YAMAHA

GENUINE

PARTS CATALOGUE

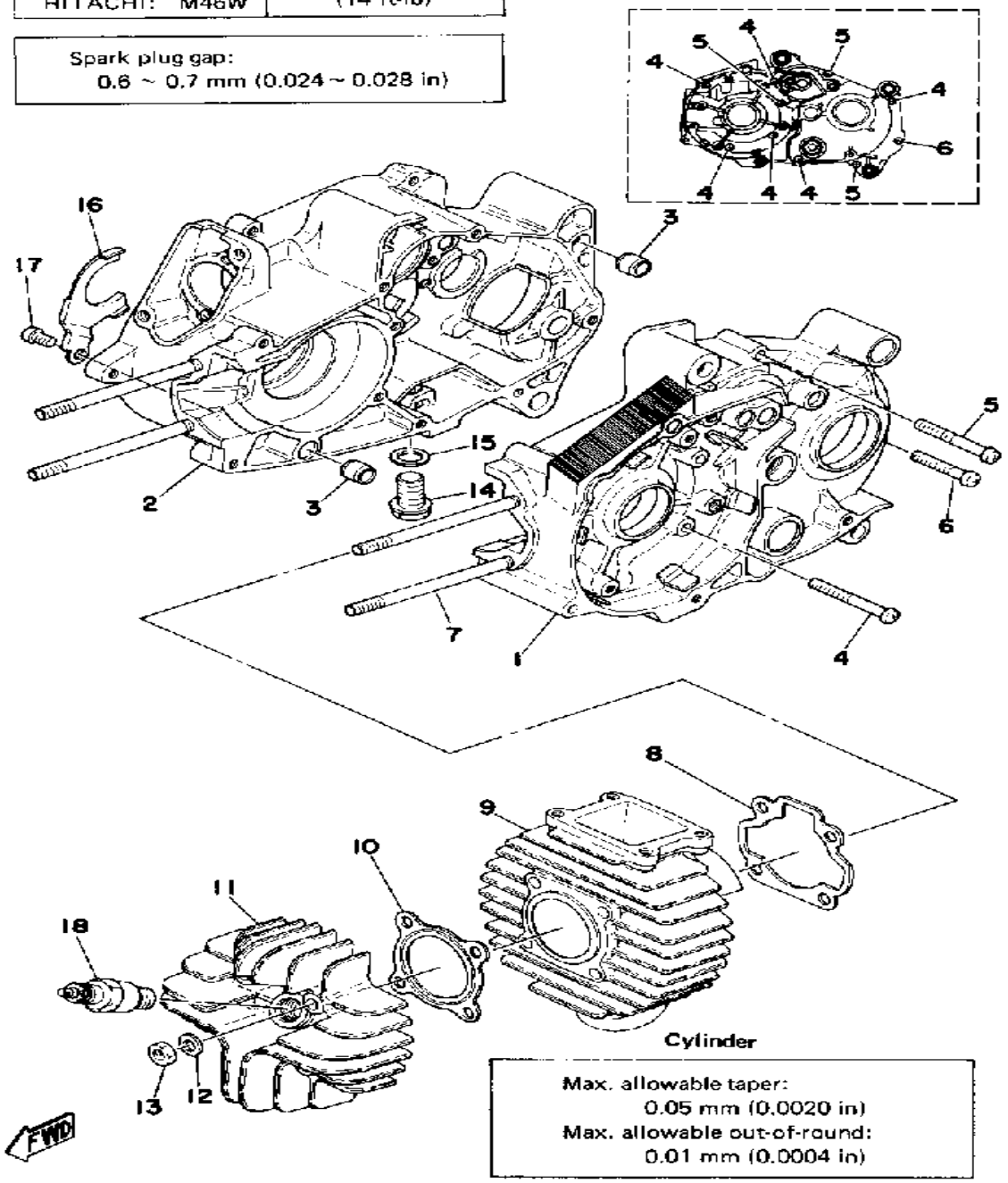
MOTORCYCLE

A1

CRANKCASE-CYLINDER

Standard Spark Plug	Tightening Torque
NGK: B-6HS HITACHI: M46W	2.0 m-kg (14 ft-lb)

Spark plug gap:
0.6 ~ 0.7 mm (0.024 ~ 0.028 in)



Cylinder

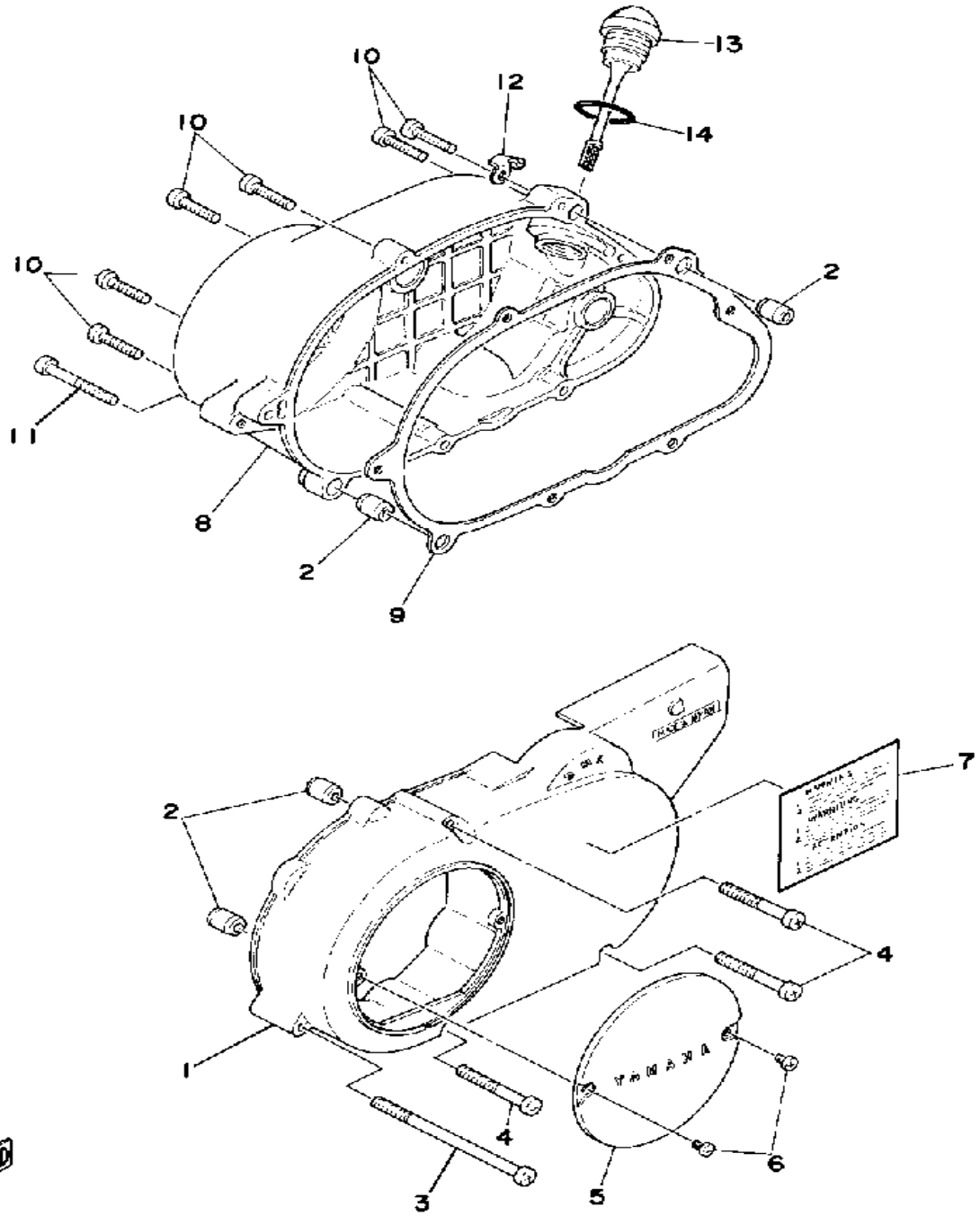
Max. allowable taper:
0.05 mm (0.0020 in)
Max. allowable out-of-round:
0.01 mm (0.0004 in)

SPECIAL SERVICE TOOLS

90890-01135-00 CRANKCASE SEPARATOR

Ref. No.	Part Number	Description	Qty	Remarks
1	(439-15111-04-00)	CRANKCASE 1	1	
2	(439-15121-04-00)	CRANKCASE 2	1	
3	99510-12016-00	PIN, DOWEL	2	
4	98580-06550-00	SCREW PAN HEAD (92503-06050)	6	
5	98580-06545-00	SCREW PAN HEAD (92503-06045)	3	
6	98580-06035-00	SCREW, PAN HEAD	1	
7	90116-06026-00	BOLT, STUD	4	
8	439-11351-00-00	GASKET, CYLINDER	1	
9	439-11311-00-00	CYLINDER 1	1	
10	517-11181-00-00	GASKET, CYLINDER HEAD 1	1	
11	439-11111-00-00	HEAD, CYLINDER 1	1	
12	92990-06200-00	WASHER	4	
13	95380-06600-00	NUT	4	
14	90340-12005-00	PLUG, DRAIN	1	
15	90430-12207-00	GASKET	1	
16	(296-15128-00-00)	HOLDER	1	
17	92501-08010-00	SCREW, PAN HEAD	1	
18	NGK-B6HS0-00-00	NGK B6HS 4PK	1	

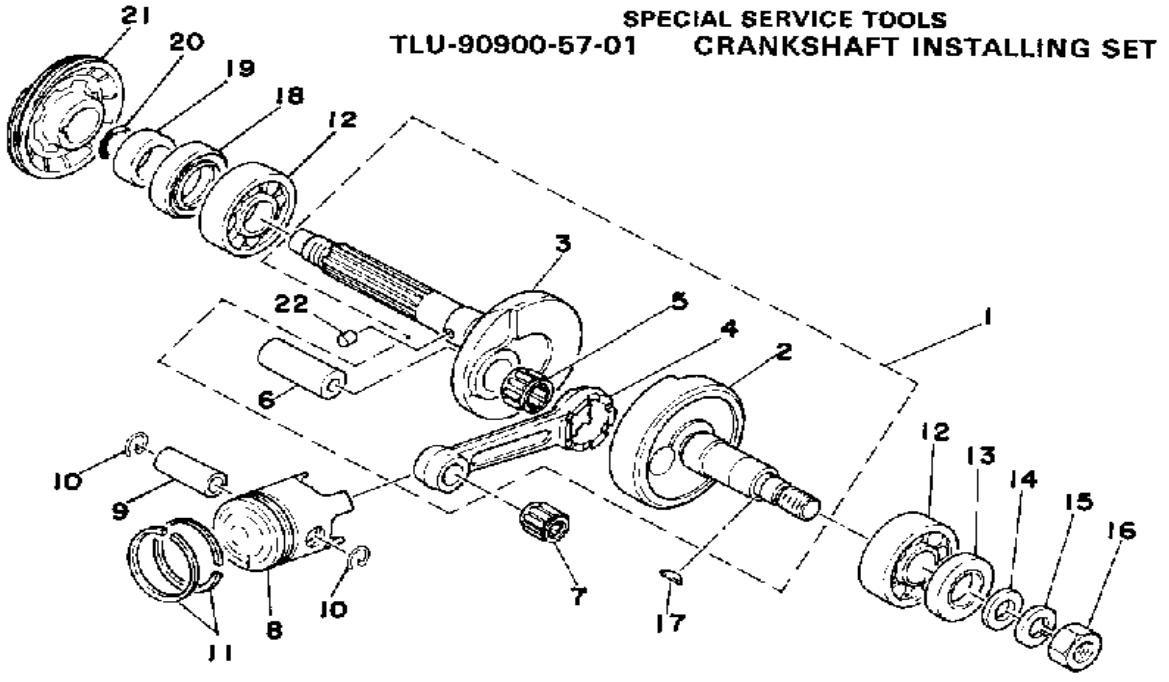
CRANKCASE COVER



Ref. No.	Part Number	Description	Qty	Remarks
1	99999-01098-00	C/C COVER ASSEMBLY	1	
2	99530-10014-00	PIN, DOWEL	4	
3	98501-06100-00	SCREW, PAN HEAD	1	
4	98580-06545-00	SCREW PAN HEAD (92503-06045)	3	
5	164-15415-00-00	COVER, GENERATOR	1	
6	98511-04006-00	SCREW, PAN HEAD (98501-04005)	2	
7	591-15435-00-00	EMBLEM	1	
8	384-15421-01-00	COVER, CRANKCASE R	1	
9	296-15451-03-00	GASKET, CRCS COVER	1	
10	98511-06025-00	SCREW PAN HEAD (92501-06025)	6	
11	98580-06040-00	SCREW, pan head (92501-06040-00)	1	
12	(439-15378-00-00)	HOLDER	1	
13	439-15363-01-00	PLUG, OIL	1	
14	93210-21190-00	O-RING	1	

PE/PF

Piston Skirt Clearance new/max.	0.025 ~ 0.030mm / 0.1mm
Ring End Gap top/2nd/3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / φ



Crankshaft

Deflection tolerance (Allowance)	
Left side	Right side
0.03 mm (0.0012 in)	0.03 mm (0.0012 in)

FWD

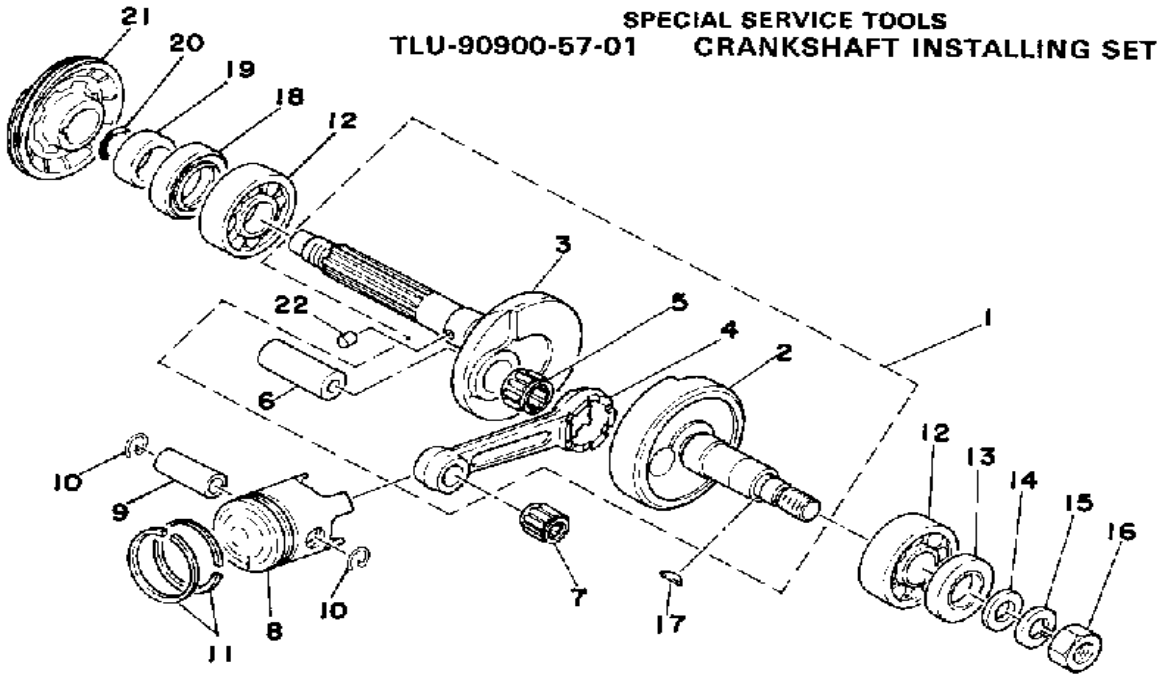
CRANK-PISTON

Ref. No.	Part Number	Description	Qty	Remarks
1	(3E4-11400-00-00)	CRANKSHAFT ASSEMBLY ...	1	
2	(517-11412-03-00)	CRANK 1	1	
3	(520-11422-01-00)	CRANK 2	1	
4	3R1-11651-01-00	. ROD, CONNECTING	1	
5	93310-418T0-00	. BERING, CYLINDRICAL	1	0
6	257-11681-00-00	. PIN, CRANK 1	1	
7	93310-11268-00	BEARING	1	
8	(353-11637-01-00)	PISTON 3 O/S 0. 5	1	ALTERNATE PARTS
	(353-11638-01-00)	PISTON 4 O/S 1. 0	1	ALTERNATE PARTS
	353-11631-01-98	PISTON STD	1	
	353-11635-01-00	PISTON 1 O/S 0. 5	1	
	353-11636-01-00	PISTON 2 O/S 0. 0	1	ALTERNATE PARTS
9	517-11633-00-00	PIN, PISTON	1	
10	93450-13022-00	CIRCLIP	2	
11	(260-11610-42-00)	PISTON RINGSET 4TH	1	ALTERNATE PARTS
	260-11601-02-00	PISTON RING SET (STD)	1	
	260-11601-12-00	PIST0N RING SET (0.25 MM O/S)	1	ALTERNATE PARTS
	260-11601-22-00	PISTON RING SET (0.50MM O/S)	1	ALTERNATE PARTS
	260-11601-32-00	PISTON RINGSET 3RD	1	ALTERNATE PARTS
12	93306-20458-00	BEARING	2	
13	93102-20009-00	OIL SEAL	1	
14	90201-12535-00	WASHER, PLATE	1	
15	92901-12100-00	WASHER, SPRING	1	
16	90170-12175-00	NUT	1	
17	90280-03017-00	KEY, WOODRUFF	1	
18	93103-28011-00	OIL SEAL	1	
19	90387-20345-00	COLLAR (132-16136-01)	1	

