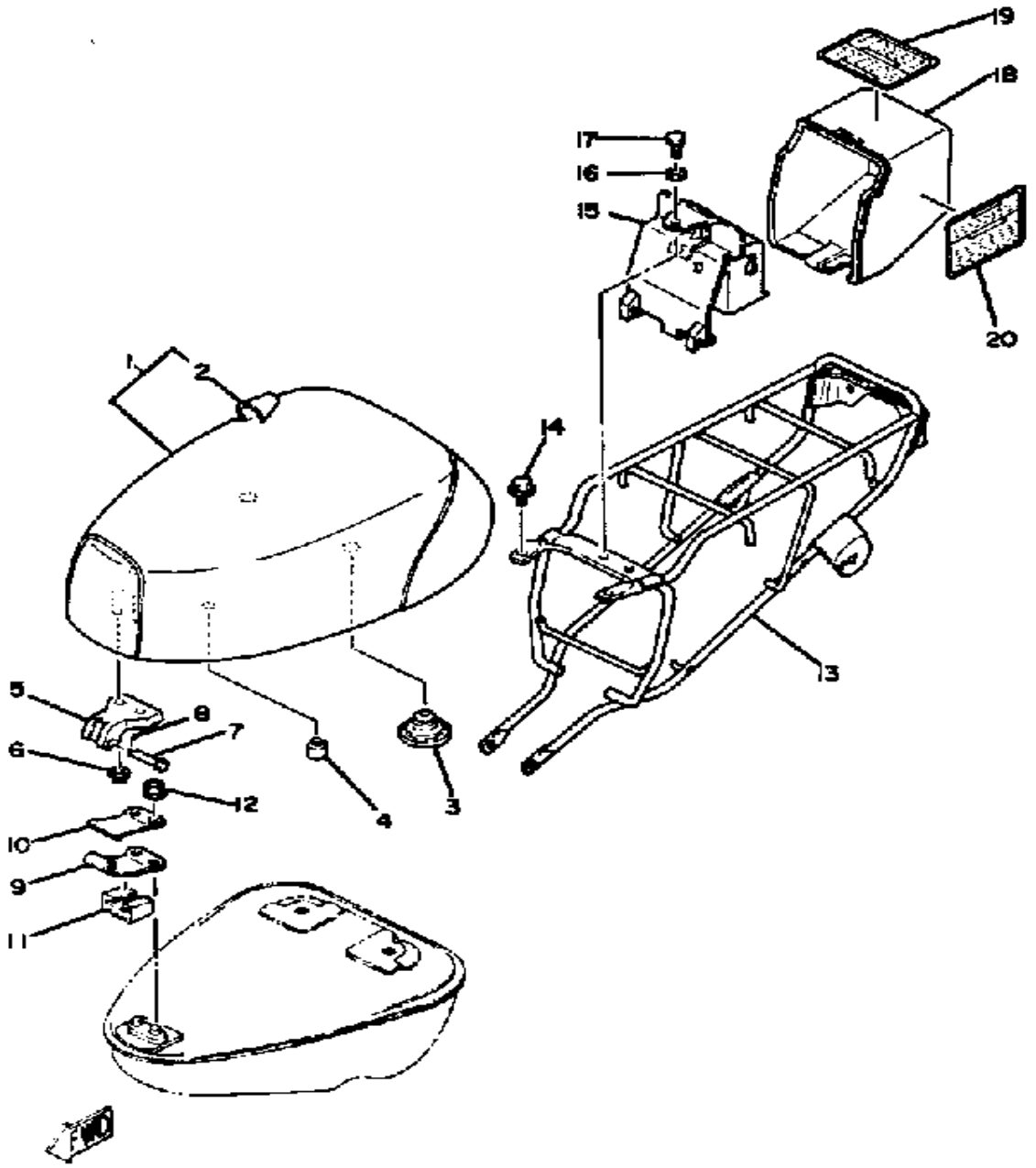
Ref. No.	Part Number	Description	Qty	Remarks
19	90201-061A5-00	WASHER, PLATE	2	
20	3L8-23391-00-00	PANEL, FRONT	1	
21	3L8-23397-00-00	PANEL, FRONT 2	1	
22	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
23	90201-061A5-00	WASHER, PLATE	2	
24	3L5-24832-00-00	BRACKET, CARRIER 1	1	
25	(3L5-21543-50-00)	PLATE 1	1	U.R. MAXIM YELLOW
	(3L8-21543-10-00)	PLATE 1	1	U.R. YAMAHA BLACK
	3L5-21543-30-00	PLATE 1	1	U.R. MAJOLICA BLUE
	3L8-21543-00-00	PLATE 1	1	U.R. SUNSHINE RED
26	98580-06012-00	SCREW, PAN HEAD	1	
27	92990-06200-00	WASHER	1	
28	3L8-23395-00-00	EMBLEM	1	

FUEL TANK



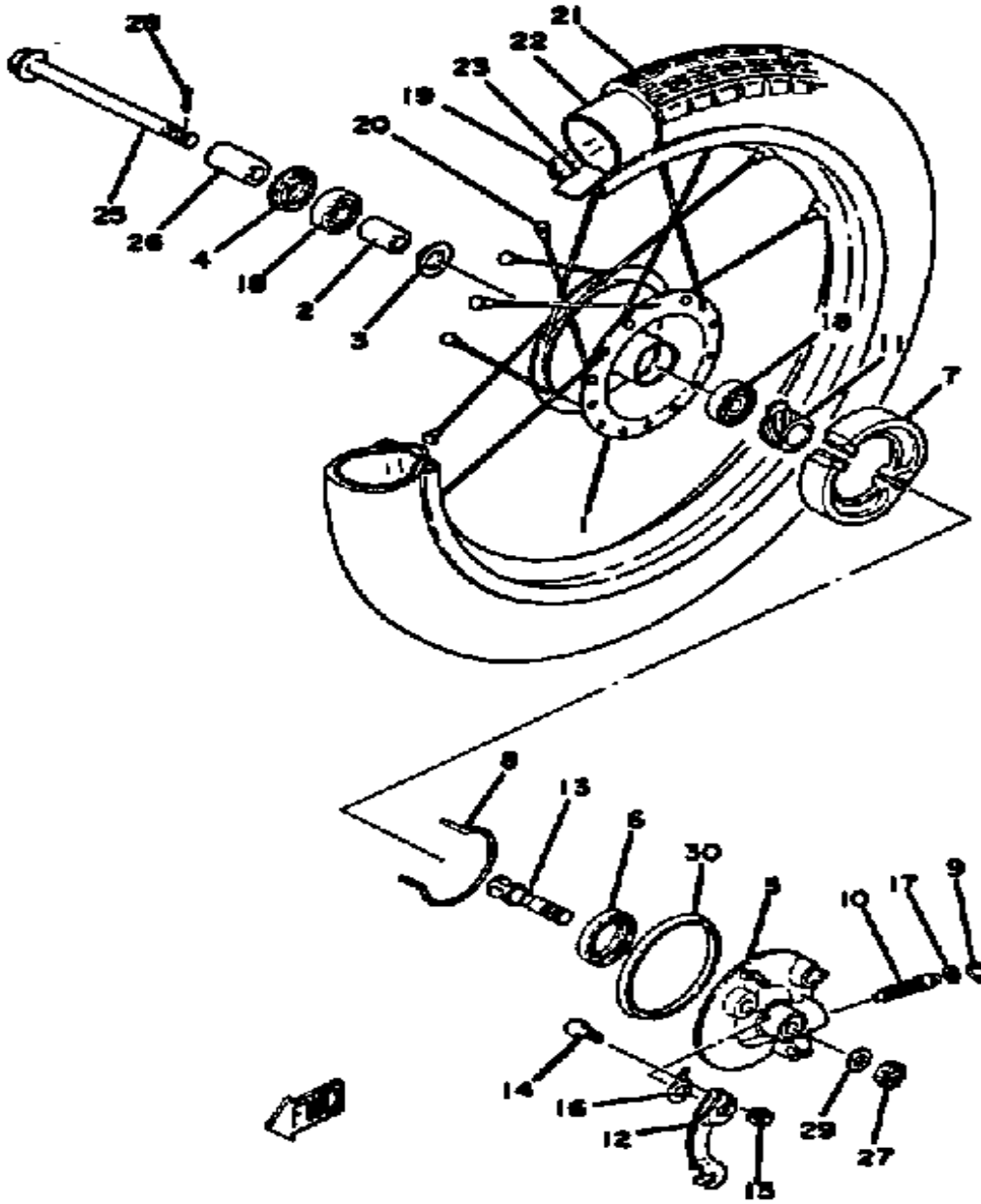
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-24110-01-33	FUEL TANK	1	U.R. YAMAHA BLACK
	3L5-24110-01-4G	FUEL TANK	1	U.R. MAJOLICA BLUE
	3L5-24110-01-5F	FUEL TANK	1	U.R. MAXIM YELLOW
	3L5-24110-01-66	FUEL TANK	1	U.R. SUNSHINE RED
2	95701-08500-00	NUT, FLANGE	2	
3	90176-08025-00	NUT, CROWN	2	
4	22F-24610-10-00	CAP ASSEMBLY	1	
5	296-24612-00-00	GASKET, CAP	1	
6	52W-21770-00-00	OIL TANK CAP ASSEMBLY	1	
7	3L8-24610-00-00	CAP ASSEMBLY	1	
8	90119-05071-00	BOLT, WITH WASHER	4	
9	90445-09304-00	HOSE	1	
10	3L5-24311-00-00	PIPE, FUEL 1	1	
11	90467-08003-00	CLIP	4	
12	4L4-24500-00-00	FUEL COCK ASSEMBLY 1	1	
13	437-83936-01-00	BAND, SWITCH CORD	1	