CONTINUED ON NEXT FRAME ➤

PE/PF

Piston Skirt Clearance new/max.	0.025 ~ 0.030mm / 0.1mm
Ring End Gap top/2nd/3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / φ



Crankshaft

Deflection tolerance (Allowance)	
Left side	Right side
0.03 mm (0.0012 in)	0.03 mm (0.0012 in)

FWD

CRANK-PISTON

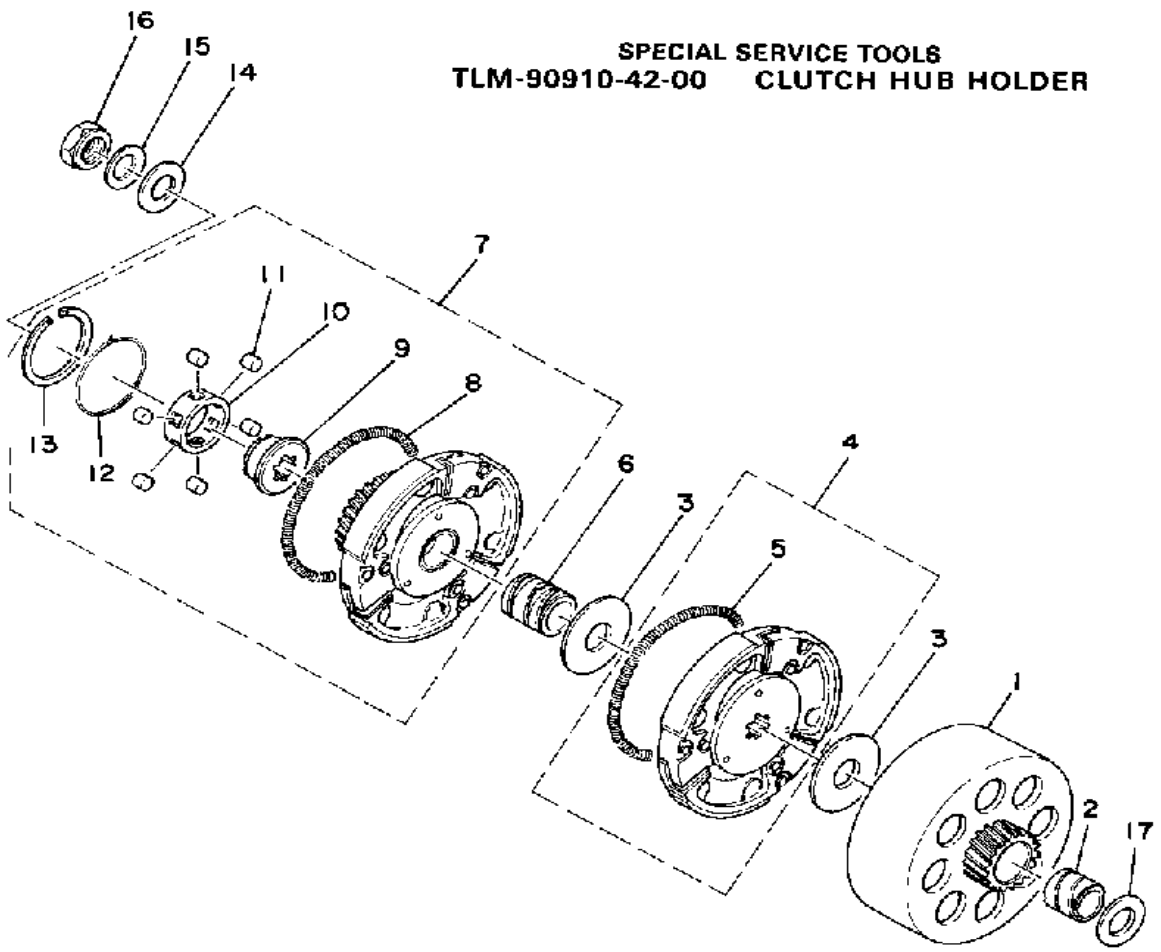
Ref. No.	Part Number	Description	Qty	Remarks
20	93210-180A6-00	O-RING	1	
21	296-13178-02-00	GEAR, PUMP DRIVE	1	
22	93603-08072-00	PIN, DOWEL	1	

CLUTCH

PE/PF

Clutch Friction Plate Thickness std ~ min.	2.6 ~ 2.0mm

SPECIAL SERVICE TOOLS
TLM-90910-42-00 CLUTCH HUB HOLDER



Ref. No.	Part Number	Description	Qty	Remarks
1	(384-16110-00-00)	PRI DRV GEAR ASSEMBLY	1	
2	(90560-15119-00)	SPACER	1	
3	(90201-16250-00)	WASHER, PLATE	2	
4	384-16620-02-00	CLUTCH CARRIER ASSEMBLY	1	
5	(90506-12025-00)	SPRING, TENSION	1	
6	(90560-15120-00)	SPACER	1	
7	439-16630-00-00	CLUTCH CARRIER ASSEMBLY	1	
8	(90506-12139-00)	SPRING, TENSION	1	
9	296-16512-00-00	. BOSS, CLUTCH HSNG	1	
10	(384-16586-01-00)	CAGE	1	
11	93606-06091-00	. PIN, DOWEL	6	
12	90508-10225-00	. SPRING, TORSION (384-16539-01)	1	
13	(93450-41030-00)	CIRCLIP, INNER	1	
14	90201-13409-00	WASHER, PLATE	1	
15	90208-13016-00	WASHER, CONICAL SPR (384-16119-00)	1	
16	90179-13073-00	NUT, SPEC''L SHAPE	1	
17	(384-16164-00-00)	PLATE, THRUST 2	1	

	New	Wear Limit
Clutch shoe lining thickness	2.5 mm (0.098 in)	2.0 mm (0.079 in)

FWD

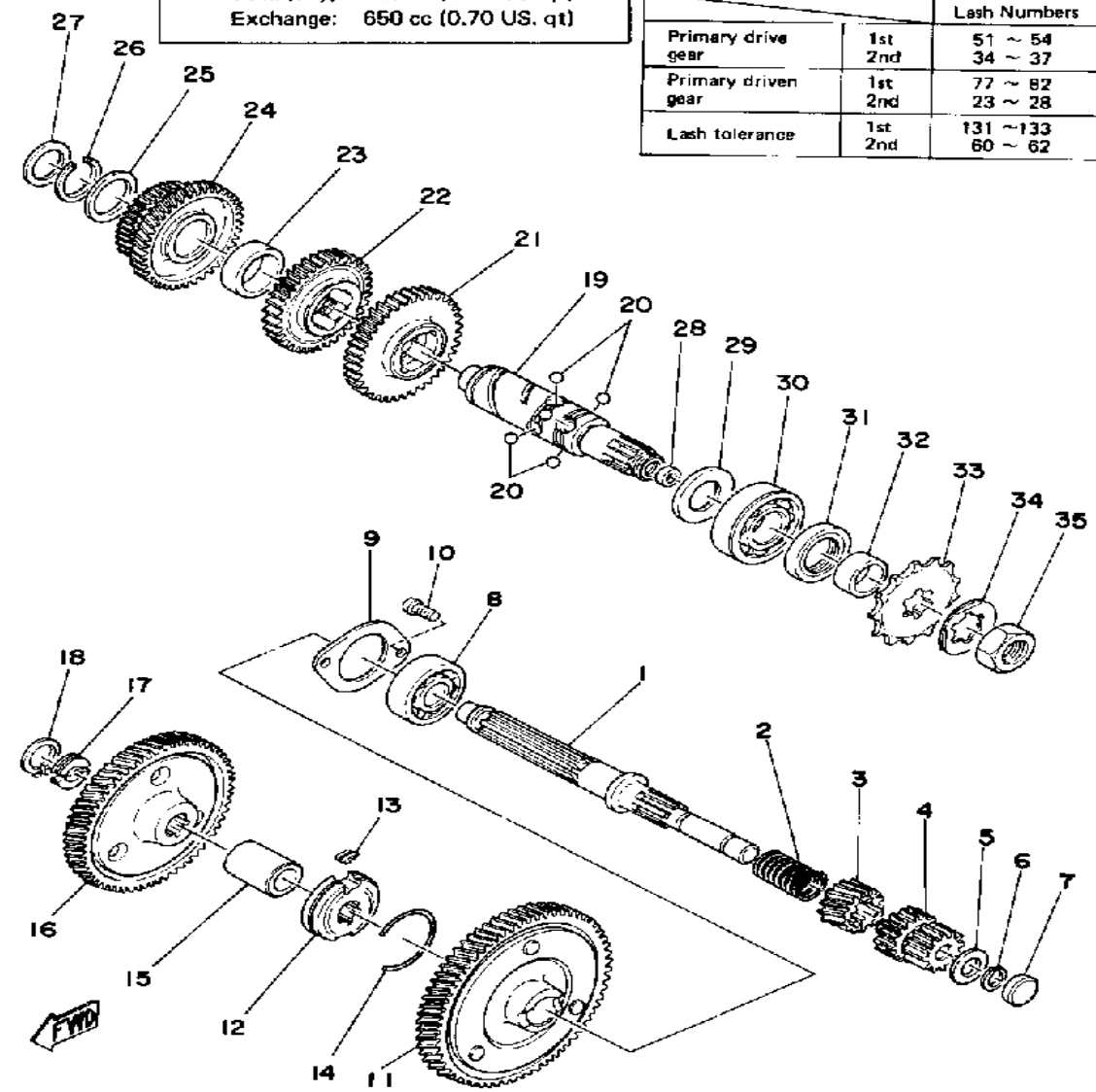
TRANSMISSION

Recommended oil:
Yamalube 4-cycle oil or
SAE 10W/30 "SE" motor oil

Transmission oil quantity:
Total(dry): 700 cc (0.74 US. qt)
Exchange: 650 cc (0.70 US. qt)

Primary Reduction Ratio			
	No. of Teeth		Ratio
	Drive	Driven	
1st	18	68	3.833
2nd	28	59	2.107

		Lash Numbers
Primary drive gear	1st	51 ~ 54
	2nd	34 ~ 37
Primary driven gear	1st	77 ~ 82
	2nd	23 ~ 28
Lash tolerance	1st	131 ~133
	2nd	60 ~ 62



PE

TRANSMISSION – oil type/qty chg/qty reassemble	SAE10W30 or Yamalube 4* / 550cc / 700cc
Primary drive type	Helical gear (2 speed automatic)
Secondary drive type/teeth/chain	Chain / 32-13 / DID420-92L

Ref. No.	Part Number	Description	Qty	Remarks
1	1L4-17411-00-00	AXLE, MAIN	1	
2	90501-12089-00	SPRING, COMPRESSION (384-15572-00)	1	
3	384-15631-00-00	GEAR, KICK PINION	1	
4	384-17121-00-00	GEAR, 2ND PINION	1	
5	(615-45533-01-03)	SHIM	1	
	(615-45533-01-04)	SHIM	1	
	(615-45533-01-05)	SHIM		
6	99009-12400-00	CIRCLIP	1	
7	90338-18064-00	PLUG, SPEC"L SHAPE	1	
8	93306-20310-00	BEARING	1	
9	296-17471-00-00	PLATE, COVER	1	
10	98580-06012-00	SCREW, PAN HEAD	2	
11	(1F5-16170-00-00)	PRI DRVN GEAR	1	
12	517-16180-00-00	ONE WAY BOSS COMP.	1	
13	384-15635-00-00	PAWL, KICK	2	
14	2T4-15637-00-00	SPRING, PAWL	1	
15	(1L4-16176-00-00)	COLLAR, DISTANCE	1	
16	386-16150-01-00	PRI DRVN GEAR (59T)	1	
17	137-15654-00-00	HOLDER, KICK GEAR	2	
18	99009-20400-00	CIRCLIP	1	
19	439-17421-00-00	AXLE, DRIVE	1	
20	93509-32012-00	BALL	8	
21	384-17211-00-00	GEAR, 1ST WHEEL	1	
22	384-17221-00-00	GEAR, 2ND WHEEL	1	
23	90387-25190-00	COLLAR (384-17442-00)	1	
24	384-15651-00-00	GEAR, KICK IDLE	1	
25	626-45577-00-01	SHIM (T:0.10MM)	1	
	626-45577-00-03	SHIM (T:0.30MM)	1	

CONTINUED ON NEXT FRAME ➤

TRANSMISSION

Ref. No.	Part Number	Description	Qty	Remarks
25	626-45577-00-05	SHIM (T:0.50MM)		
26	93440-25084-00	CIRCLIP	1	
27	90201-21381-00	WASHER, PLATE	1	
28	93104-06108-00	OIL SEAL (1RY)	1	
29	(90560-20040-00)	SPACER	1	
30	93306-20421-00	BEARING	1	
31	93102-26042-00	OIL SEAL	1	
32	90387-20491-00	COLLAR	1	
33	93812-12010-00	SPROCKET, DRIVE 12T	1	
	93812-13022-00	SPROCKET, DRIVE 13T	1	STD
	93812-14035-00	SPROCKET, DRIVE 14T (5171746142)		
34	90215-16020-00	WASHER, LOCK	1	
35	90179-16018-00	NUT	1	

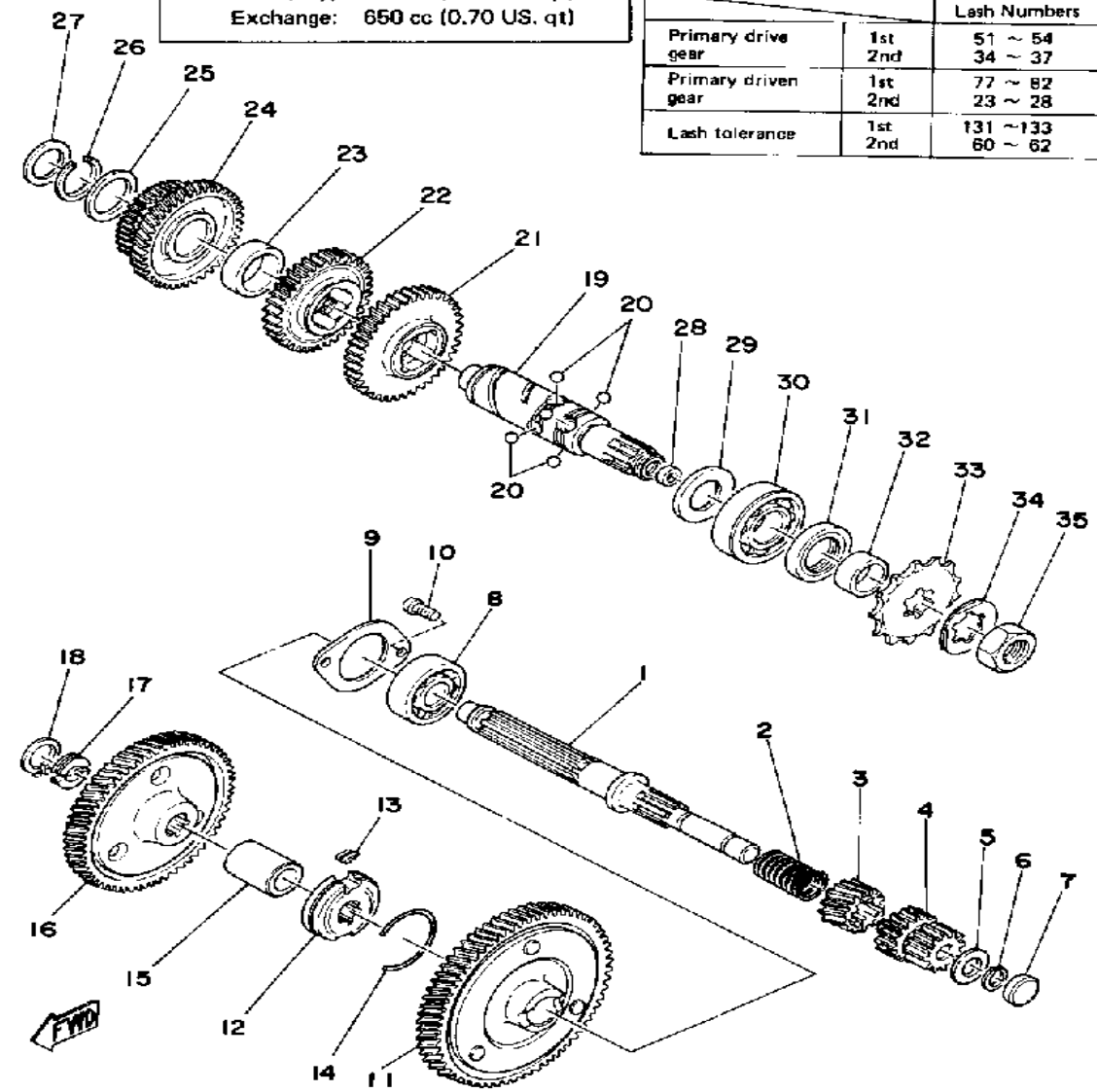
Recommended oil:
Yamalube 4-cycle oil or
SAE 10W/30 "SE" motor oil