SEAT



Ref. No.	Part Number	Description	Qty	Remarks
1	3L8-W2471-00-00	SINGLE SEAT ASSEMBLY . . .	1	
2	3L8-24711-00-00	. COVER, SINGLE SEAT	1	
3	3L8-24724-00-00	DAMPER, SEAT	2	
4	278-27114-00-00	STOPPER, MAIN STAND	2	
5	3L5-24726-00-00	HINGE, SEAT	1	
6	95701-06500-00	NUT, FLANGE	2	
7	91701-08035-00	PIN, CLEVIS	1	
8	90468-12006-00	CLIP	1	
9	3L5-24783-00-00	SPRING, CUSHION	1	
10	3L5-24781-00-00	SUPPORT, SPRING 1	1	
11	3L5-24714-00-00	STOPPER, CUSHION	1	
12	95701-06500-00	NUT, FLANGE	2	
13	3L8-24842-00-00	CARRIER, REAR	1	
14	95811-08012-00	BOLT, FLANGE	4	
15	3L8-21240-00-00	BOX, AIR CLEANER	1	
16	90201-06050-00	WASHER, PLATE	1	
17	97013-06012-00	BOLT	1	
18	3L8-21731-00-00	COVER, SIDE 3	1	U.R. SUNSHINE RED
	3L8-21731-20-00	COVER, SIDE 3	1	U.R. YAMAHA BLACK
	3L8-21731-30-00	COVER SIDE 3	1	U.R. MAJOLICA BLUE
	3L8-21731-40-00	COVER, SIDE 3	1	U.R. MAXIM YELLOW
19	3L8-21668-10-00	LABEL, TIRE	1	
20	5U9-2415E-00-00	LABEL, CAUTION	1	

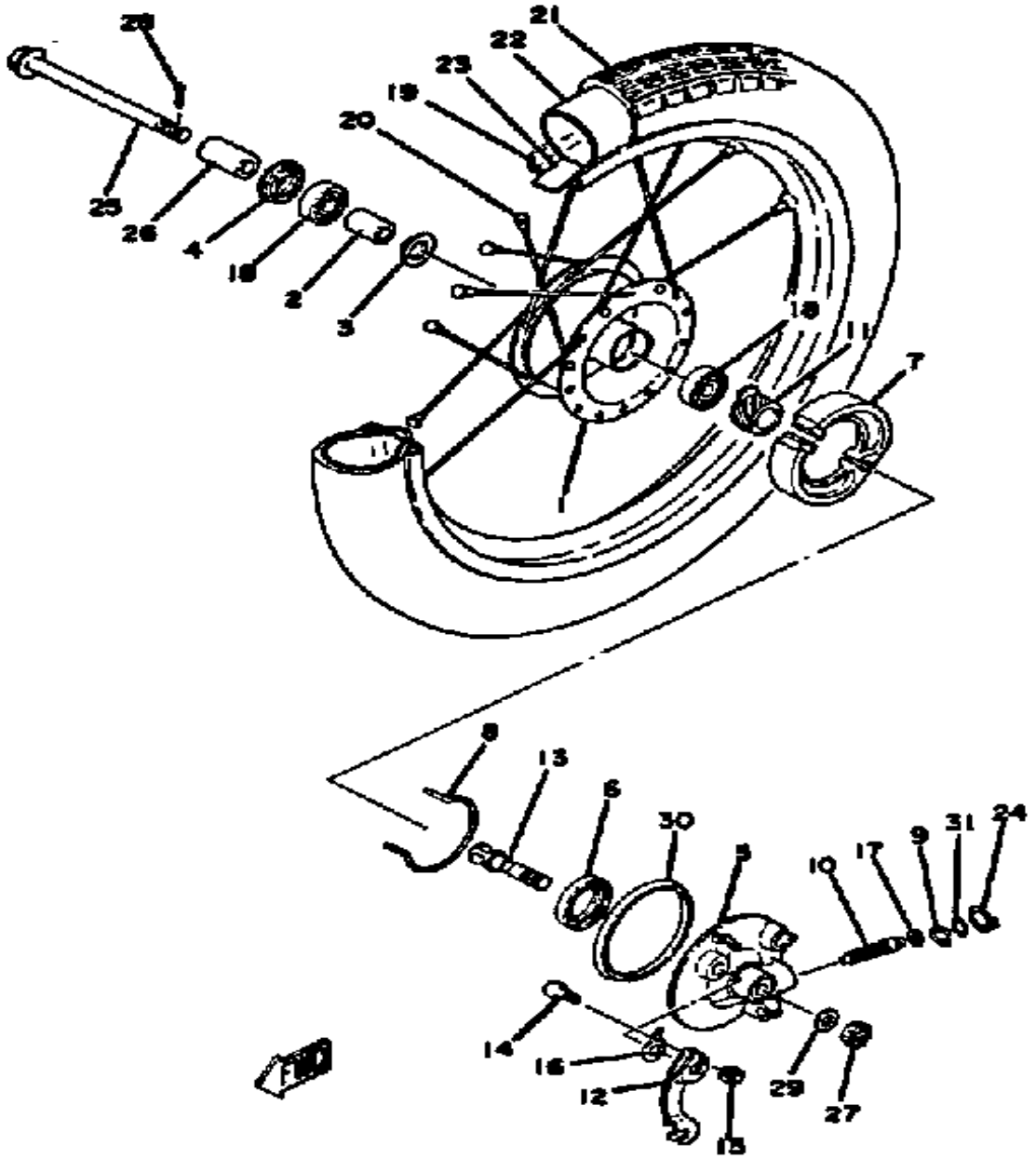
FRONT WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-25111-01-35	HUB, FRONT	1	
2	90560-10173-00	SPACER	1	
3	2E9-25116-00-00	FLANGE, SPACER 2	1	
4	93106-17015-00	OIL SEAL	1	
5	2E9-25121-01-35	PLATE, BRAKE SHOE	1	SILVER
6	93109-34057-00	OIL SEAL	1	
7	2E9-W2535-00-00	BRAKESHOE SET-2PCS	2	
8	2E9-25133-00-00	SPRING, RETURN	1	
9	2T4-25137-00-00	RING, STOP	1	
10	3L5-25138-00-00	GEAR, METER	1	
11	3L5-25135-00-00	GEAR, DRIVE	1	
12	2E9-25155-01-00	LEVER, CAMSHAFT 1	1	
13	25K-25151-00-00	CAMSHAFT	1	
14	97021-05020-00	BOLT	1	
15	95380-05600-00	NUT	1	
16	3L8-2513A-00-00	PLATE, INDICATOR	1	
17	90201-064L6-00	WASHER, PLATE	1	
18	93306-20005-00	BEARING (B6200)	2	U.R.
19	94412-14261-00	RIM 1.20X 4	1	
20	3L5-25104-01-00	SPOKE SET, FRONT	1	
21	94120-14404-00	200-14Y956WRLDTOUR	1	
22	94220-14143-00	TUBE 200X 4	1	
23	94320-14096-00	BAND, RIM (2.00-14)	1	
24	2E9-25137-01-00	RING, STOP	1	
25	2E9-25181-00-00	AXLE, WHEEL	1	
26	90387-10620-00	COLLAR	1	
27	90171-10004-00	NUT, CASTLE	1	
28	91490-20020-00	PIN, COTTER	1	
29	92990-10200-00	WASHER, PLAIN	1	

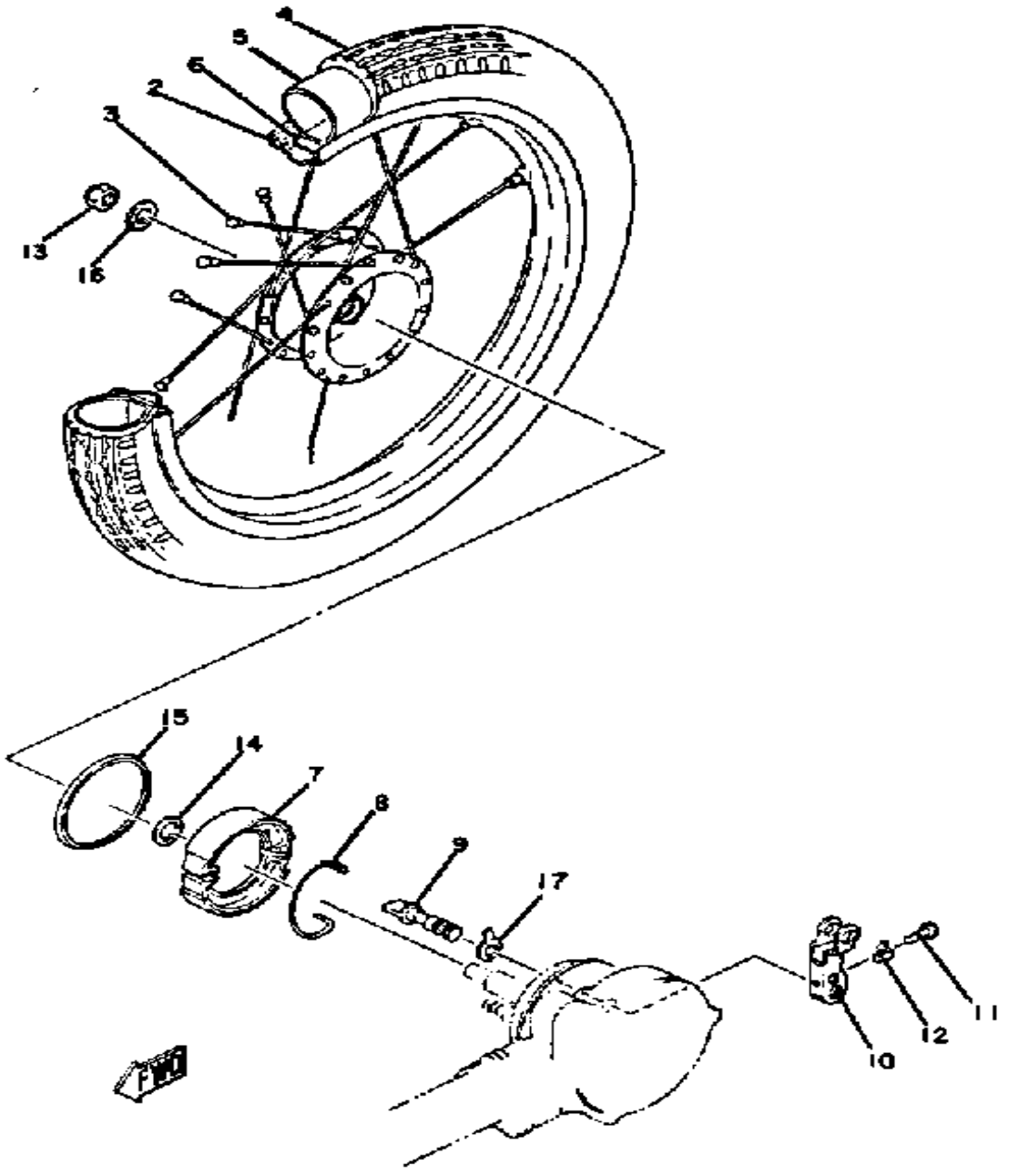
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FRONT WHEEL



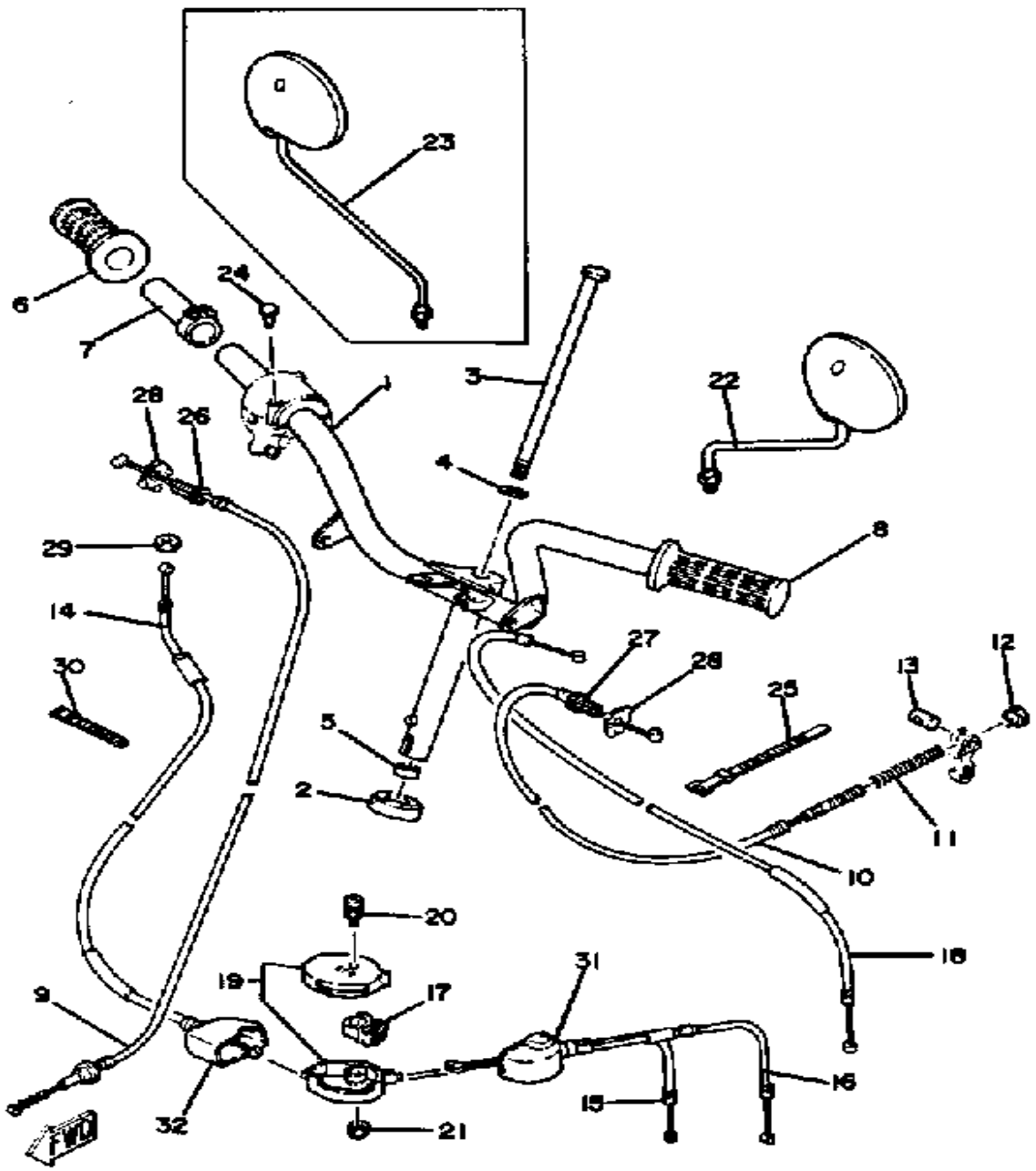
Ref. No.	Part Number	Description	Qty	Remarks
30	3L5-25185-00-00	RING 1	1	
31	93210-10096-00	O-RING	1	

REAR WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-25311-01-35	HUB, REAR	1	
2	94412-14261-00	RIM 1.20X 4	1	
3	3L5-25104-01-00	SPOKE SET, FRONT	1	
4	94122-14461-00	225X14 IRC REAR	1	
5	94220-14143-00	TUBE 200X 4	1	
6	94320-14096-00	BAND, RIM (2.00-14)	1	
7	2E9-W2535-00-00	BRAKESHOE SET-2PCS	2	
8	2E9-25133-00-00	SPRING, RETURN	1	
9	3L5-25351-00-00	CAMSHAFT	1	
10	3L5-25355-00-00	LEVER, CAMSHAFT	1	
11	90101-05396-00	BOLT	1	
12	2E9-25412-00-00	WASHER	1	
13	90185-12080-00	NUT, SELF-LOCKING	1	
14	90201-154E8-00	WASHER, PLATE (1.0T)	1	
15	3L5-25336-01-00	RING 2	1	
16	90201-12699-00	WASHER, PLATE	1	
17	3L8-2513A-00-00	PLATE, INDICATOR	1	

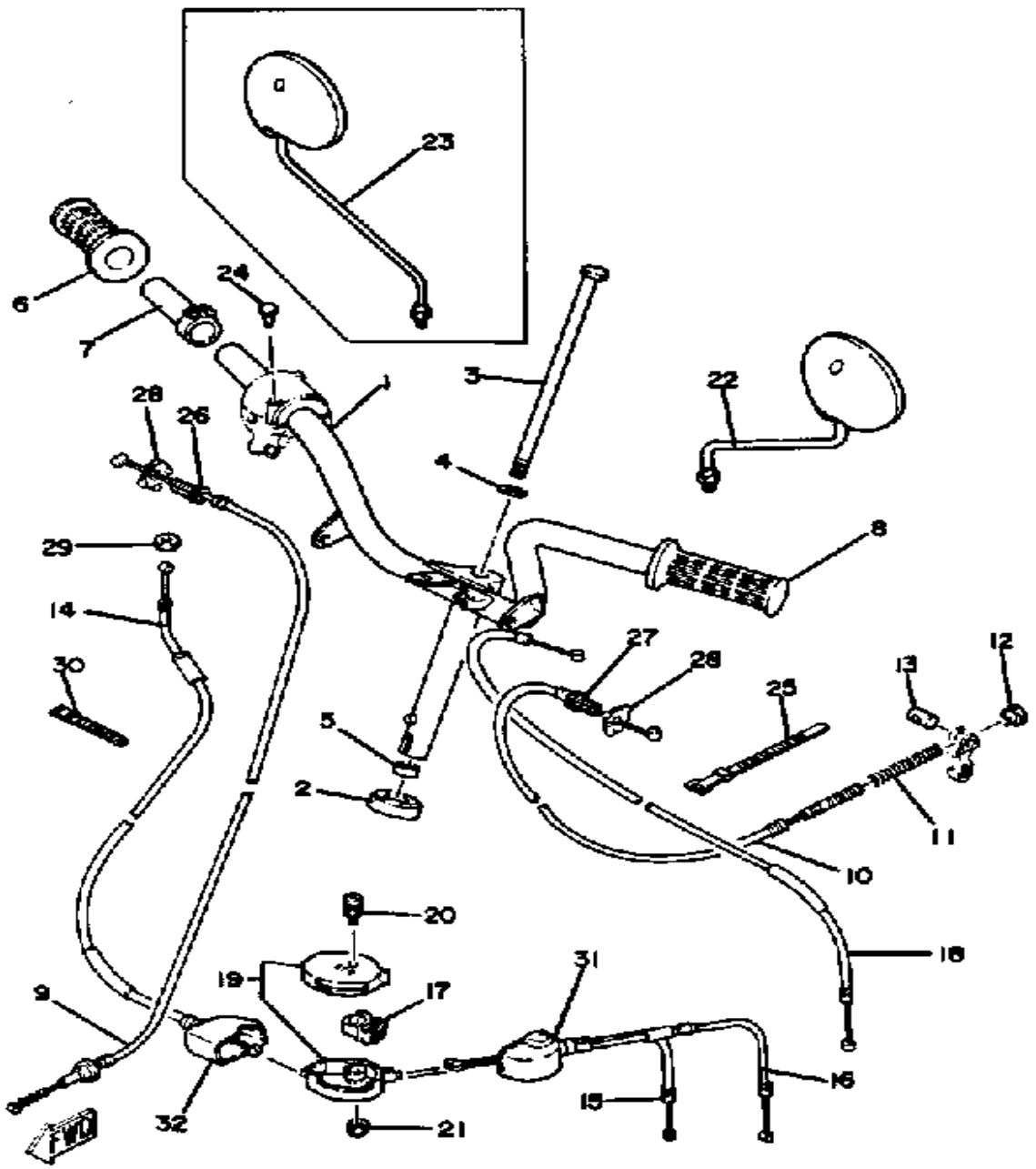
HANDLEBAR - CABLE



Ref. No.	Part Number	Description	Qty	Remarks
1	3L8-26110-00-00	HANDLEBAR	1	
2	3L5-23191-00-00	BOOT, FRONT FORK	1	
3	90106-08035-00	BOLT, DOME HEAD	1	
4	90201-08772-00	WASHER, PLATE	1	
5	2E9-26128-00-00	CONE, EXPANDER	1	
6	353-26242-00-00	GRIP RH	1	
7	3T5-26243-00-00	TUBE, THRTL GUIDE	1	
8	353-26241-00-00	GRIP LH	1	
9	3L8-26341-00-00	CABLE, BRAKE	1	
10	3L8-26351-00-00	CABLE, BRAKE	1	
11	90501-10074-00	SPRING, COMPRESSION	1	
12	90179-06411-00	NUT	1	
13	90249-12008-00	PIN	1	
14	3L8-26311-01-00	CABLE, THROTTLE 1	1	
15	3L5-26312-00-00	CABLE, THROTTLE 2	1	UR 5180100
	5U9-26312-01-00	CABLE, THROTTLE 2	1	UR 1801015
16	3L5-26321-00-00	CABLE, PUMP	1	
17	2E9-26263-01-00	PIECE, CONNECTING	1	
18	3L8-26331-01-00	CABLE, STARTER 1	1	
19	2T4-26270-00-00	CBLE CONCT CAP ASSEMBLYASSY	1	
20	90159-05029-00	SCREW, WITH WASHER	1	
21	90176-05024-00	NUT, CROWN	1	
22	1Y0-26290-10-00	MIRROR ASSEMBLY LH	1	
23	1Y0-26290-00-00	MIRROR ASSEMBLY RH	1	ALT. PART
24	90338-07011-00	PLUG, SPEC''L SHAPE	1	
25	437-83936-01-00	BAND, SWITCH CORD	1	
26	90123-08046-00	BOLT	1	
27	90123-08013-00	BOLT	1	