Transmission oil quantity:
Total(dry): 700 cc (0.74 US. qt)
Exchange: 650 cc (0.70 US. qt)

Primary Reduction Ratio

	No. of Teeth		Ratio
	Drive	Driven	
1st	18	68	3.833
2nd	28	59	2.107

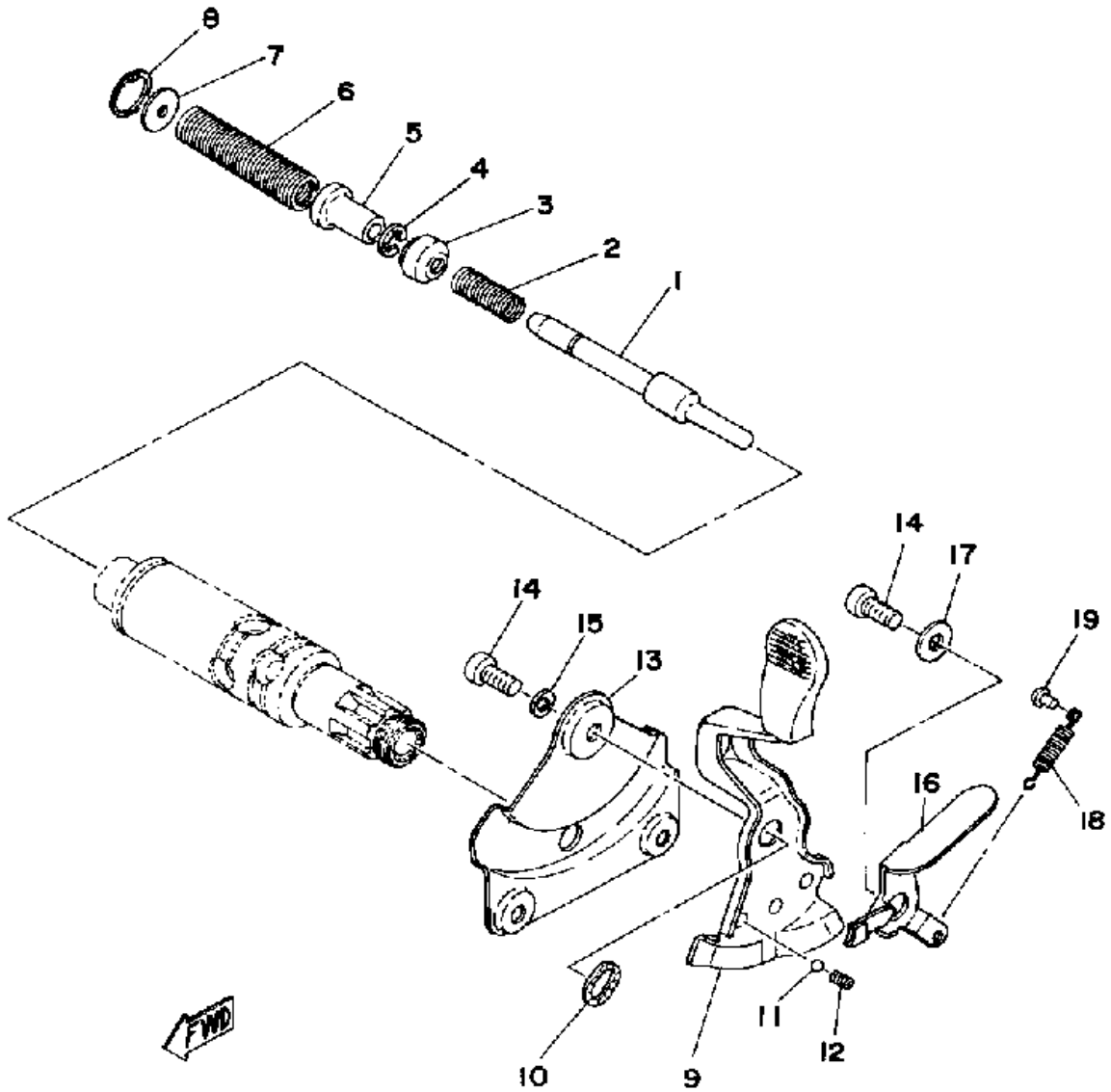
		Lash Numbers
Primary drive gear	1st	51 ~ 54
	2nd	34 ~ 37
Primary driven gear	1st	77 ~ 82
	2nd	23 ~ 28
Lash tolerance	1st	131 ~133
	2nd	60 ~ 62



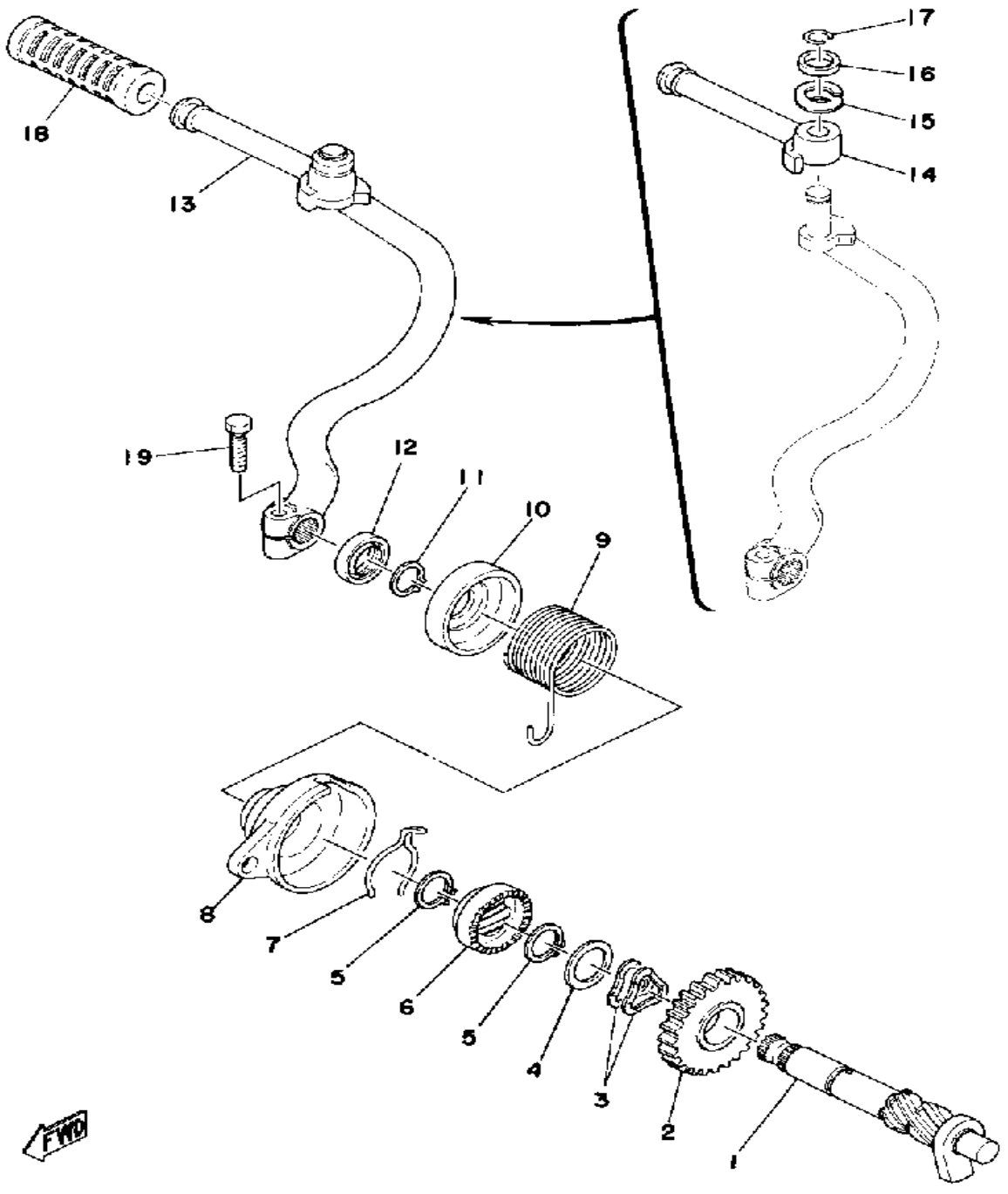
PE

TRANSMISSION – oil type/qty chg/qty reassemble	SAE10W30 or Yamalube 4* / 550cc / 700cc
Primary drive type	Helical gear (2 speed automatic)
Secondary drive type/teeth/chain	Chain / 32-13 / DID420-92L

SHIFTER



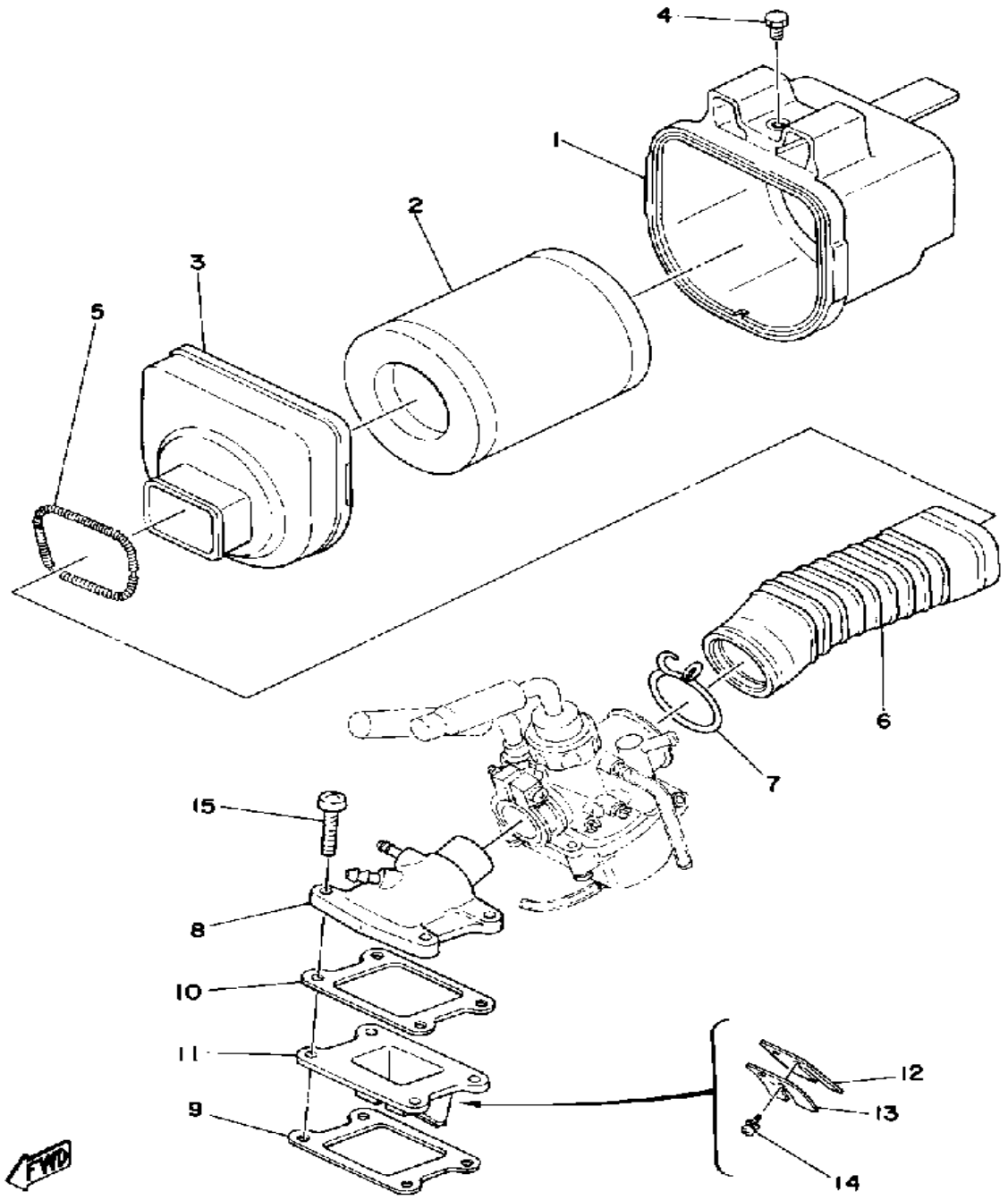
Ref. No.	Part Number	Description	Qty	Remarks
1	384-18411-03-00	ROD, SHIFTER	1	
2	90501-08183-00	SPRING, COMPRESSION	1	
3	234-18412-00-00	HEAD, SHIFTER	1	
4	99080-04600-00	CIRCLIP (E)	1	
5	384-18473-01-00	RETAINER, SPRING	1	
6	90501-12198-00	SPRING, COMPRESSION	1	
7	90209-01134-00	WASHER, SPEC''L SHAP	1	
8	99009-15500-00	CIRCLIP	1	
9	439-18451-01-00	LEVER, SHIFT	1	
10	90206-10036-00	WASHER, WAVE	1	
11	93507-32031-00	BALL	1	
12	90501-09197-00	SPRING, COMPRESSION	1	
13	384-18428-00-00	SEAL, DUST	1	
14	98580-05010-00	SCREW, PAN HEAD	4	
15	92990-05100-00	WASHER, SPRING	3	
16	439-18148-01-00	LEVER, STOPPER	1	
17	90201-06050-00	WASHER, PLATE	1	
18	90506-07066-00	SPRING, TENSION	1	
19	132-16346-00-00	HOOK, SPRING	1	