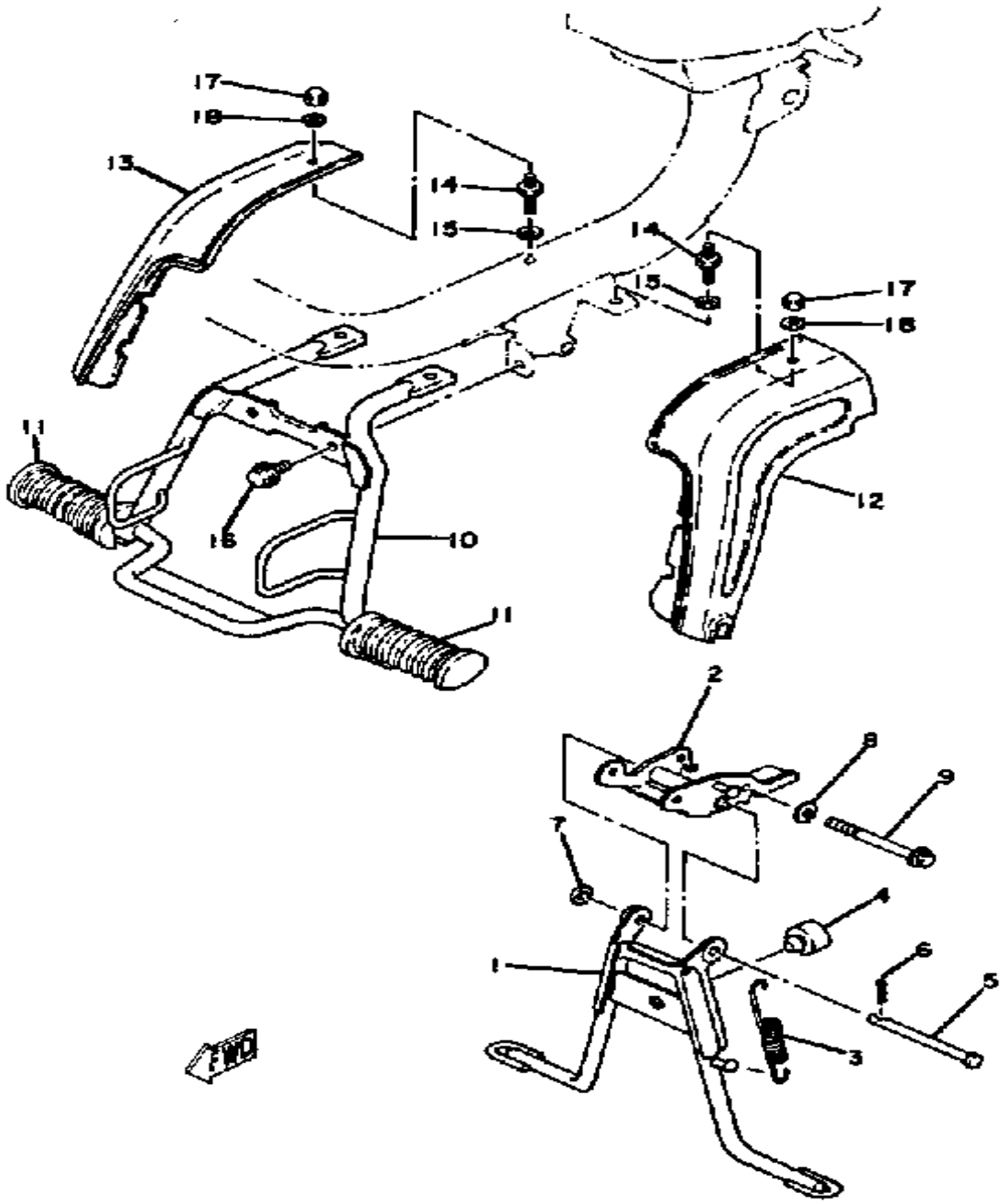
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HANDLEBAR - CABLE



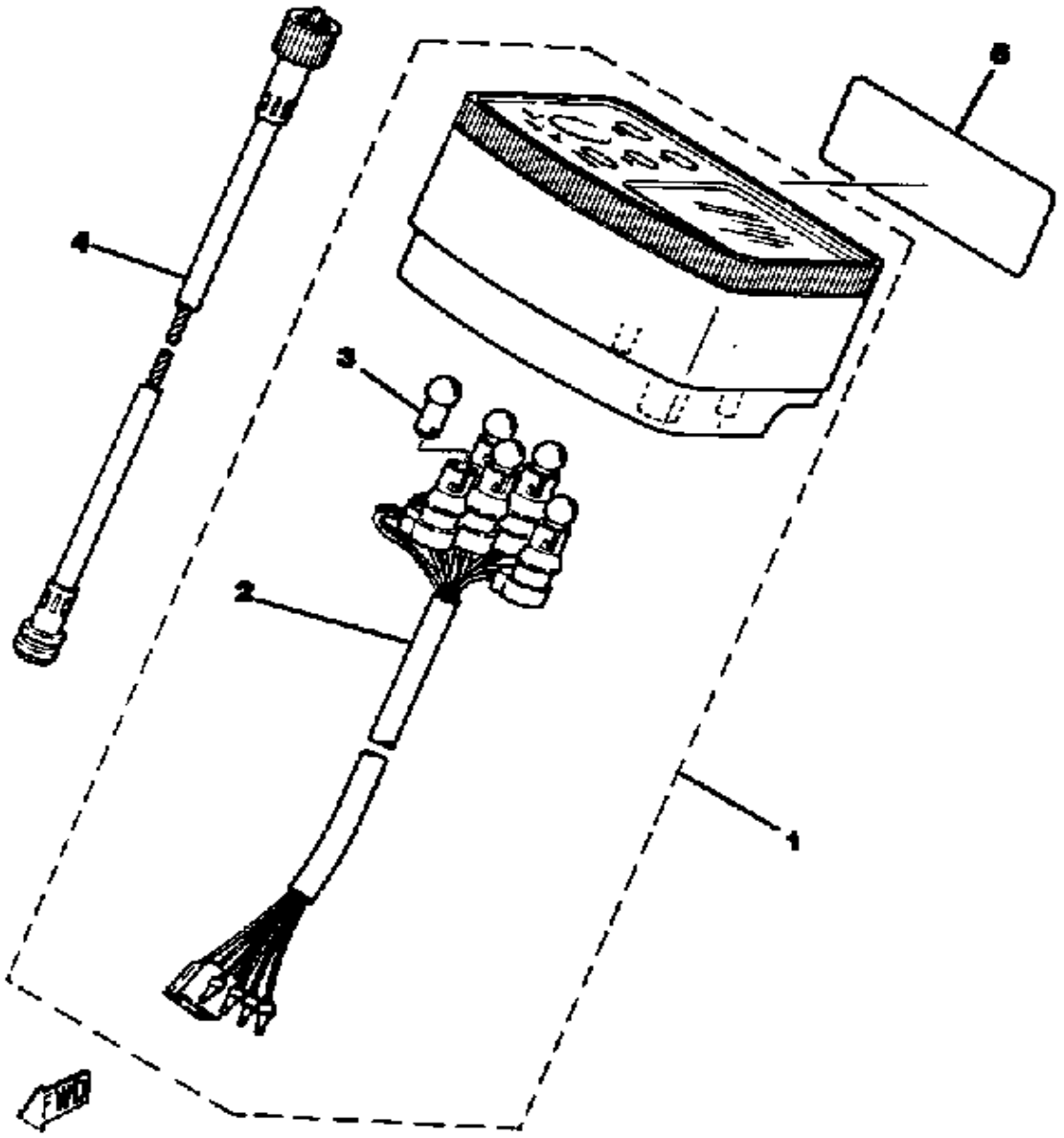
Ref. No.	Part Number	Description	Qty	Remarks
28	90179-08316-00	NUT	2	
29	90170-10038-00	NUT, HEXAGON	1	
30	J45-83936-00-00	BAND, SWITCH CORD	2	

STAND - FOOTREST



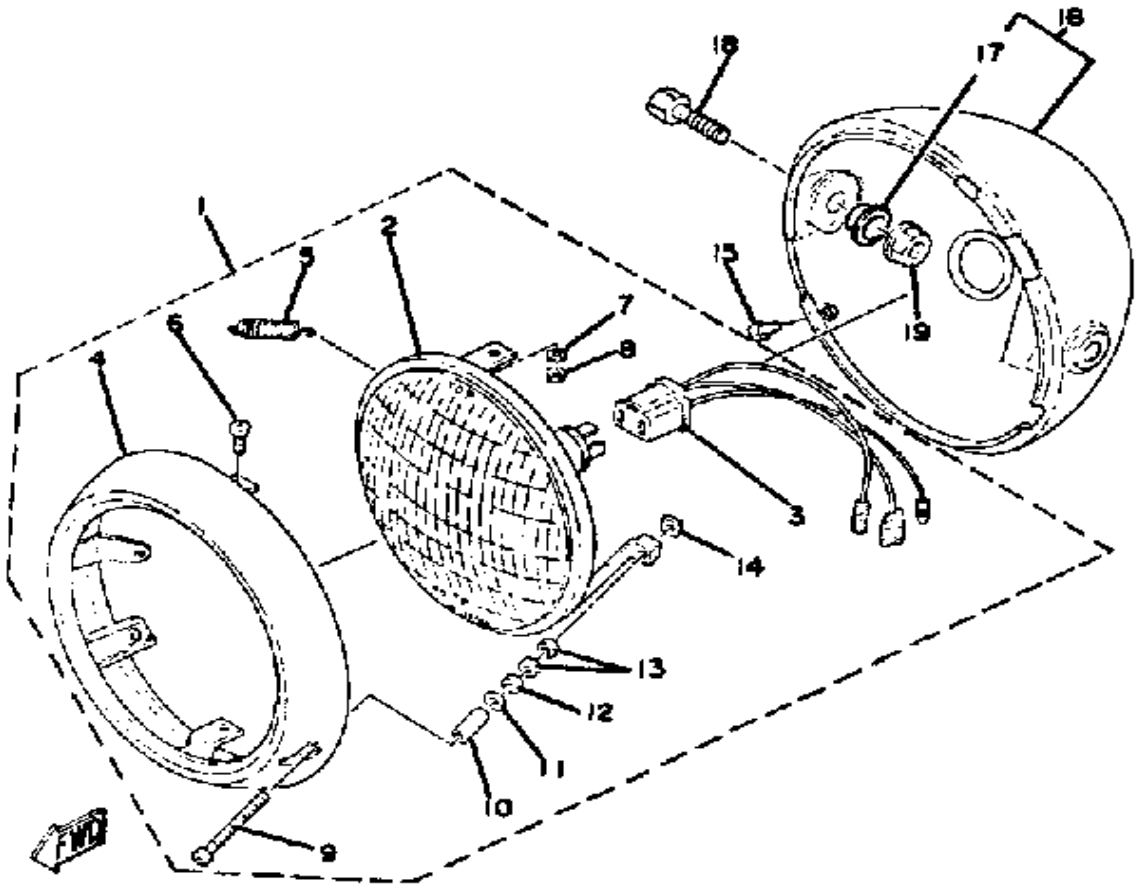
Ref. No.	Part Number	Description	Qty	Remarks
1	4K6-27111-00-33	STAND, MAIN	1	YAMAHA BLK
2	4K6-27151-00-00	BRACKET, MAIN STAND	1	
3	90506-29052-00	SPRING, TENSION	1	
4	278-27114-00-00	STOPPER, MAIN STAND	1	
5	91701-08080-00	PIN, CLEVIS	1	
6	90468-12006-00	CLIP	1	
7	92901-08600-00	WASHER	1	
8	90201-08104-00	WASHER, PLATE	1	
9	90105-06301-00	BOLT, WASHER BASED	1	
10	3L5-27411-01-33	FOOTREST 1	1	YAMAHA BLK
11	441-27413-01-00	COVER, FOOTREST	2	
12	3L5-27453-00-00	COVER, FOOTREST 1	1	
13	3L5-27463-00-00	COVER, FOOTREST 2	1	
14	90109-08528-00	BOLT	2	
15	92901-08600-00	WASHER	2	
16	95811-08016-00	BOLT, FLANGE	2	
17	95303-06800-00	NUT (CROWN)	2	
18	92990-06200-00	WASHER	2	

METER



Ref. No.	Part Number	Description	Qty	Remarks
1	5U9-83510-A0-00	SPEEDOMETER ASSEMBLY . .	1	
2	(4Y9-83509-F0-00)	SOCKET CORD ASSEMBLY . .	1	
3	122-83516-10-00	. BULB (122-83516-10)	5	
4	53L-83550-00-00	SPEEDOMETER CABLE (3L5-83550-00)	1	
5	4K5-2415E-20-00	LABEL, CAUTION	1	

HEADLIGHT



Ref. No.	Part Number	Description	Qty	Remarks
1	388-84110-61-00	HEADLIGHT UNIT ASSEMBLY .	1	
2	388-84120-61-00	. LENS ASSEMBLY	1	
3	371-84312-60-00	. SOCKET	1	
4	261-84315-61-00	. RIM, HEADLIGHT	1	
5	(132-84335-60-00)	SPRING	1	
6	98580-04010-00	. SCREW, PAN HEAD	2	
7	92901-04600-00	WASHER, PLATE	2	
8	95301-04700-00	. NUT (95302-04700)	2	
9	(198-84331-60-00)	SCREW, RIM ADJUSTING	1	
10	233-84133-60-00	. COLLAR, SCREW	1	
11	92990-04200-00	. WASHER, PLAIN	1	
12	132-84328-60-00	. SPACER	1	
13	95301-04700-00	. NUT (95302-04700)	2	
14	198-84334-60-00	. NUT, ADJUSTING	1	
15	90152-05005-00	SCREW, COUNTERSUNK	1	
16	(393-84130-61-33)	BODY ASSEMBLY, HEADLIGHT	1	U.R. YAMAHA BLACK
	(393-84130-61-66)	BODY ASSEMBLY, HEADLIGHT	1	U.R. SUNSHINE RED
	393-84130-61-4G	BODY ASSEMBLY, HEADLIGHT	1	U.R. MAJOLICA BLUE
	393-84130-61-5F	BODY ASSEMBLY, HEADLIGHT	1	U.R. MAXIM YELLOW
17	214-84145-60-00	. COLLAR, BODY FTNG	2	
18	90109-08534-00	BOLT	2	
19	95701-08500-00	NUT, FLANGE	2	

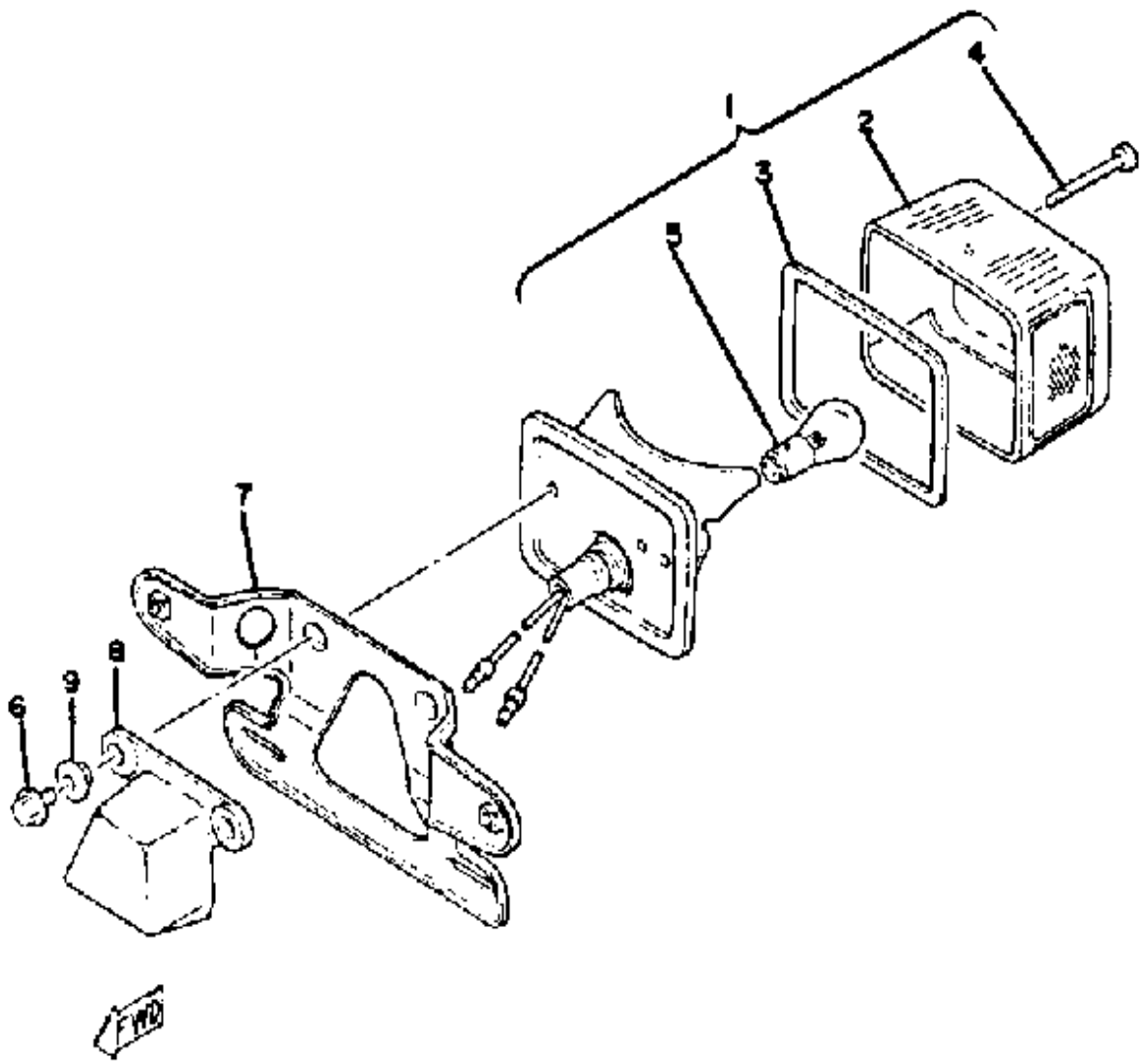
QT50S

LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V20-20W / 6V17-5.3W / 6V17W
Lighting Coil Color Code / Ω	Blu ~ Blk / 0.177Ω ± 20%