KICK STARTER

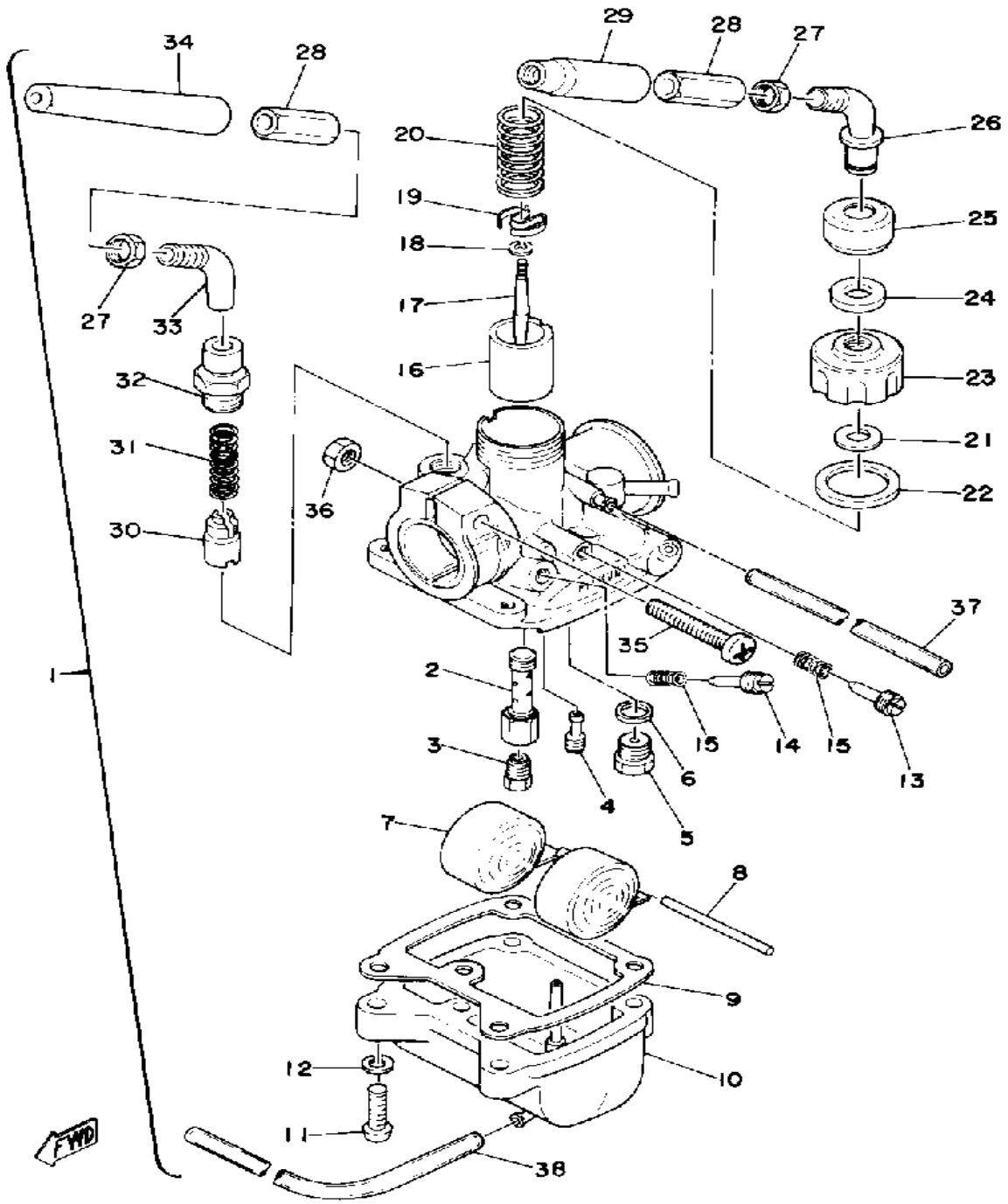
Ref. No.	Part Number	Description	Qty	Remarks
1	296-15660-00-00	KICK AXLE ASSEMBLY	1	
2	384-15641-00-00	GEAR, KICK	1	
3	90206-19027-00	WASHER, WAVE	2	
4	296-15644-00-00	SHIM	1	
5	99009-19400-00	CIRCLIP	2	
6	296-15671-00-00	WHEEL, RATCHET	1	
7	90468-26046-00	CLIP	1	
8	1W7-15664-00-00	GUIDE, SPRING	1	
9	90508-26136-00	SPRING, TORSION	1	
10	1W7-15676-00-00	COVER, SPRING	1	
11	99009-15400-00	CIRCLIP	1	
12	93109-15001-00	OIL SEAL	1	
13	1F1-W1561-00-00	KICK CRANK ASSEMBLY	1	
14	(283-15612-01-00)	LEVER, KICK	1	
15	90504-18031-00	. SPRING, COMPRESSION (132-15625-01)	1	
16	90209-10108-00	. WASHER, SPEC''L SHAP	1	
17	93440-10028-00	. CIRCLIP, OUTER (132-15617-00)	1	
18	156-15618-01-00	COVER, KICK LEVER	1	
19	97011-06025-00	BOLT (97001-06025)	1	

INTAKE



Ref. No.	Part Number	Description	Qty	Remarks
1	1V8-W1441-01-00	CASE, AIR CLNR 1	1	
2	1V8-14451-00-00	ELEMENT, AIR CLNR	1	
3	(1V8-14412-00-00)	CAP, CLEANER CASE 1	1	
4	97011-06010-00	BOLT	1	
5	90506-06075-00	SPRING, TENSION	1	
6	1V8-14453-00-00	JOINT, AIR CLNR 1	1	
7	90467-20023-00	CLIP	1	
8	1L4-13565-00-00	JOINT, CARBURETOR	1	
9	3MT-13621-00-00	GASKET, VALVE SEAT	1	
10	2U7-13622-00-00	GASKET, VALVE SEAT	1	
11	353-13610-01-00	REED VALVE ASSEMBLY	1	
12	314-13613-01-00	. REED, VALVE	1	
13	314-13616-01-00	. STOPPER, REED VALVE	1	
14	98580-03008-00	. SCREW, PAN HEAD	2	
15	98511-06025-00	SCREW PAN HEAD (92501-06025)	4	

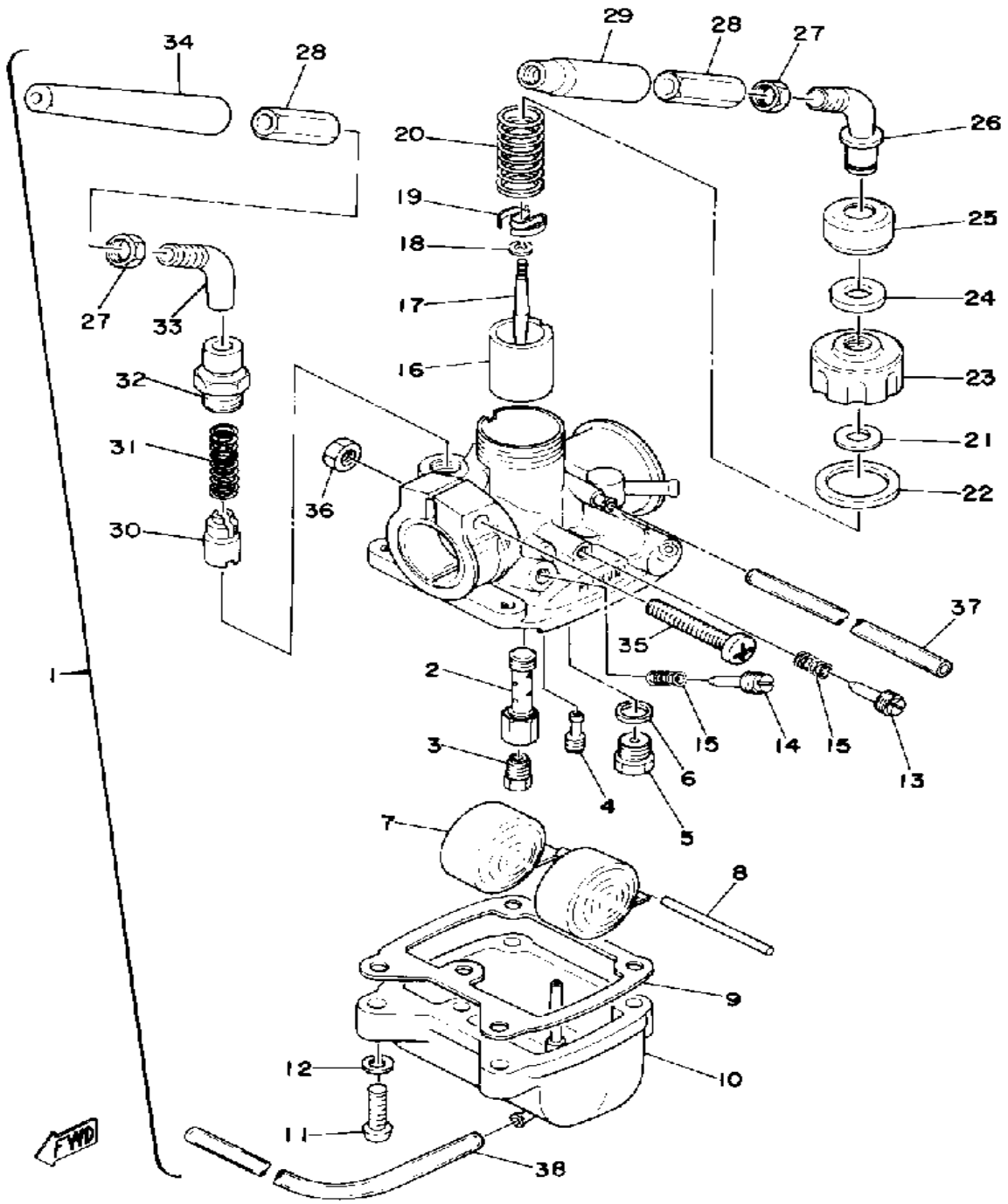
CARBURETOR



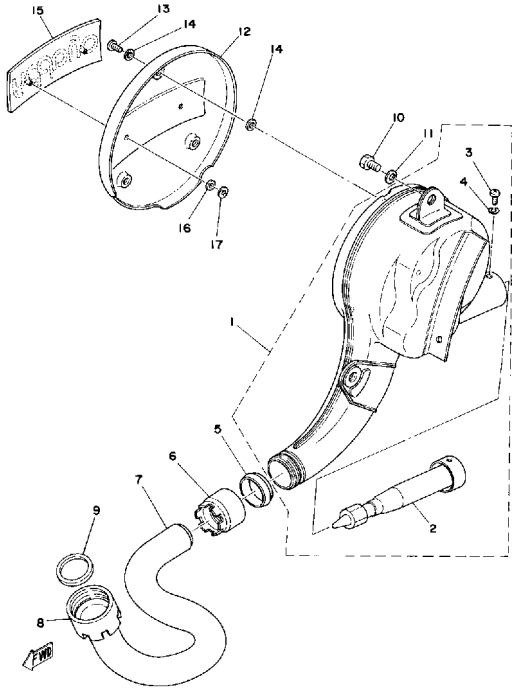
Ref. No.	Part Number	Description	Qty	Remarks
1	(1V8-14101-10-00)	CARBURETOR ASSEMBLY 1 .	1	
2	(1V8-14141-14-00)	NOZZLE, MAIN	1	
3	(127-14143-14-00)	JET, MAIN # 0	1	STD
	127-14143-13-00	. JET, MAIN # 5	1	
	127-14143-15-00	. JET, MAIN # 5		
4	193-14142-15-A0	. JET, PILOT (# 15)	1	
5	2E9-14190-12-00	. NEEDLE VALVE ASSEMBLY .	1	
6	127-14195-00-00	. WASHER, NEEDLE VALVE . .	1	
7	127-14185-00-00	. FLOAT	1	
8	127-14186-00-00	. PIN, FLOAT	1	
9	127-14184-00-00	. GASKET, FLOAT CHMBR . . .	1	
10	(1V3-14181-05-00)	BODY, FLOAT CHMBR 1	1	
11	98506-04018-00	. SCREW, PAN HEAD	4	
12	92901-04100-00	. WASHER, SPRING	4	
13	12G-14103-00-00	. THROTTLE SCREW SET	1	
14	127-W1412-00-00	. SCREW, AIR ADJUSTING.SET	1	
15	127-14134-00-00	. SPRING, AIR ADJUSTING . . .	2	
16	1V8-14112-30-00	. VALVE, THROTTLE 1	1	
17	127-14116-09-00	. NEEDLE	1	
18	127-14137-00-00	. CLIP	1	
19	296-14136-00-00	. SEAT, SPRING	1	
20	127-14131-00-00	. SPRING, THRTL VALVE	1	
21	341-14952-00-00	. WASHER	1	
22	1V3-14126-00-00	. GASKET	1	
23	(1V3-14158-00-00)	TOP, MIXING CHAMBER	1	
24	509-14198-00-00	. GASKET	1	
25	1M1-14169-00-00	. CAP	1	
26	(1V3-14155-00-00)	GUIDE, CABLE	1	
27	127-14161-00-00	. NUT, CABLE ADJUSTING . . .	2	

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CARBURETOR



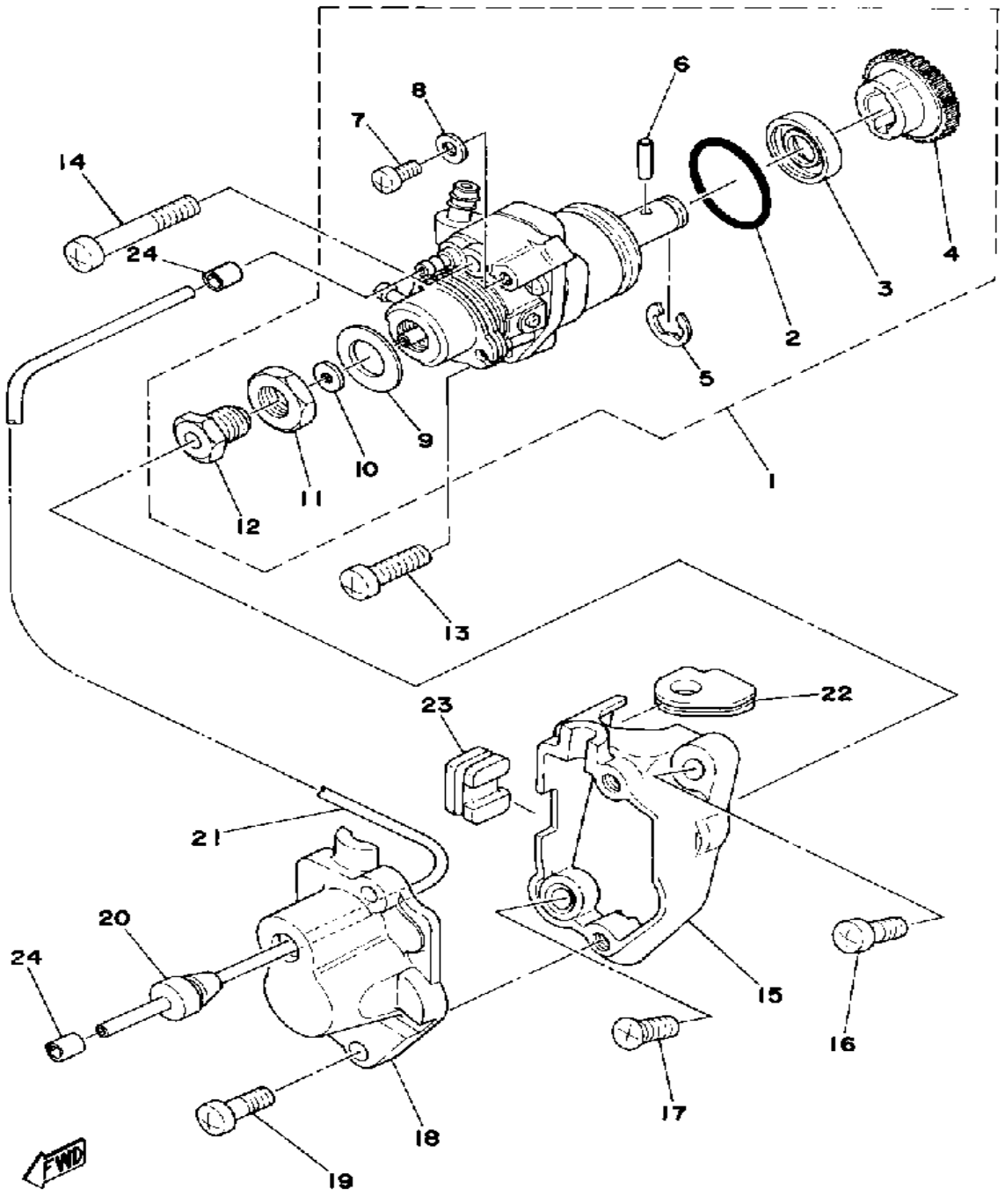
Ref. No.	Part Number	Description	Qty	Remarks
28	17L-14106-00-00	. CABLE ADJUST SCREW SET	2	
29	1R0-14169-00-00	. CAP	1	
30	58E-14171-00-00	. PLUNGER, STARTER	1	
31	127-14135-00-00	. SPRING, PLUNGER	1	
32	439-14174-01-00	. CAP, PLUNGER	1	
33	439-14155-00-00	. GUIDE, CABLE	1	
34	439-14169-00-00	. CAP	1	
35	127-14125-01-00	. SCREW, BODY FITTING	1	
36	(296-14164-00-00)	NUT, HOLDING	1	
37	(1M2-14196-00-00)	PIPE, OVERFLOW	1	
38	(1V3-14196-00-00)	PIPE, OVERFLOW	1	



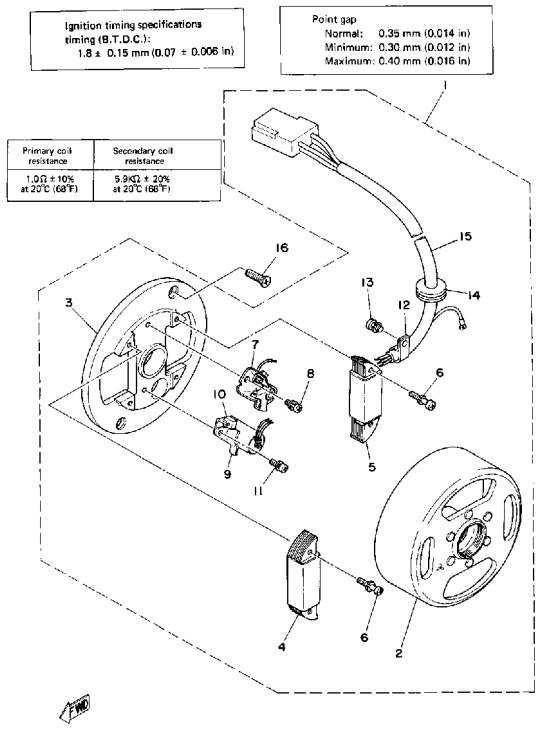
EXHAUST

Ref. No.	Part Number	Description	Qty	Remarks
1	2U7-14710-00-00	MUFFLER ASSEMBLY L	1	
2	(1F7-14752-00-00)	PIPE, OUTLET	1	
3	98580-06008-00	. SCREW, PAN HEAD	1	
4	92995-06100-00	WASHER, SPRING	1	
5	3NA-14714-01-00	GASKET, MUFFLER	1	
6	395-14713-00-00	NUT, MUFFLER JOINT	1	
7	550-14611-01-00	PIPE, EXHAUST L	1	
8	1L4-14612-00-00	NUT, RING	1	
9	132-14613-00-00	GASKET, EXST PIPE	1	
10	97313-08018-00	BOLT, HEXAGON (97301-08016)	1	
11	92901-08600-00	WASHER	1	
12	439-14718-01-00	PROTECTOR, MUFF 1	1	
13	98903-06010-00	SCREW, BIND	3	
14	90202-05187-00	WASHER, PLATE	6	
15	439-14729-00-00	EMBLEM, PROTECTOR	1	
16	90202-04003-00	WASHER, PLATE	2	
17	90183-04005-00	NUT, SPRING	2	