QT50T

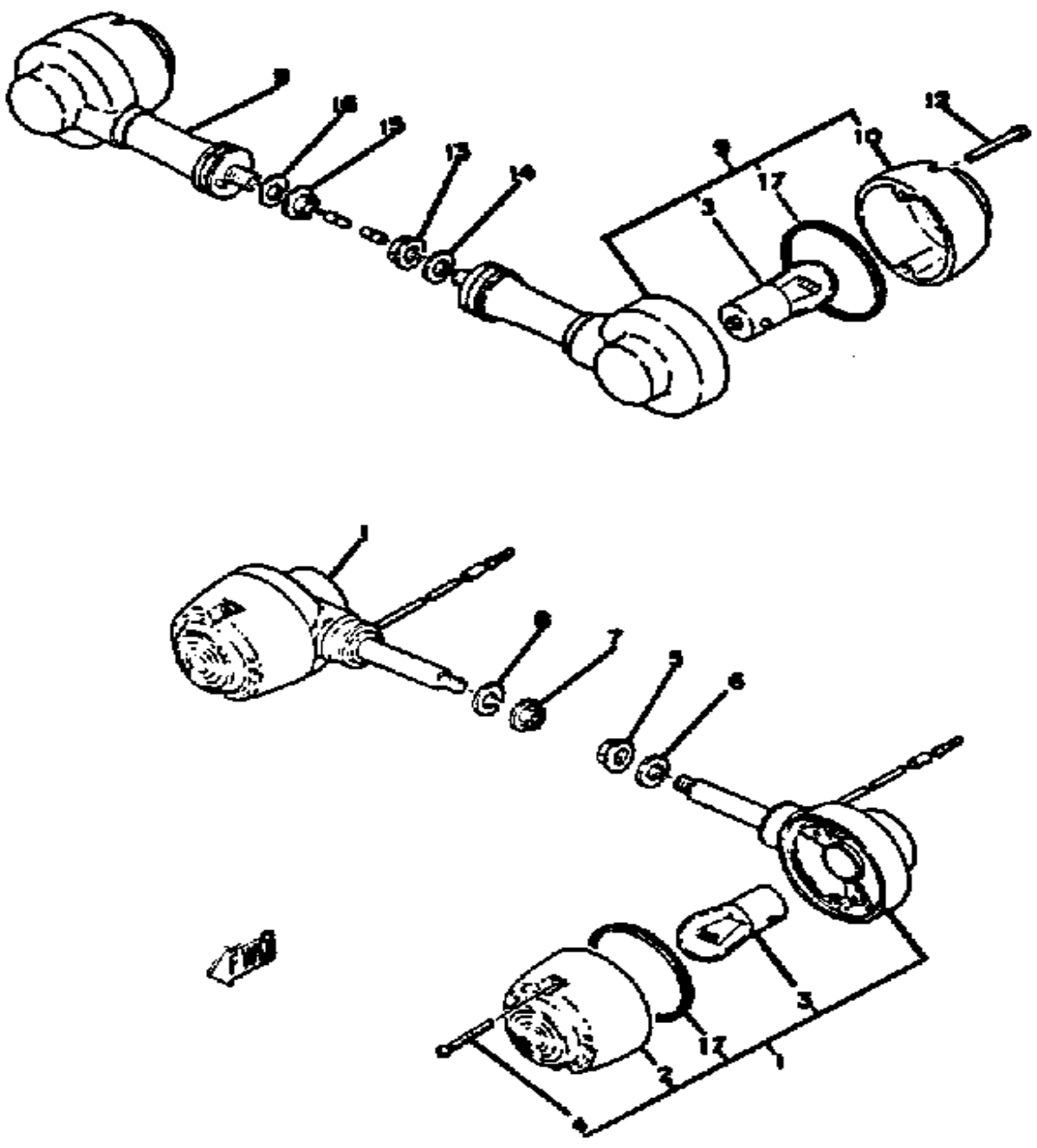
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V20-20W / 6V17-5.3W / 6V17W
Lighting Coil Color Code / Ω	Y ~ B / 0.25Ω ±10%

TAILLIGHT



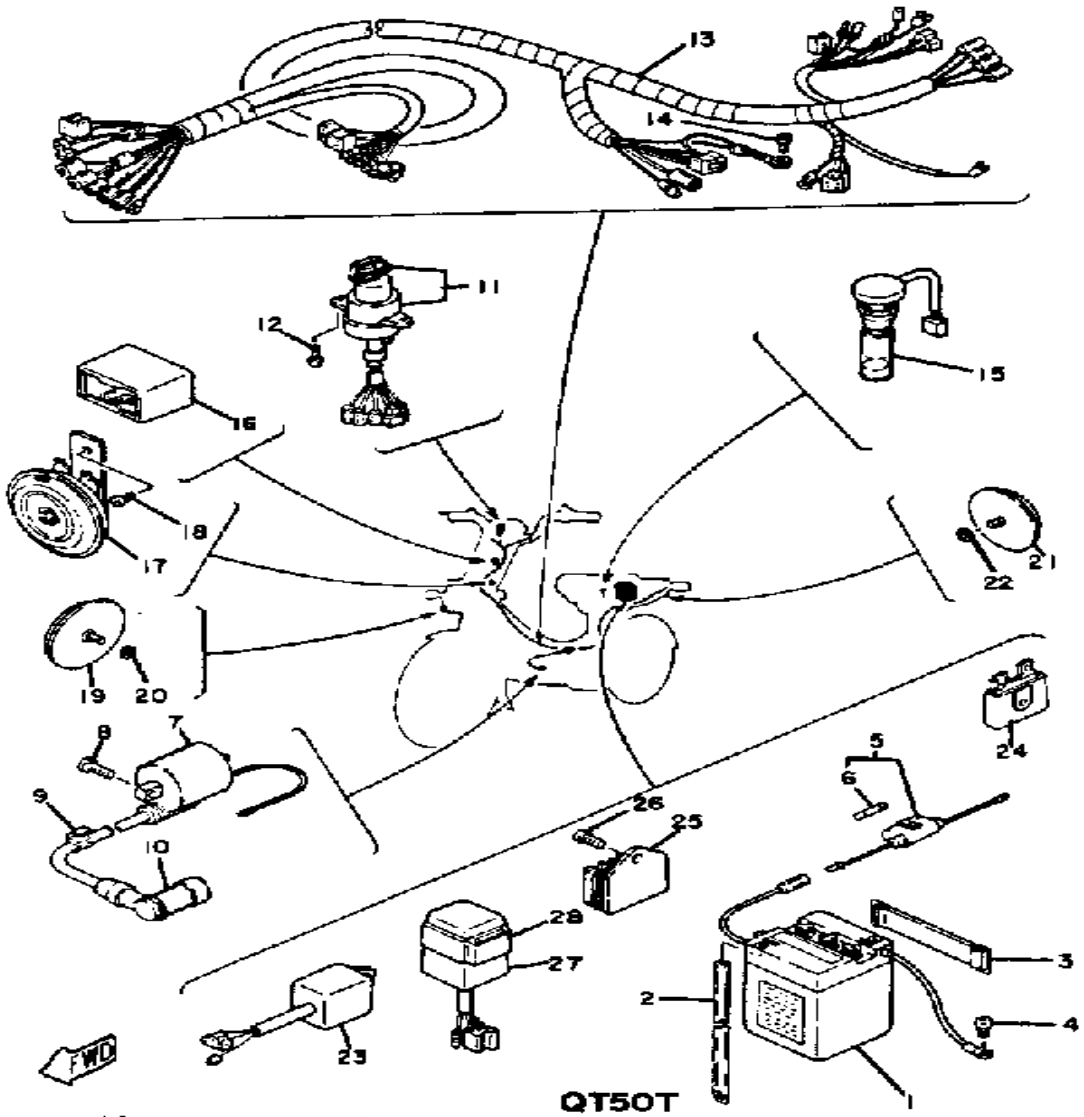
Ref. No.	Part Number	Description	Qty	Remarks
1	4L4-84510-61-00	TAILLIGHT UNIT ASSEMBLY . .	1	
2	1M1-84521-60-00	. LENS, TAILLIGHT	1	
3	1M1-84523-60-00	. GASKET, LENS	1	
4	1M1-84524-60-00	. SCREW, LENS FITTING	2	
5	122-84514-30-00	. BULB	1	
6	95811-06020-00	BOLT, FLANGE	2	
7	3L8-84551-00-00	BRACKET, LICENCE	1	SILVER
8	3L8-84544-00-00	COVER	1	
9	90387-06681-00	COLLAR	2	

TURNSIGNAL



Ref. No.	Part Number	Description	Qty	Remarks
1	3L9-83310-60-00	FRT FLSHR LITE ASSEMBLYASSY 1	2	
2	3L8-83312-60-00	. LENS, FLASHER	1	
3	115-83311-60-00	. BULB, FLASHER	1	
4	97780-40535-00	. SCREW, TAPPING (FJ1)	2	
5	95303-08800-00	NUT (CROWN) (95301-08800)	1	
6	92990-08100-00	WASHER	1	
7	95303-08800-00	NUT (CROWN) (95301-08800)	1	
8	92990-08100-00	WASHER	1	
9	3L8-83330-60-00	R FLSHR LITE ASSEMBLY	2	
10	3L8-83312-60-00	. LENS, FLASHER	1	
11	115-83311-60-00	. BULB, FLASHER	1	
12	97780-40535-00	. SCREW, TAPPING (FJ1)	2	
13	95303-10600-00	NUT (95301-10600)	1	
14	92990-10100-00	WASHER, SPRING	1	
15	95303-10600-00	NUT (95301-10600)	1	
16	92990-10100-00	WASHER, SPRING	1	
17	183-83313-70-00	GASKET, FLSHR LENS	2	

ELECTRICAL 1



QT50T

CHARGING SYSTEM	Flywheel Magneto Single Phase, Half Wave
Battery: Model / Specific Gravity / Charge Rate	6N4-2A (6V4AH) / 1.26 / 0.4A
Maximum Output	7.9V 2.0A @ 8000 rpm
Field Coil Color Code / Ω	⊕
Stator Coil Color Code / Ω	⊖
Charge Coil Color Code / Ω	W ~ B / 0.35Ω ±10%

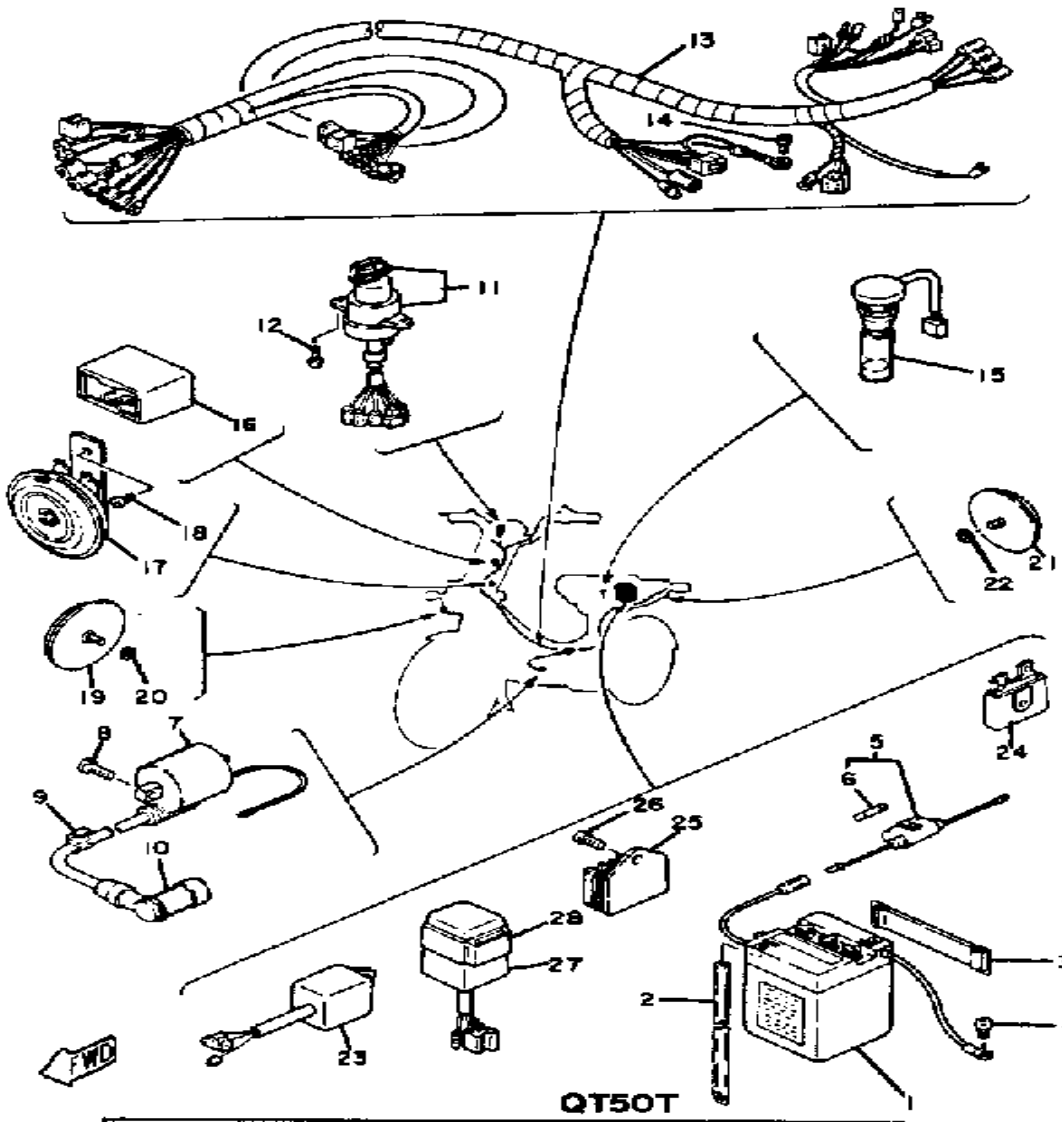
IGNITION SYSTEM	Capacitor Discharge
Ignition Timing (BTDC)	0.94mm 16° @ 5,000 rpm
Spark Plug Type	NGK BP4HS or ND W14FPL
Spark Plug Gap / Torque / Cap Ω	0.6~0.7mm / 2.0m-kg (14 ft-lb) / 5kΩ ±20%
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6Ω ±10% / 6.6k Ω ±20%
Pulser Coil or Pickup Coil Color Code / Ω	W-R~B / 20Ω ±10%
Source Coil Color Code / Ω	B-R ~ B / 320Ω ±10%

Ref. No.	Part Number	Description	Qty	Remarks
1	BTG-6N42A-20-00	GS 6N4-2A-2 (6N4-2A-2) (308-82110-10)	1	
2	3L5-82112-00-00	PIPE, BREATHER	1	
3	22F-82131-00-00	BAND, BATTERY	1	
4	98580-06008-00	SCREW, PAN HEAD	1	
5	55K-82150-01-00	FUSE HOLDER ASS''Y (55K-82150-00-00)	1	
6	116-82151-00-00	. FUSE (10A)	1	
7	5M0-82310-M0-00	IGNITION COIL ASSEMBLY	1	
8	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
9	90468-15020-00	CLIP	1	
10	56J-82370-00-00	PLUG CAP ASSEMBLY	1	
11	4Y9-82508-20-00	MAIN SWITCH ASSEMBLY	1	
12	98901-04016-00	SCREW, BIND	2	
13	4Y9-82590-20-00	WIRE HARNESS ASSEMBLY	1	
14	98580-06008-00	SCREW, PAN HEAD	1	
15	5M0-85720-00-00	OIL LVL GAUGE ASSEMBLY	1	
16	3BK-83350-00-00	FLASHER RELAY ASSEMBLY	1	
17	36X-83371-11-00	HORN	1	
18	98580-06008-00	SCREW, PAN HEAD	1	
19	355-85111-01-00	REFLECTOR, FRONT 1	2	
20	90430-06012-00	GASKET	2	
21	449-85131-02-00	REFLECTOR, REAR 1	2	
22	90430-06012-00	GASKET	2	
23	3L4-85540-M1-00	CDI UNIT ASSEMBLY (5G3-85540-M0)	1	
24	353-81970-63-00	RECTIFIER ASSEMBLY	1	
25	4F4-81910-60-00	VOLTAGE REG ASSEMBLY	1	
26	98580-06012-00	SCREW, PAN HEAD	1	

CONTINUED ON NEXT FRAME ➤

ELECTRICAL 1

Ref. No.	Part Number	Description	Qty	Remarks
27	5U9-85590-M0-00	CONTROL UNIT ASSEMBLY . .	1	
28	4J2-85546-00-00	BAND	1	

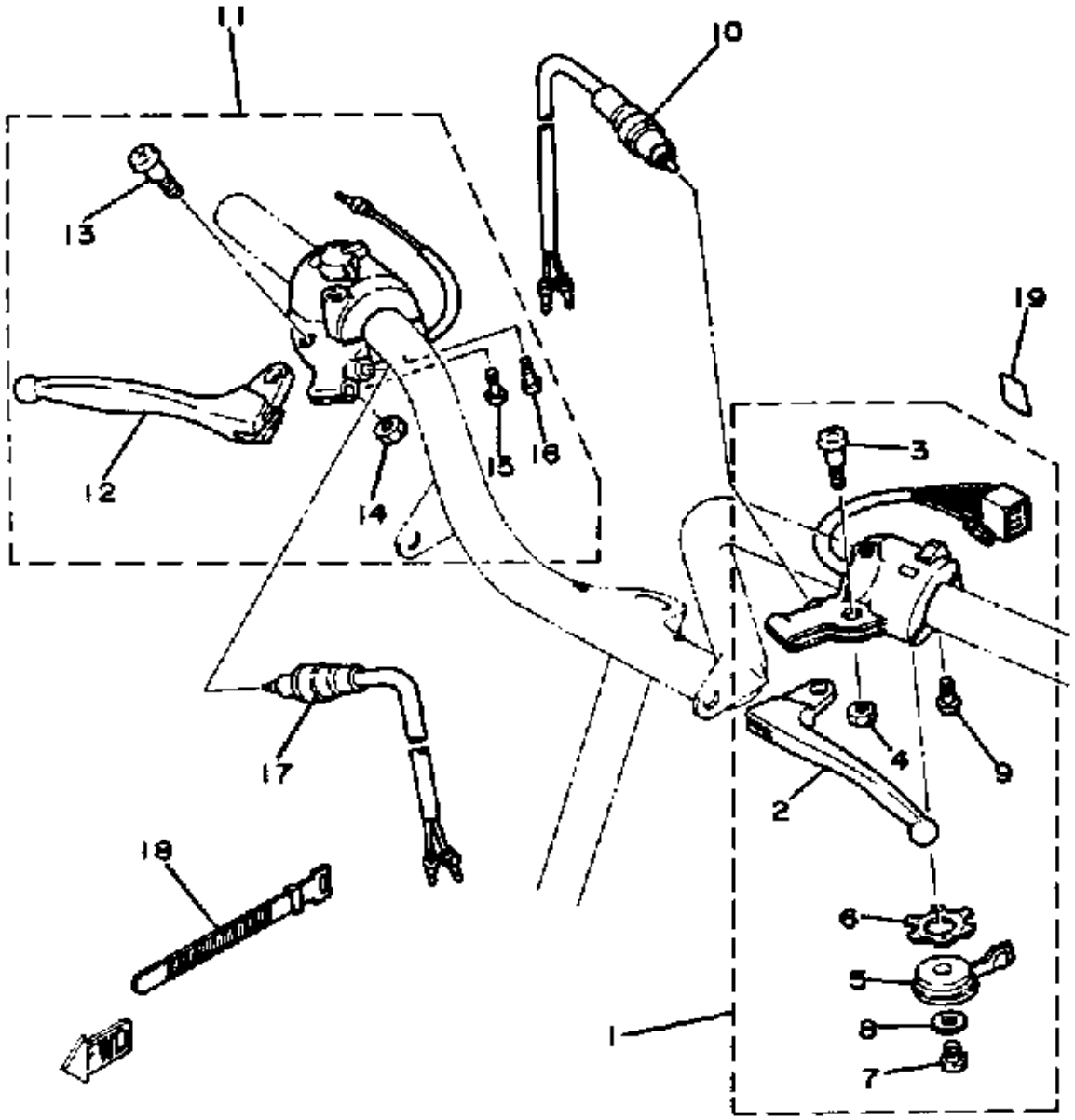


QT50T

CHARGING SYSTEM	Flywheel Magneto Single Phase, Half Wave
Battery: Model / Specific Gravity / Charge Rate	6N4-2A (6V4AH) / 1.28 / 0.4A
Maximum Output	7.9V 2.0A @ 8000 rpm
Field Coil Color Code / Ω	⊖
Stator Coil Color Code / Ω	⊖
Charge Coil Color Code / Ω	W ~ B / 0.35Ω ±10%