OIL PUMP



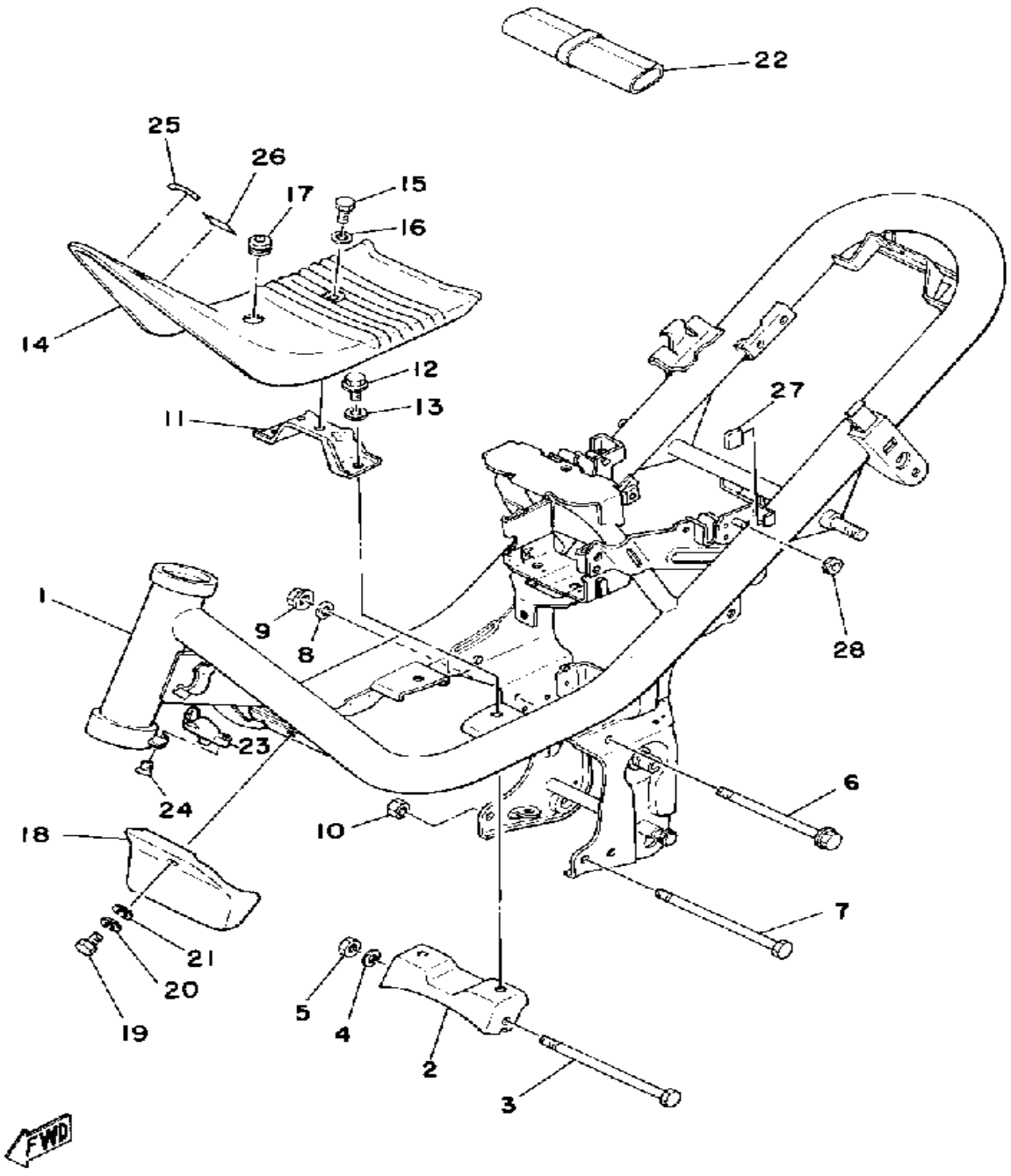
Ref. No.	Part Number	Description	Qty	Remarks
1	517-13101-00-00	OIL PUMP ASSEMBLY	1	
2	93210-26240-00	. O-RING	1	
3	93101-10090-00	. OIL SEAL	1	
4	296-13124-00-00	. GEAR, WORM WHEEL	1	
5	99080-07600-00	. CIRCLIP (E)	1	
6	93603-14026-00	. PIN, DOWEL	1	
7	98901-04008-00	. SCREW, BIND	1	
8	90430-04004-00	. GASKET	1	
9	296-13147-00-00	. SHIM	1	
10	384-13138-00-00	. PLATE, ADJUSTING	1	
11	90170-10105-00	. NUT	1	
12	90401-10029-00	. BOLT, UNION	1	
13	98580-05020-00	SCREW, PAN HEAD	1	
14	98501-05035-00	SCREW, PAN HEAD	1	
15	439-15416-02-00	COVER, OIL PUMP	1	
16	98503-06014-00	SCREW, PAN HEAD (92502-06016)	1	
17	98603-06012-00	SCREW, OVAL HEAD (92701-06012)	1	
18	(439-15426-02-00)	COVER, OIL PUMP R	1	
19	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
20	90480-11057-00	GROMMET	1	
21	90445-05206-00	HOSE	1	
22	384-13174-00-00	HOLDER, OIL PIPE	1	
23	90480-16179-00	GROMMET	1	
24	90468-02033-00	CLIP	2	



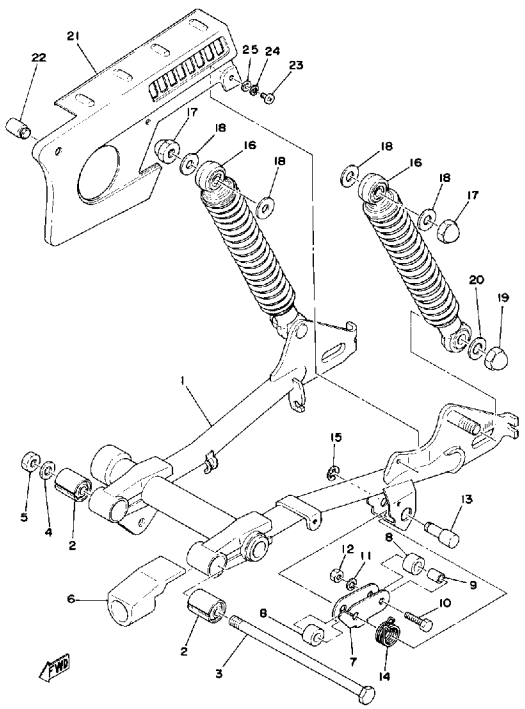
FLYWHEEL MAGNETO

Ref. No.	Part Number	Description	Qty	Remarks
1	(2U7-81300-20-00)	FLYWHL MAGNETO ASSEMBLY	1	
2	(520-81350-20-00)	ROTOR ASSEMBLY	1	
3	520-81309-20-00	. BASE, MAGNETO	1	
4	2U7-81312-21-00	. COIL, SOURCE	1	
5	2U7-81313-20-00	. COIL, LIGHTING 1	1	
6	97602-04125-00	. SCREW, PN/HD.W/WSHR (4-25)	4	
7	1V1-81321-90-00	. CONTACT BRKR ASSEMBLY	1	
8	110-81346-21-00	. SCREW, PAN HEAD	1	
9	1K8-81325-20-00	. CONDENSER 1	1	
10	116-81331-20-00	. LUBRICATOR	1	
11	110-81346-21-00	. SCREW, PAN HEAD	1	
12	104-81328-20-00	. CLAMP	1	
13	97601-04106-00	. SCREW, PN/HD.W/WSHR	1	
14	90480-16304-00	. GROMMET (90480-16110-00)	1	
15	(2F7-81315-21-00)	LEAD WIRE ASSEMBLY	1	
16	98701-05016-00	SCREW, FLAT HEAD	2	

FRAME



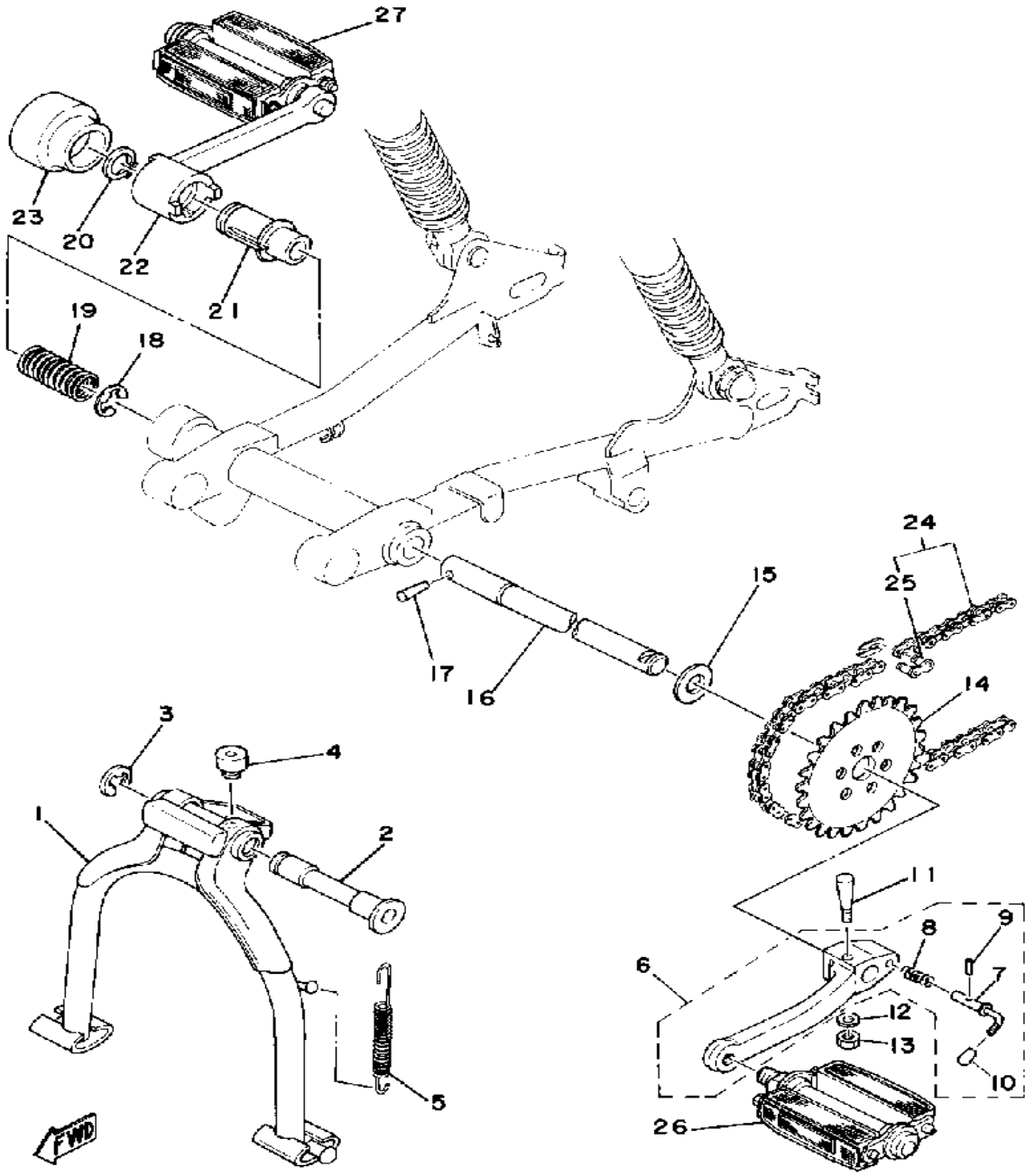
Ref. No.	Part Number	Description	Qty	Remarks
1	(1F1-21110-01-26)	FRAME	1	COMP. YELLOW
	(1F1-21110-01-E1)	FRAME	1	CHAPPY RED
2	(439-21421-00-00)	STAY, REAR UPPER	1	YAMAHA BLACK
3	90109-08386-00	BOLT	1	
4	92990-08100-00	WASHER	1	
5	90170-08158-00	NUT	1	
6	95811-08120-00	BOLT, FLANGE (95812-08120)	1	
7	90101-08538-00	BOLT	1	
8	92990-08100-00	WASHER	1	
9	95701-08500-00	NUT, FLANGE	1	
10	95333-08600-00	NUT	1	
11	439-28321-00-00	STAY, LEG SHIELD L	1	
12	95811-08016-00	BOLT, FLANGE	2	
13	92990-08100-00	WASHER	2	
14	439-28385-00-36	COVER, LOWER	1	WHITE
15	97313-06016-00	BOLT, HEXAGON	2	
16	90201-06M08-00	WASHER, PLATE	2	
17	90480-21436-00	GROMMET	1	
18	439-21629-00-00	GUARD, MUD	1	
19	97011-06020-00	BOLT	1	
20	92995-06100-00	WASHER, SPRING	1	
21	92901-06600-00	WASHER	1	
22	2U2-W2810-00-00	TOOL KIT	1	
23	(137-23480-00-00)	STEERING LOCK ASSEMBLY	1	
24	98701-06014-00	SCREW, FLAT HEAD	2	
25	1F7-28328-00-00	EMBLEM	1	
26	(542-28338-00-00)	EMBLEM	1	
27	561-24723-01-00	DAMPER, SEAT	2	
28	90480-10178-00	GROMMET	2	