IGNITION SYSTEM	Capacitor Discharge
Ignition Timing (BTDC)	0.94mm 16° @ 5,000 rpm
Spark Plug Type	NGK BP4HS or ND W14FPL
Spark Plug Gap / Torque / Cap Ω	0.6~0.7mm / 2.0m-kg (14 ft-lb) / 5kΩ ±20%
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6Ω ±10% / 6.6k Ω ±20%
Pulser Coil or Pickup Coil Color Code / Ω	W-R~B / 20Ω ±10%
Source Coil Color Code / Ω	B-R ~ B / 320Ω ±10%

HANDLE SWITCH - LEVER



Ref. No.	Part Number	Description	Qty	Remarks
1	3L8-W8271-01-00	LEVER HOLDER ASSEMBLY.L (3L8-W8271-00)	1	
2	137-83912-02-38	. LEVER L	1	CLEAR BUFF
3	90149-05120-00	. SCREW, SPEC''L SHAPE	1	
4	95601-05100-00	. NUT, U	1	
5	439-83941-02-00	. LEVER, STARTER	1	
6	90209-10131-00	. WASHER	1	
7	98580-06008-00	. SCREW, PAN HEAD	1	
8	90201-061A5-00	. WASHER, PLATE	1	
9	98580-05020-00	. SCREW, PAN HEAD	3	
10	3E1-83980-02-00	FRONT STOP SWITCH ASSEMBLY	1	
11	3L8-W8292-31-00	LEVER HOLDER ASSEMBLY R	1	
12	2N3-83922-00-00	. LEVER R	1	CLEAR BUFF
13	90149-05120-00	. SCREW, SPEC''L SHAPE	1	
14	95601-05100-00	. NUT, U	1	
15	98580-05020-00	. SCREW, PAN HEAD	1	
16	98501-05030-00	. SCREW, PAN HEAD	1	
17	3E1-83980-02-00	FRONT STOP SWITCH ASSEMBLY	1	
18	437-83936-01-00	BAND, SWITCH CORD	1	
19	3L8-26139-00-00	LABEL, CHOKE	1	

MOTORCYCLE	DATE 1/24/86

QT50S
1986 SERVICE DATA

MODEL - ISM I.D. NUMBER	QT50S	5U9
Initial Engine Number / Frame Number	5U9-140101 / JYA5U900( )FA140101	
Fuel Type / Total Fuel Tank Capacity / Reserve Cap.	Regular / 2.3 Lit (0.6 gal) / 0.8 Lit (0.2 gal)	

ENGINE TYPE	2-Stroke, Reed Valve, Single
Bore / Stroke / Number Cylinders / Displacement	40mm / 39.2mm / 1 / 49cc
Compression Ratio / Compression Pressure Min~Max	5.9:1 / NA
Piston Skirt Clearance New / Max	0.034 ~ 0.047mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / Φ
Valve Clearance (Cold) Intake / Exhaust	Φ
Oiling System	Autolube
Capacity: Dry	0.8 Lit (0.8 qts)
Oil & Filter Change / Oil Change Only	Φ / Φ
Oil Filter Part Number	Φ
Lubricant: Temp Above 5°C (40°F)	Yamalube 2* or Equivalent
Temp Below 15°C (60°F)	Yamalube 2* or Equivalent
Cooling System / Capacity / Cap Opening Pressure	Air/Φ/Φ
Coolant Type / Mixing Ratio	Φ/Φ

AUTOLUBE - Min Stroke / Color Code	0.20~0.25mm/Yellow
Minimum Output @ 200 Cycles	0.48~0.58cc
Maximum Output @ 200 Cycles	1.92~2.21cc

CARBURETOR - Manufacturer / Type / I.D. Number	Mikuni / VM12SC / 4L4-00
Main Jet / Pilot Jet / Pilot Screw (Turns Out)	70 / 40 / 1.7/8
Needle Jet / Jet Needle-Clip Position	E-0 / 3T6-3
Slide Cutaway	2.5
Float Height / Fuel Level	16.5 ± 1.0mm / 22.0 ± 1.0mm
Idle rpm	1700rpm
Max CO⊕ / Max HC⊕ / Set CO	Φ / Φ / Φ

SUSPENSION -	
Front: Oil Type / Level / Qty	Φ / Φ / Φ
Gas or Air Pressure Min~Max / Standard	Φ
Spring Length Standard	98mm
Rear: Gas or Air Pressure Min~Max / Standard	Φ
Minimum Brake Lining Thickness Front / Rear	2.0mm/2.0mm
Tire Size / Nominal Pressure: Front	2.00-14 / 1.25 kg/cm² (18psi)
Rear	2.25-14 / 2.0 kg/cm² (28psi)

TRANSMISSION - Oil Type / Qty Change / Qty Dry	*Yamalube 4 or SAE 10W30 SE or SF / 300cc/350cc
Secondary Drive Type / Teeth / Chain / Freeplay	Shaft Drive / 19-15 x 57-10 / Φ / Φ
Middle Gear Case Capacity	Φ
Final Gear Case Capacity	10g
Gear Case Lubricant	Lithium Base Wheel Bearing Grease

SERVICE COPY	SER MGR	MECH	MECH	MECH	BINDER
OFFICE COPY	GEN MGR	SALES	PARTS	BINDER	PAGE 1 OF 2

CHARGING SYSTEM	Flywheel Magneto, Single Phase, Half Wave
Battery: Model / Specific Gravity / Charge Rate	6N4-2A-2 (6V4AH) / 1.26 / 0.4A
Maximum Output	7.9V 2.0A @ 8000 rpm
Field Coil Color Code / Ω	Φ
Stator Coil Color Code / Ω	Φ
Charge Coil Color Code / Ω	Wht ~ Blk / 0.268Ω ± 20%

IGNITION SYSTEM	Capacitor Discharge
Ignition Timing	0.94mm BTDC 16° @ 5,000 rpm
Spark Plug Type	NGK B84HS or ND W14FPL
Spark Plug Gap / Torque / Cap Ω	0.6~0.7mm / 2.0m-kg (14.5 ft-lbs) / 5KΩ ± 20%
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6Ω ± 10% / 6.6K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red~Blk / 20Ω ± 10%
Source Coil Color Code / Ω	Blk-Red ~ Blk / 307Ω± 10%

LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V20-20W / 6V17-5.3W / 6V17W
Lighting Coil Color Code / Ω	Blu ~ Blk / 0.177Ω ± 20%

TORQUE VALUES	
Front Axle Nut	M10: 4.0m-kg (29 ft-lbs)
Front Axle Holder Nut	Φ
Rear Axle Nut	M12: 6.0 m-kg (43 ft-lbs)
Rear Axle Pinch Bolt	Φ
Clutch Nut	Ω
Drain Plug	M8: 1.8 m-kg (13 ft-lbs)
Flywheel Nut	M12: 4.3m-kg (31 ft-lbs)
Cylinder Head Cover	Φ
Cylinder Head:	M6: 1.0m-kg (7.23 ft-lbs)
Engine Mounting Bolts: Engine Bracket	M10: 4.8m-kg (35 ft-lbs)

Φ = Does Not Apply to This Model
NA = Information Not Available
* = Available from YPDI
⊕ = For Diagnostic Use Only

SERVICE LITERATURE

PUBLICATION	PART NUMBER	REMARKS
Owner's Manual	LIT-11626-05-08	
Service Manual	LIT-11616-QT-50	QT50J (K,L,N)
Assembly Manual	LIT-11666-01-31	Same as QT50F (G,G2,H)
Consumer Info.	LIT-11656-04-26	

PAGE 2 OF 2

CHARGING SYSTEM	Flywheel Magneto, Single Phase, Half Wave
Battery: Model / Specific Gravity / Charge Rate	6N4-2A-2 (6V4AH) / 1.26 / 0.4A
Maximum Output	7.9V 2.0A @ 8000 rpm
Field Coil Color Code / Ω	Φ
Stator Coil Color Code / Ω	Φ
Charge Coil Color Code / Ω	Wht ~ Blk / 0.268Ω ± 20%

IGNITION SYSTEM	Capacitor Discharge
Ignition Timing	0.94mm BTDC 16° @ 5,000 rpm
Spark Plug Type	NGK B84HS or ND W14FPL
Spark Plug Gap / Torque / Cap Ω	0.6~0.7mm / 2.0m-kg (14.5 ft-lbs) / 5KΩ ± 20%
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6Ω ± 10% / 6.6K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red~Blk / 20Ω ± 10%
Source Coil Color Code / Ω	Blk-Red ~ Blk / 307Ω± 10%

LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V20-20W / 6V17-5.3W / 6V17W
Lighting Coil Color Code / Ω	Blu ~ Blk / 0.177Ω ± 20%

TORQUE VALUES	
Front Axle Nut	M10: 4.0m-kg (29 ft-lbs)
Front Axle Holder Nut	Φ
Rear Axle Nut	M12: 6.0 m-kg (43 ft-lbs)
Rear Axle Pinch Bolt	Φ
Clutch Nut	Ω
Drain Plug	M8: 1.8 m-kg (13 ft-lbs)
Flywheel Nut	M12: 4.3m-kg (31 ft-lbs)
Cylinder Head Cover	Φ
Cylinder Head:	M6: 1.0m-kg (7.23 ft-lbs)
Engine Mounting Bolts: Engine Bracket	M10: 4.8m-kg (35 ft-lbs)

Φ = Does Not Apply to This Model
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SERVICE LITERATURE

PUBLICATION	PART NUMBER	REMARKS
Owner's Manual	LIT-11626-05-08	
Service Manual	LIT-11616-QT-50	QT50J (K,L,N)
Assembly Manual	LIT-11666-01-31	Same as QT50F (G,G2,H)
Consumer Info.	LIT-11656-04-26	