REAR ARM-REAR CUSHION-CHAIN CASE

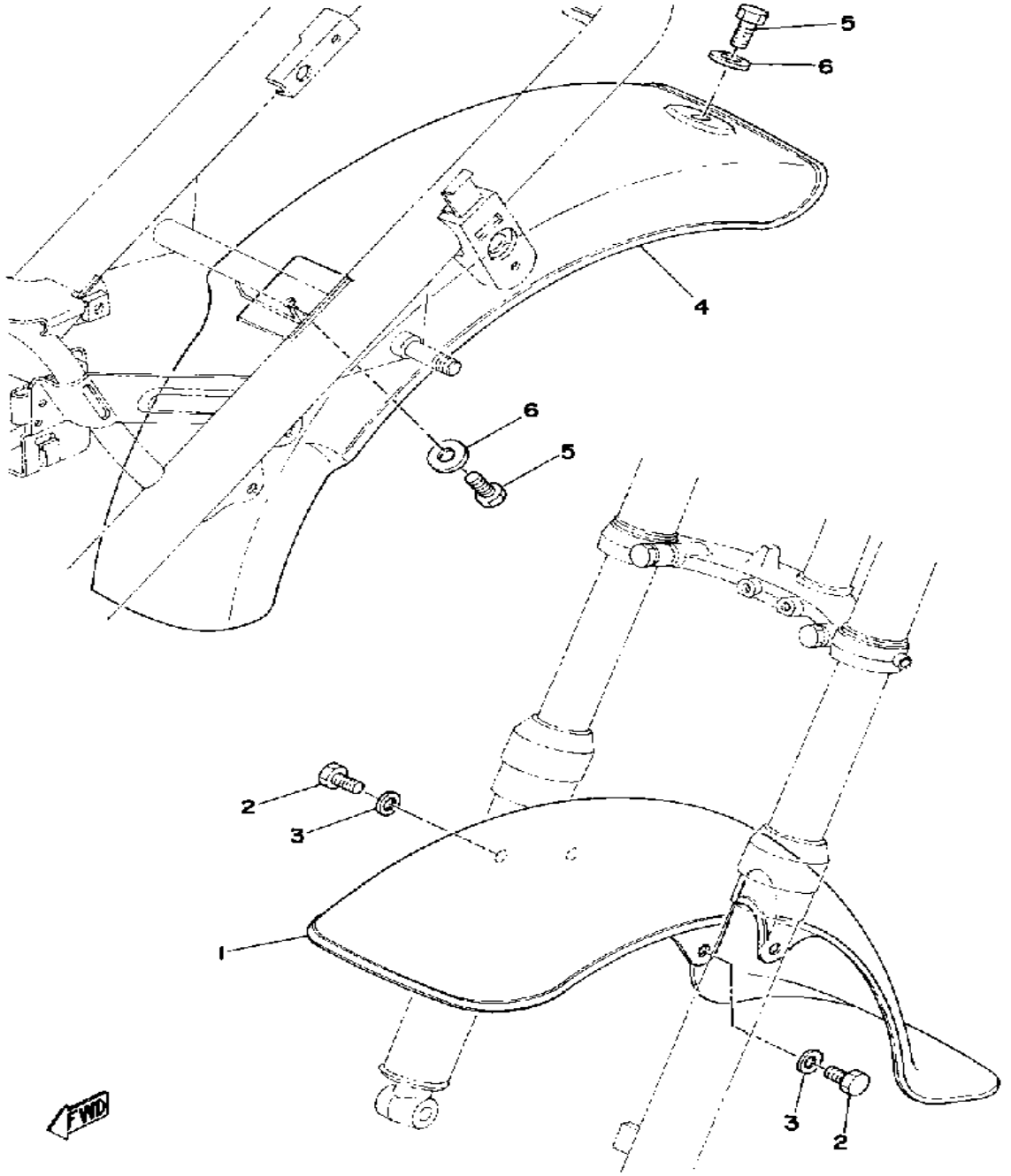
Ref. No.	Part Number	Description	Qty	Remarks
1	(1F1-22110-10-33)	REAR ARM	1	YAMAHA BLACK
2	102-22123-00-00	BUSH 1	2	
3	353-22141-02-00	SHAFT, PIVOT	1	
4	90201-10142-00	WASHER, PLATE (341-22243-00)	1	
5	95601-10100-00	NUT, U (95602-10100-00)	1	
6	(550-22151-00-00)	SEAL, GUARD	1	
7	(550-22179-00-00)	ARM, TENSIONER	1	
8	(550-22178-00-00)	TENSIONER	2	
9	(90387-06268-00)	COLLAR	1	
10	97011-06025-00	BOLT (97001-06025)	1	
11	92995-06100-00	WASHER, SPRING	1	
12	95380-06700-00	NUT	1	
13	(1F1-22122-00-00)	SHAFT 2	1	
14	(90508-20300-00)	SPRING, TORSION	1	
15	99001-08600-00	CIRCLIP	1	
16	561-22210-22-00	SHK/ABS ASSEMBLY, REAR	2	
17	95303-12800-00	NUT (CROWN)	2	
18	90201-12190-00	WASHER, PLATE	4	
19	95303-12800-00	NUT (CROWN)	2	
20	90201-12190-00	WASHER, PLATE	2	
21	550-22311-00-35	CASE, CHAIN	1	SILVER
22	550-22332-00-00	DAMPER, CHAIN CASE	1	
23	98580-05010-00	SCREW, PAN HEAD	2	
24	92990-05100-00	WASHER, SPRING	2	
25	92990-05200-00	WASHER, PLAIN	2	

STAND-CRANK PEDAL



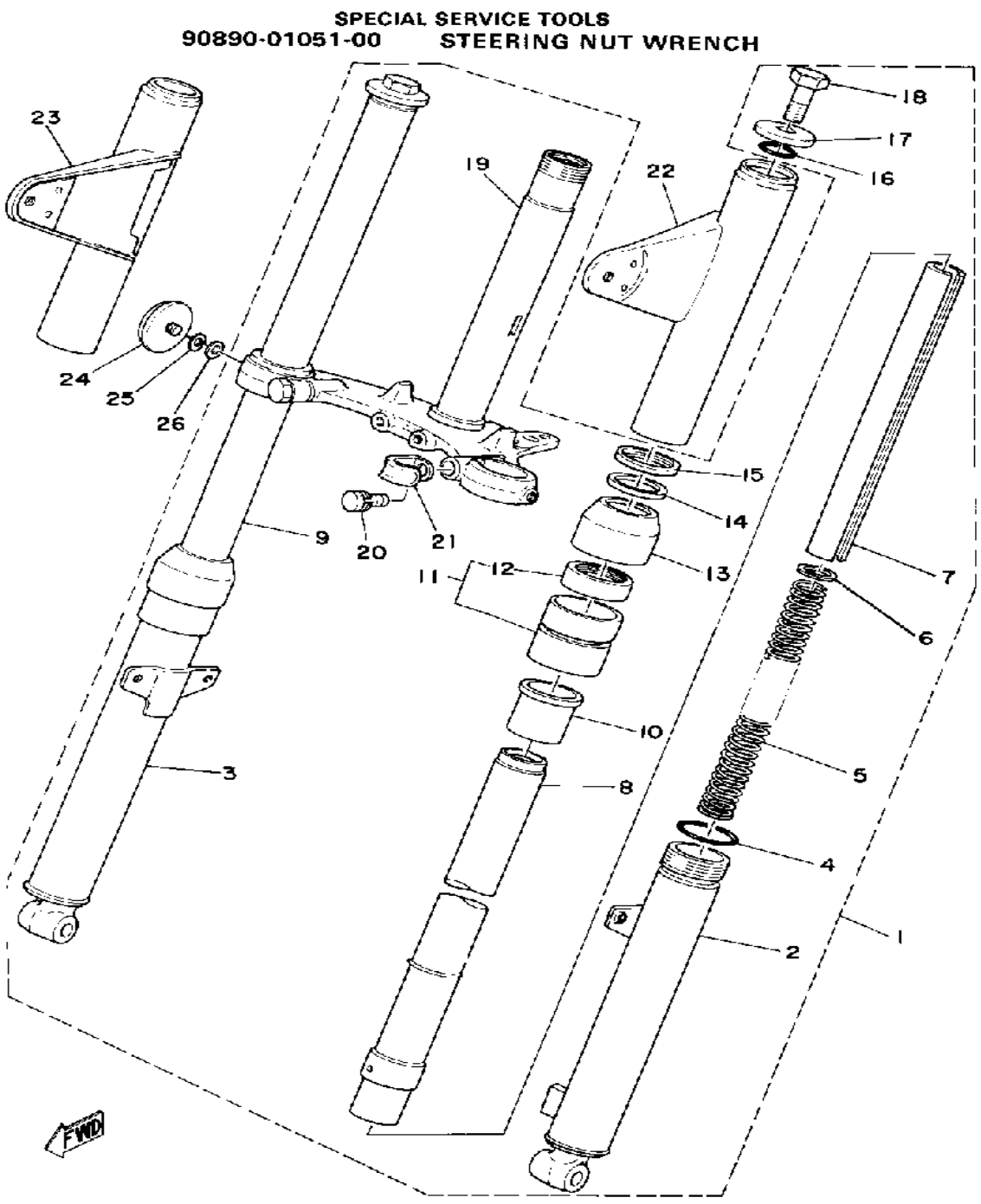
Ref. No.	Part Number	Description	Qty	Remarks
1	1F1-27111-01-00	STAND, MAIN	1	
2	439-27112-00-00	SHAFT, MAIN STAND	1	
3	93430-12008-00	CIRCLIP	1	
4	1M3-27114-00-00	STOPPER, MAIN STAND (10927-11400-00)	1	
5	90506-26270-00	SPRING, TENSION	1	
6	1F1-27810-00-00	CRANK, PEDAL	1	
7	1F1-27815-00-00	. LEVER, CRANK PEDAL	1	
8	90501-08460-00	. SPRING, COMPRESSION	1	
9	91690-30014-00	. PIN, SPRING	1	
10	283-17496-00-00	. KNOB, TRANS SHIFT	1	
11	90249-06005-00	PIN, SPEC''L SHAPE	1	
12	92901-06600-00	WASHER	1	
13	95380-06600-00	NUT	1	
14	1F1-27828-00-00	SPROCKET, PEDAL	1	
15	92990-16200-00	WASHER, PLAIN	1	
16	1F1-27812-00-00	AXLE, PEDAL	1	
17	90251-07001-00	PIN, TAPERED	1	
18	99001-15600-00	CIRCLIP, E-TYPE	1	
19	90501-20132-00	SPRING, COMPRESSION (283-27825-00)	1	
20	93440-25084-00	CIRCLIP	1	
21	1F1-27824-00-00	PIPE, SHAFT	1	
22	(283-27821-00-00)	PEDAL, CRANK R	1	
23	283-27826-00-00	COVER, PEDAL	1	
24	94504-10078-00	JOINT, CHAIN	1	
25	94604-10001-00	. JOINT CHAIN	1	
26	1F1-27850-00-00	PEDAL ASSEMBLY L	1	
27	1F1-27860-00-00	PEDAL ASSEMBLY R	1	

FRONT FENDER-REAR FENDER



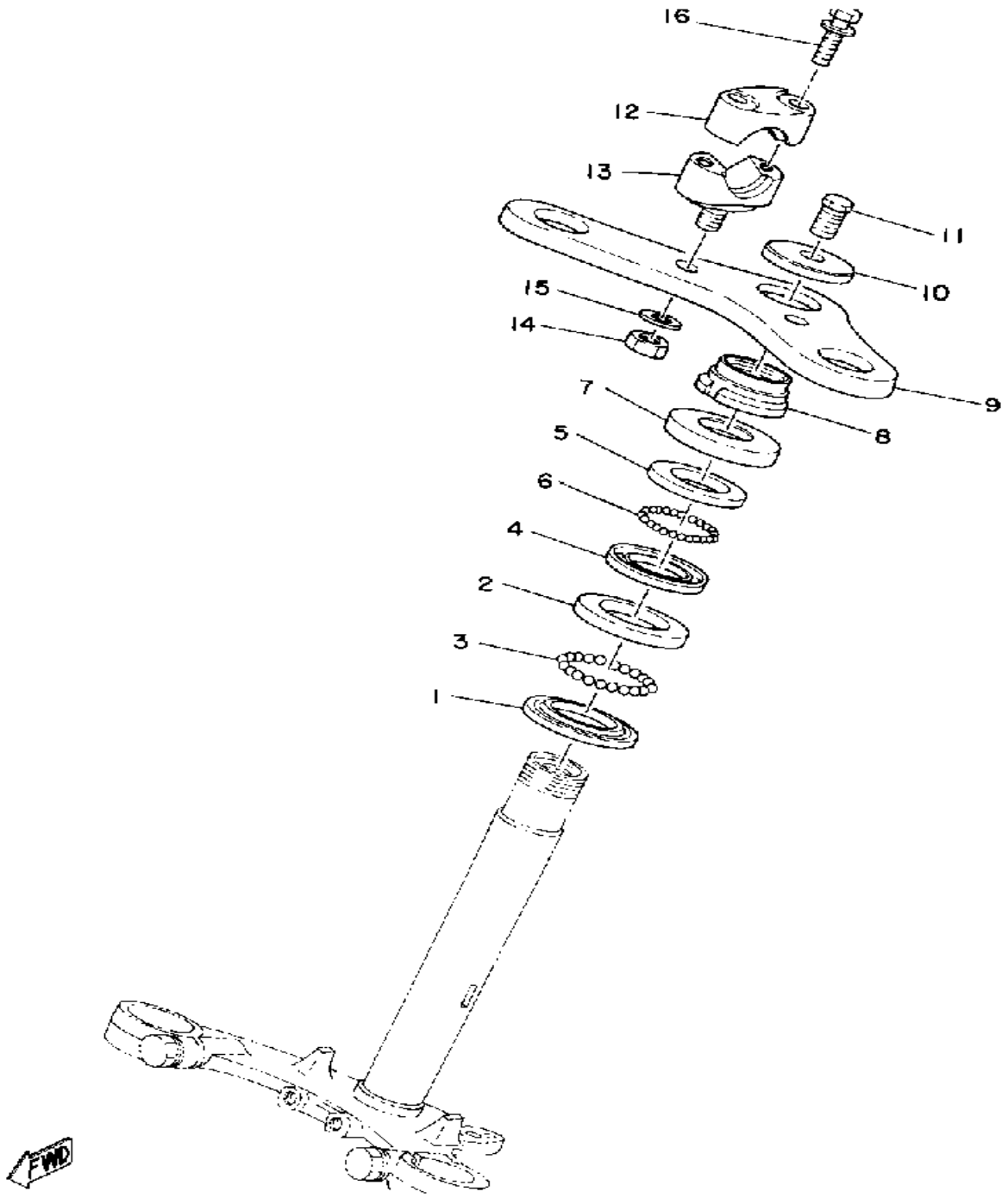
Ref. No.	Part Number	Description	Qty	Remarks
1	439-21511-00-36	FENDER, FRONT	1	WHITE
2	97013-06012-00	BOLT	4	
3	92901-06600-00	WASHER	4	
4	550-21611-00-36	FENDER, REAR	1	WHITE
5	97313-06016-00	BOLT, HEXAGON	2	
6	90201-06067-00	WASHER, PLATE	2	

FRONT FORK



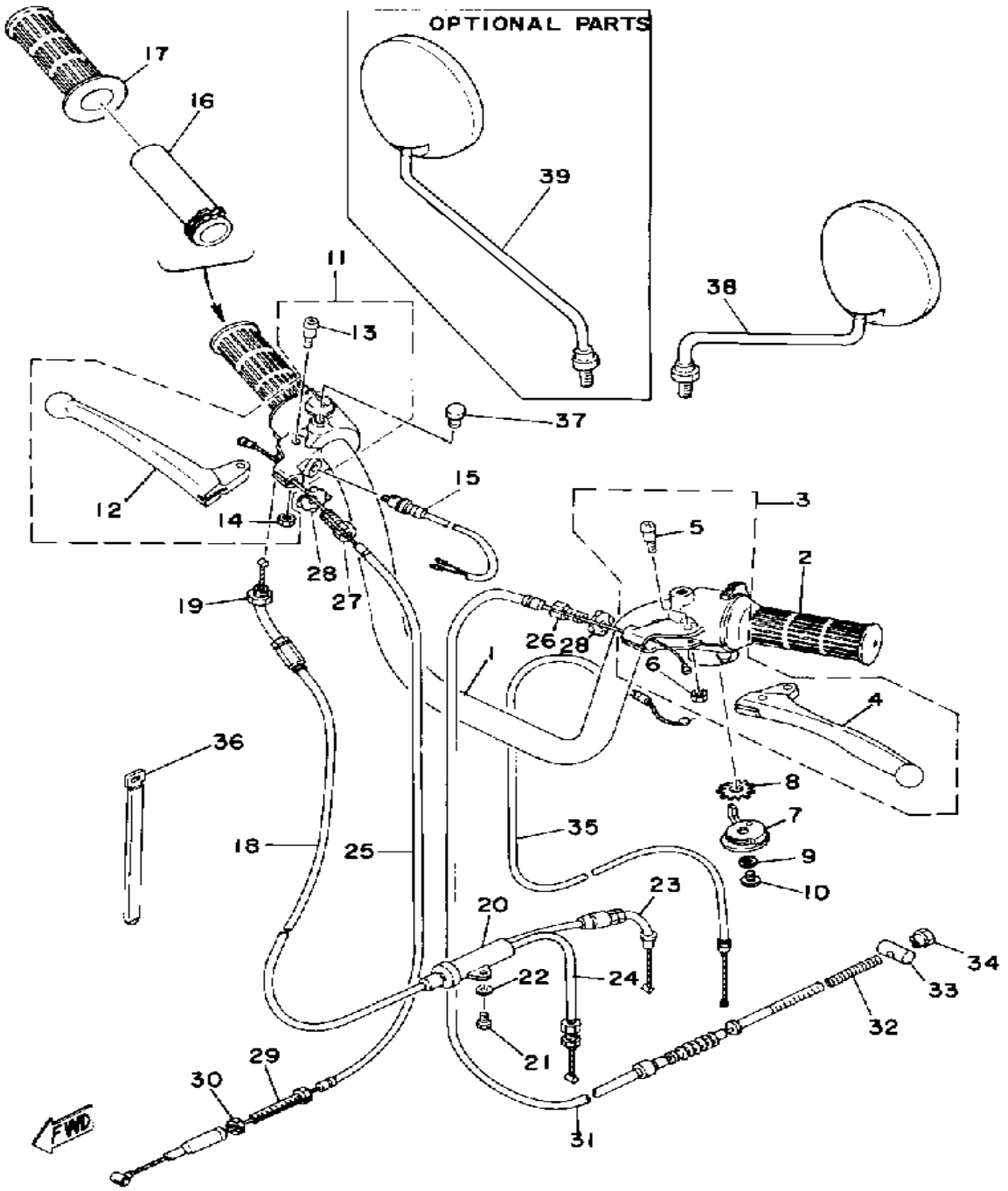
Ref. No.	Part Number	Description	Qty	Remarks
1	(1J9-23101-00-00)	FRONT FORK ASSEMBLY	1	SILVER
2	(2T5-23126-00-35)	TUBE, OUTER 1	1	SILVER
3	(2T5-23136-00-35)	TUBE, OUTER 2	1	SILVER
4	207-23147-00-00	. O-RING	2	
5	(2T5-23141-00-00)	SPRING, FRONT FORK	1	
6	(290-23149-00-00)	WASHER, SPRING UPR	1	
7	(2T5-23166-00-00)	SPACER, OIL LOCK	1	
8	439-23124-00-00	. TUBE, INNER 1	1	
9	1L4-23134-00-00	. TUBE, INNER 2 (439-23134-00)	1	
10	109-23125-00-00	. METAL, SLIDE 1	2	
11	290-23150-01-00	. OUTER NUT	2	
12	109-23145-01-00	. . OIL SEAL	2	
13	290-23144-00-00	. SEAL, DUST	2	
14	164-23163-00-00	. GASKET	2	
15	(354-23115-90-00)	GUIDE, COVER UPPER	2	
16	307-23114-00-00	. O-RING	2	
17	207-23112-00-00	. WASHER, CAP	2	
18	395-23111-00-00	. BOLT, CAP	2	
19	2T5-23340-00-33	. UNDER BRACKET	1	YAMAHA BLACK
20	(1M3-23346-00-00)	BOLT 1	2	
21	260-23318-40-00	. HOLDER, CABLE 1	1	
22	439-23121-00-26	COVER, UPPER 1	1	COMP. YELLOW
	439-23121-00-E1	COVER, UPPER 1	1	CHAPPY RED
23	439-23131-00-26	COVER, UPPER 2	1	COMP. YELLOW
	439-23131-00-E1	COVER, UPPER 2	1	CHAPPY RED
24	355-85111-01-00	REFLECTOR, FRONT 1	2	
25	92990-05100-00	WASHER, SPRING	2	
26	92990-05200-00	WASHER, PLAIN	2	

STEERING



Ref. No.	Part Number	Description	Qty	Remarks
1	156-23411-00-00	RACE, BALL 1	1	
2	156-23412-00-00	RACE, BALL 2	1	
3	93501-04011-00	BALL	19	
4	22F-23412-01-00	RACE, BALL 2	1	
5	22F-23411-01-00	RACE, BALL 1	1	
6	93503-16010-00	BALL	22	
7	122-23416-00-00	COVER, BALL RACE 2	1	
8	90179-25051-00	NUT	1	
9	(439-23435-01-93)	CROWN, HANDLE	1	SILVER
10	90209-10021-00	WASHER, SPEC''L SHAP	1	
11	90105-10006-00	BOLT, WASHER BASED	1	
12	462-23441-00-00	HOLDER, HANDLE UPR (122-23441-00-00)	2	
13	462-23442-00-98	HOLDER, HANDLE LWR (122-23442-02-00)	2	
14	95303-10600-00	NUT (95301-10600)	2	
15	92990-10100-00	WASHER, SPRING	2	
16	90119-06017-00	BOLT, WITH WASHER	4	

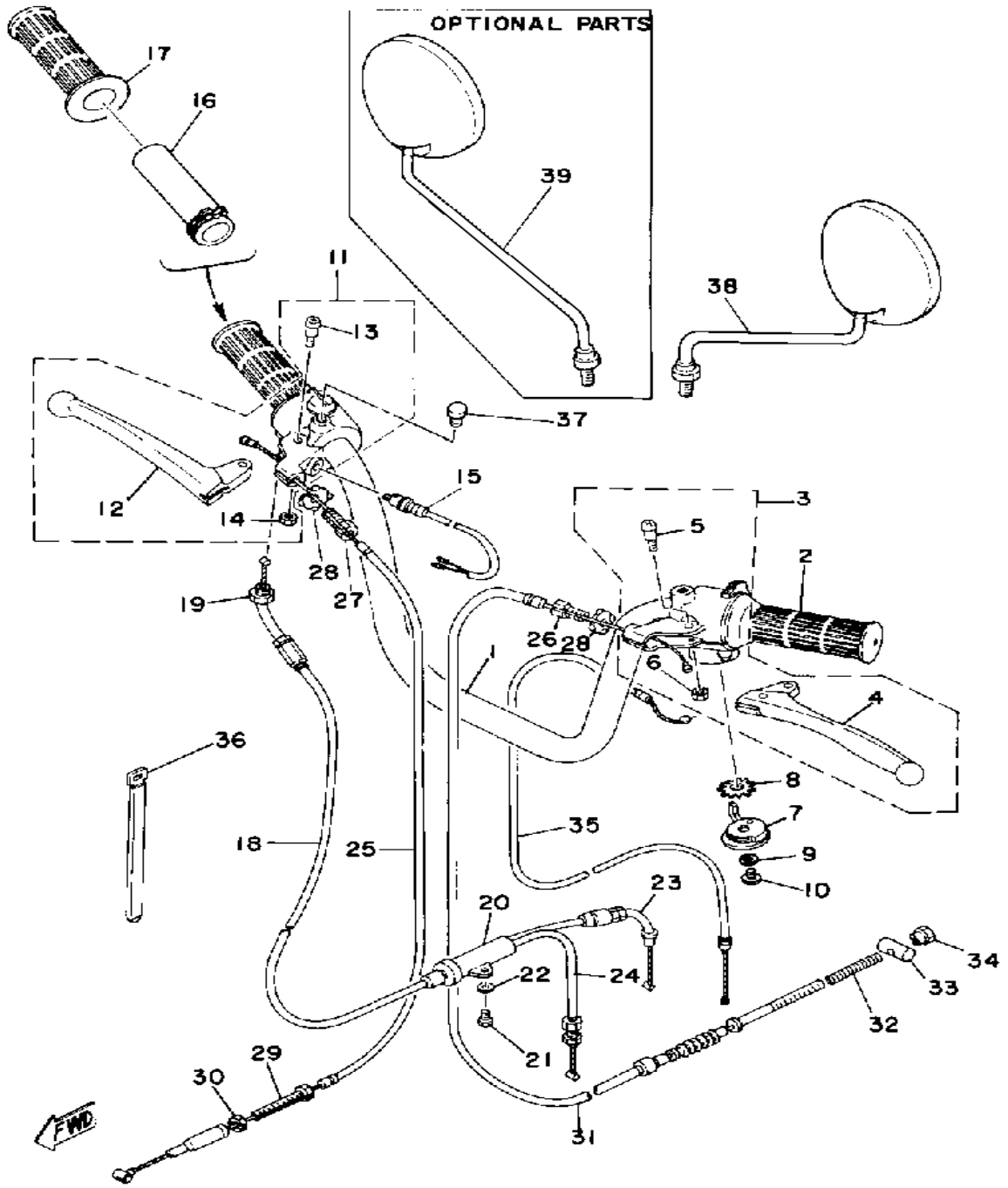
HANDLE -WIRE



Ref. No.	Part Number	Description	Qty	Remarks
1	(542-26111-01-00)	HANDLEBAR	1	
2	353-26241-00-00	GRIP LH	1	
3	591-W8271-01-00	LEVER HOLDER ASSEMBLY	1	
4	137-83912-02-38	. LEVER L	1	
5	90149-05120-00	. SCREW, SPEC''L SHAPE	1	
6	95380-05600-00	. NUT	1	
7	439-83941-02-00	LEVER, STARTER	1	
8	90209-10131-00	WASHER	1	
9	92990-06200-00	WASHER	1	
10	98580-06008-00	SCREW, PAN HEAD	1	
11	542-W8292-01-00	LEVER HOLDER ASSEMBLY R	1	
12	2N3-83922-00-00	. LEVER R	1	
13	90149-05121-00	. SCREW	1	
14	95380-05600-00	. NUT	1	
15	395-83980-00-00	STOP SWITCH ASSEMBLY	1	
16	1V1-26243-00-00	TUBE, THRTL GUIDE	1	
17	353-26242-00-00	GRIP RH	1	
18	439-26311-00-00	CABLE, THROTTLE 1	1	
19	90170-10038-00	NUT, HEXAGON	1	
20	137-26261-01-00	CONNECTOR, CABLE	1	
21	97313-06016-00	BOLT, HEXAGON	1	
22	92901-06600-00	WASHER	1	
23	439-26321-00-00	CABLE, PUMP	1	
24	1V8-26312-00-00	CABLE, THROTTLE 2	1	
25	439-26341-00-00	CABLE, BRAKE	1	
26	90123-08013-00	BOLT	1	
27	90123-08046-00	BOLT	1	
28	90179-08316-00	NUT	2	
29	90123-06011-00	BOLT	1	

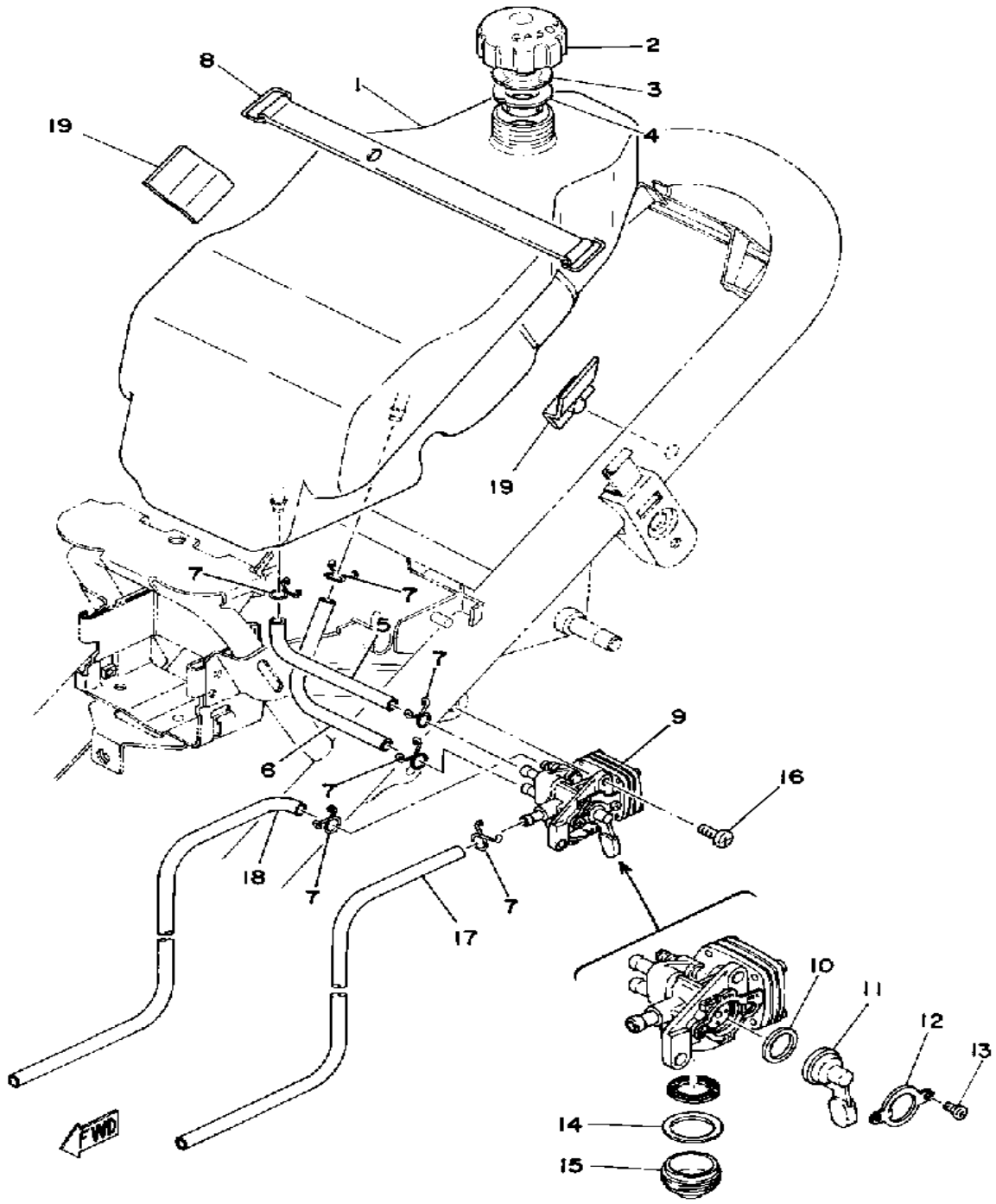
CONTINUED ON NEXT FRAME ➤

HANDLE -WIRE



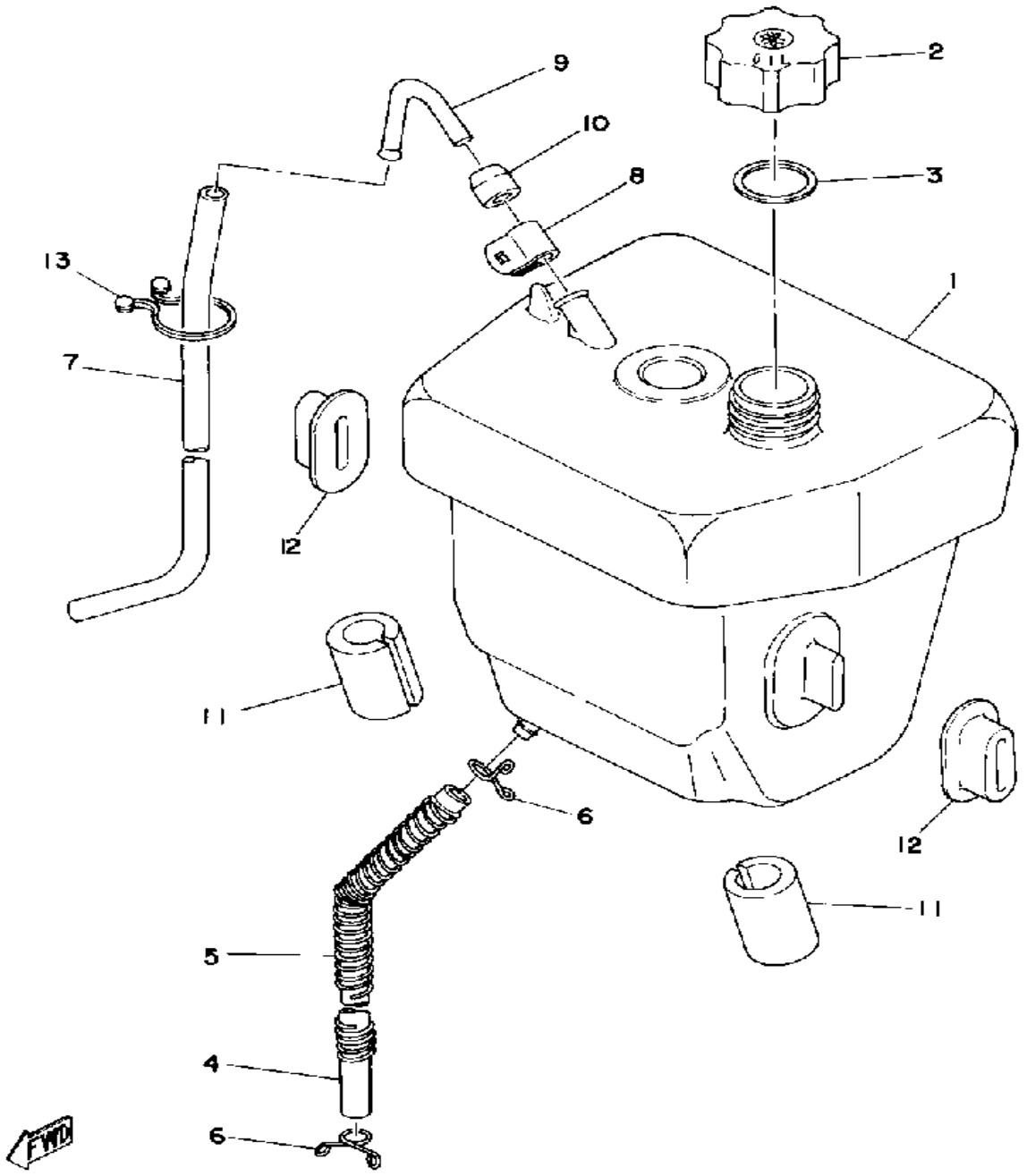
Ref. No.	Part Number	Description	Qty	Remarks
30	90179-06143-00	NUT, SPEC''L SHAPE	1	
31	439-26351-01-00	CABLE, BRAKE	1	
32	90501-10245-00	SPRING, COMPRESSION	1	
33	90249-12008-00	PIN	1	
34	90179-06411-00	NUT	1	
35	439-26331-00-00	CABLE, STARTER 1	1	
36	341-26397-01-00	BAND	2	
37	90338-07011-00	PLUG, SPEC''L SHAPE	1	
38	1Y0-26290-10-00	MIRROR ASSEMBLY LH	1	
39	1Y0-26290-00-00	MIRROR ASSEMBLY RH	1	OPTIONAL PARTS

FUEL TANK



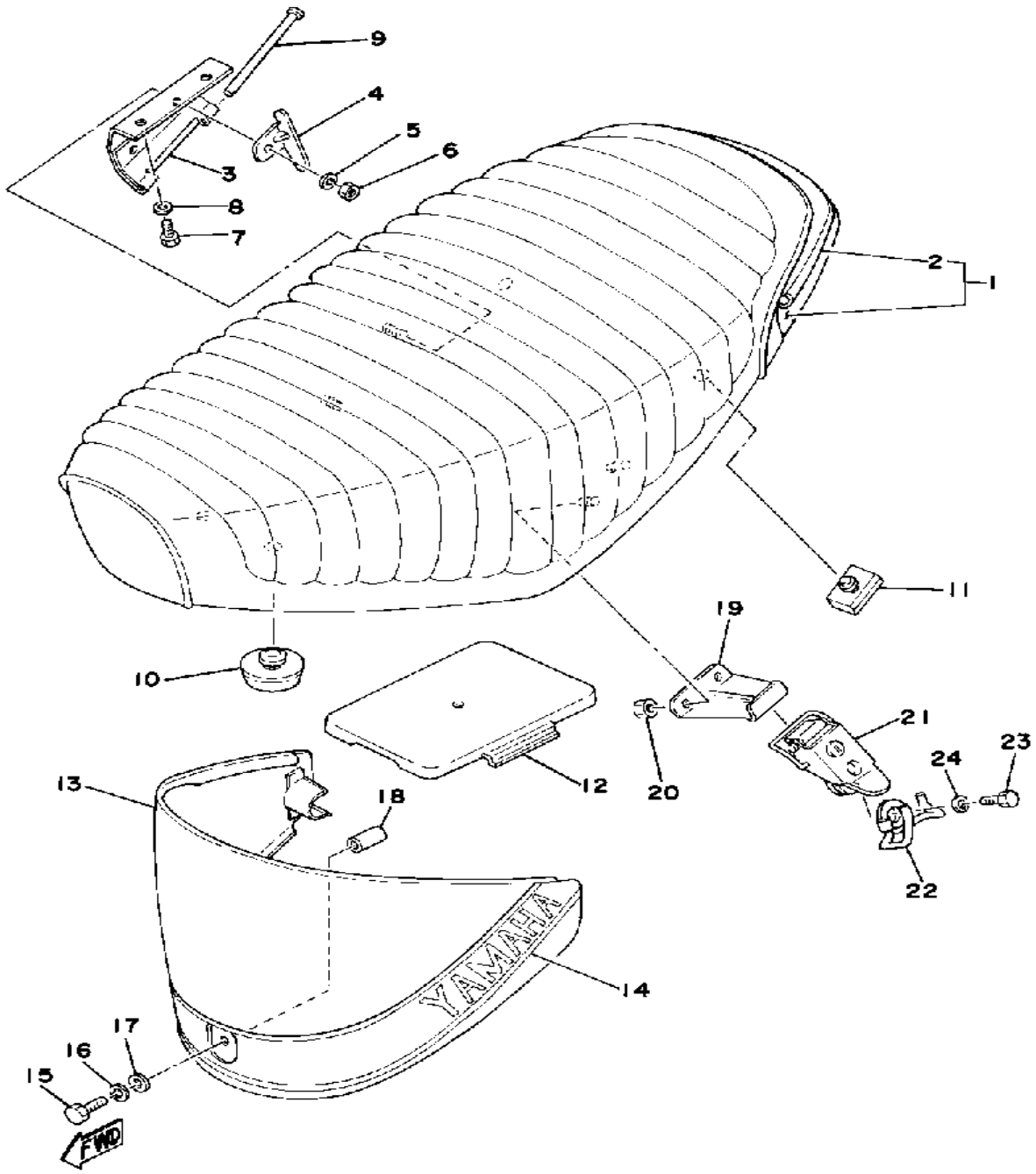
Ref. No.	Part Number	Description	Qty	Remarks
1	(1L4-24111-00-00)	FUEL TANK	1	
2	1L4-24610-00-00	BODY, CAP	1	
3	1L4-24615-00-00	GASKET, PLATE 1	1	
4	1L4-24616-00-00	GASKET, PLATE 2	1	
5	439-24311-00-00	PIPE, FUEL 1	1	
6	90445-09083-00	HOSE	1	
7	90467-08003-00	CLIP	6	
8	561-24173-00-00	BAND, TNK FITTING 1	1	
9	439-24500-02-00	FUEL COCK ASSEMBLY 1	1	
10	266-24523-00-00	. VALVE	1	
11	439-24524-00-00	. LEVER, COCK	1	
12	(439-24525-00-00)	PLATE, LVR FITTING	1	
13	98580-03008-00	. SCREW, PAN HEAD	2	
14	266-24522-00-00	. GASKET	1	
15	266-24521-01-00	. CUP, FILTER	1	
16	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
17	90445-09304-00	HOSE	1	
18	439-24317-00-00	PIPE 7	1	
19	439-24182-00-00	DAMPER, LOCATING 2	2	

OIL TANK

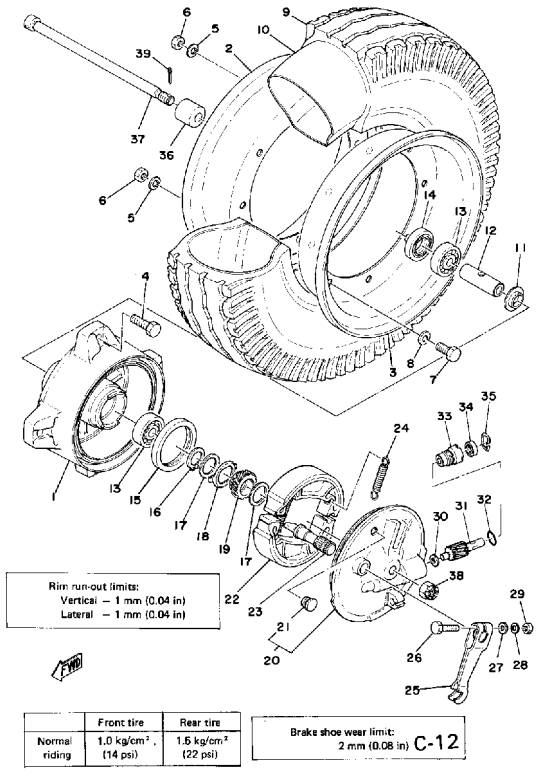


Ref. No.	Part Number	Description	Qty	Remarks
1	99999-01099-00	OIL TANK ASSEMBLY	1	
2	296-21771-62-00	BODY, CAP	1	
3	296-21772-00-00	GASKET, CAP	1	
4	90445-09252-00	HOSE	1	
5	90504-06020-00	SPRING, COMPRESSION	1	
6	90467-08003-00	CLIP	2	
7	90445-09282-00	HOSE	1	
8	(561-21755-00-00)	CLAMP, DAMPER	1	
9	(561-24119-00-00)	TUBE, CONNECTING	1	
10	(439-21759-01-00)	GROMMET, GAUGE	1	
11	439-24181-00-00	DAMPER, LOCATING 1	2	
12	439-21778-01-00	DAMPER, LOCATING 1	2	
13	90464-23041-00	CLAMP	1	

SEAT-UNDER COVER



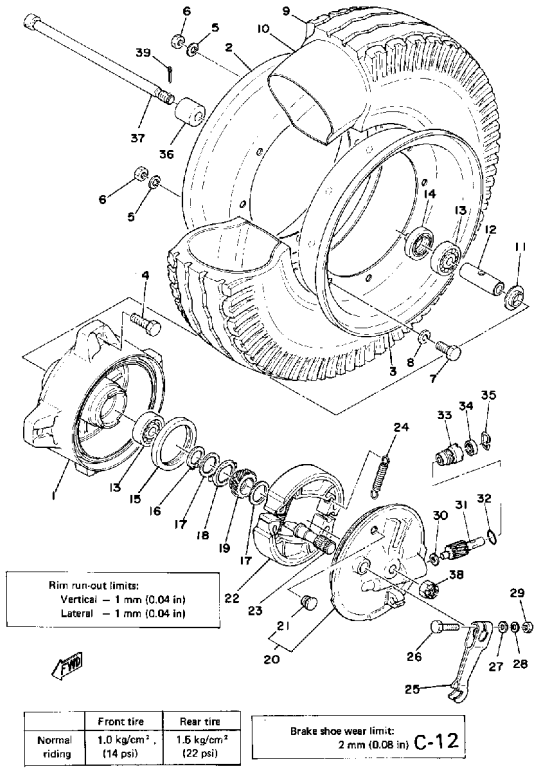
Ref. No.	Part Number	Description	Qty	Remarks
1	1L4-W2471-01-00	SINGLE SEAT ASSEMBLY	1	
2	1L4-24711-01-00	. COVER, SINGLE SEAT	1	
3	(561-24726-00-00)	HINGE, SEAT	1	
4	(561-24768-02-00)	STOPPER	1	
5	92995-06100-00	WASHER, SPRING	2	
6	95380-06600-00	NUT	2	
7	97013-06012-00	BOLT	2	
8	92901-06600-00	WASHER	2	
9	1K8-24774-00-00	PIN	1	
10	1L9-24741-00-00	PAD, SEAT	1	
11	214-24724-00-00	DAMPER, SEAT	2	
12	395-28185-00-00	LID	1	
13	(561-24796-01-26)	COVER	1	COMP. YELLOW
	(561-24796-01-E1)	COVER	1	CHAPPY RED
14	561-21783-00-00	EMBLEM 3	1	
15	97013-06035-00	BOLT	1	
16	(90204-05001-00)	WASHER, SPRING	1	
17	92901-06600-00	WASHER	1	
18	90387-06030-00	COLLAR (46Y)	1	
19	(1F1-24728-00-00)	BRACKET, SEAT	1	
20	95380-06600-00	NUT	2	
21	1K8-24705-00-00	SEAT LOCK ASSEMBLY (2A3-24705-00)	1	
22	341-24818-02-00	HOOK, HELMET	1	
23	97011-06025-00	BOLT (97001-06025)	1	
24	92901-06600-00	WASHER	1	



FRONT WHEEL

Ref. No.	Part Number	Description	Qty	Remarks
1	(439-25111-01-35)	HUB, FRONT	1	
2	1L4-25337-00-00	PANEL, WHEEL 1	1	SILVER
3	1L4-25347-00-35	PANEL, WHEEL 2	1	SILVER
4	90101-08249-00	BOLT	4	
5	92990-08100-00	WASHER	8	
6	95333-08600-00	NUT	8	
7	97313-08016-00	BOLT, HEXAGON	4	
8	92901-08600-00	WASHER	4	
9	94140-081M1-00	400-8 TR	1	
10	94240-08136-00	TUBE	1	
11	2E9-25116-00-00	FLANGE, SPACER 2	1	
12	90560-10104-00	SPACER	1	
13	93306-30003-00	BEARING (B6300Z)	2	
14	93102-20009-00	OIL SEAL	1	
15	93105-47007-00	OIL SEAL	1	
16	99009-20400-00	CIRCLIP	1	
17	90201-20269-00	WASHER, PLATE	2	
18	183-25149-00-00	CLUTCH, METER	1	
19	(439-25135-00-00)	GEAR, DRIVE	1	
20	393-25016-10-35	BRAKE SHOE PLT ASSEMBLY	1	
21	90480-10068-00	. GROMMET	1	
22	10X-W2536-00-00	BRAKESHOE SET-2PCS	2	
23	122-25351-02-00	CAMSHAFT	1	
24	90506-16150-00	SPRING, TENSION (102-25333-00)	2	
25	109-25155-00-00	LEVER, CAMSHAFT 1	1	
26	90101-06278-00	BOLT	1	
27	92901-06600-00	WASHER	1	
28	92995-06100-00	WASHER, SPRING	1	

CONTINUED ON NEXT FRAME ➤

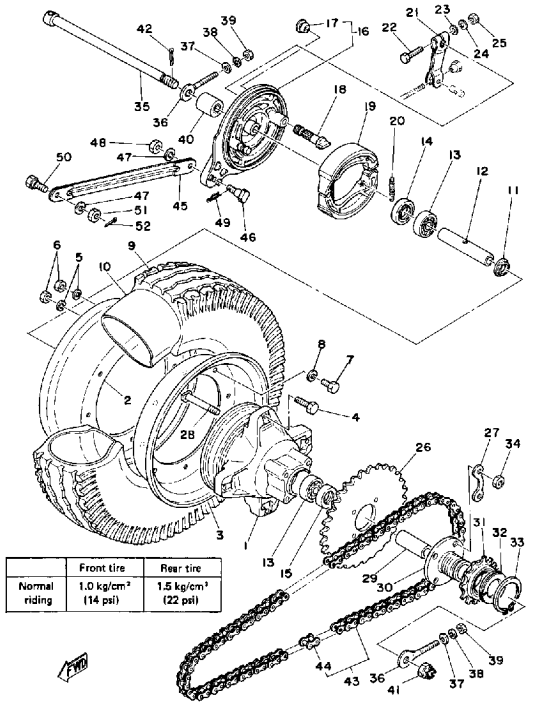


	Front tire	Rear tire
Normal riding	1.0 kg/cm² (14 psi)	1.5 kg/cm² (22 psi)

Brake shoe wear limit: 2 mm (0.08 in) C-12

FRONT WHEEL

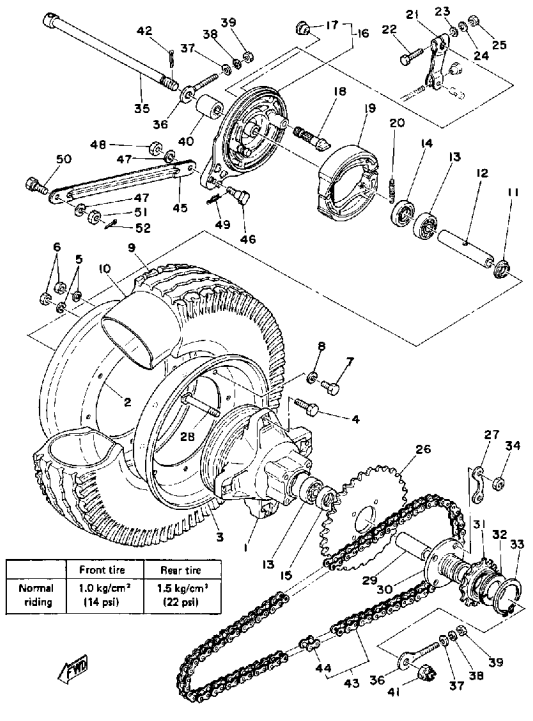
Ref. No.	Part Number	Description	Qty	Remarks
29	95380-06600-00	NUT	1	
30	90201-07076-00	WASHER, PLATE	1	
31	(439-25138-00-00)	GEAR, METER	1	
32	93210-14104-00	O-RING	1	
33	109-25136-00-00	BUSH	1	
34	93104-07003-00	OIL SEAL	1	
35	102-25137-00-00	RING, STOP	1	
36	90387-10081-00	COLLAR (128-25183-00)	1	
37	99999-02216-00	AXLE, WHEEL KIT	1	
38	90171-10004-00	NUT, CASTLE	1	
39	91490-20020-00	PIN, COTTER	1	



REAR WHEEL

Ref. No.	Part Number	Description	Qty	Remarks
1	(439-25311-00-00)	HUB, REAR	1	
2	1L4-25337-00-00	PANEL, WHEEL 1	1	SILVER
3	1L4-25347-00-35	PANEL, WHEEL 2	1	SILVER
4	90101-08249-00	BOLT	4	
5	92990-08100-00	WASHER	8	
6	95333-08600-00	NUT	8	
7	97313-08016-00	BOLT, HEXAGON	4	
8	92901-08600-00	WASHER	4	
9	94140-081M1-00	400-8 TR	1	
10	94240-08136-00	TUBE	1	
11	109-25315-00-00	FLANGE, SPACER	1	
12	90560-12110-00	SPACER (439-25317-00)	1	
13	93306-30103-00	BEARING (B6301Z)	2	
14	93104-21016-00	OIL SEAL, SO-TYPE	1	
15	93102-20009-00	OIL SEAL	1	
16	(339-25320-10-00)	BRAKE SHOE PLT ASSEMBLY	1	
17	90480-10068-00	. GROMMET	1	
18	122-25351-02-00	CAMSHAFT	1	
19	10X-W2536-00-00	BRAKESHOE SET-2PCS	2	
20	90506-16150-00	SPRING, TENSION (102-25333-00)	2	
21	102-25355-01-00	LEVER, CAMSHAFT	1	
22	90101-06278-00	BOLT	1	
23	92901-06600-00	WASHER	1	
24	92995-06100-00	WASHER, SPRING	1	
25	95380-06600-00	NUT	1	
26	109-25431-10-33	SPROCKET, DRIVN 31T	1	YAMAHA BLACK
	109-25432-10-00	SPROCKET, DRIVN 32T	1	STD6YAMAHA BLACK
	109-25433-10-00	SPROCKET, DRVN 33T	1	YAMAHA BLACK

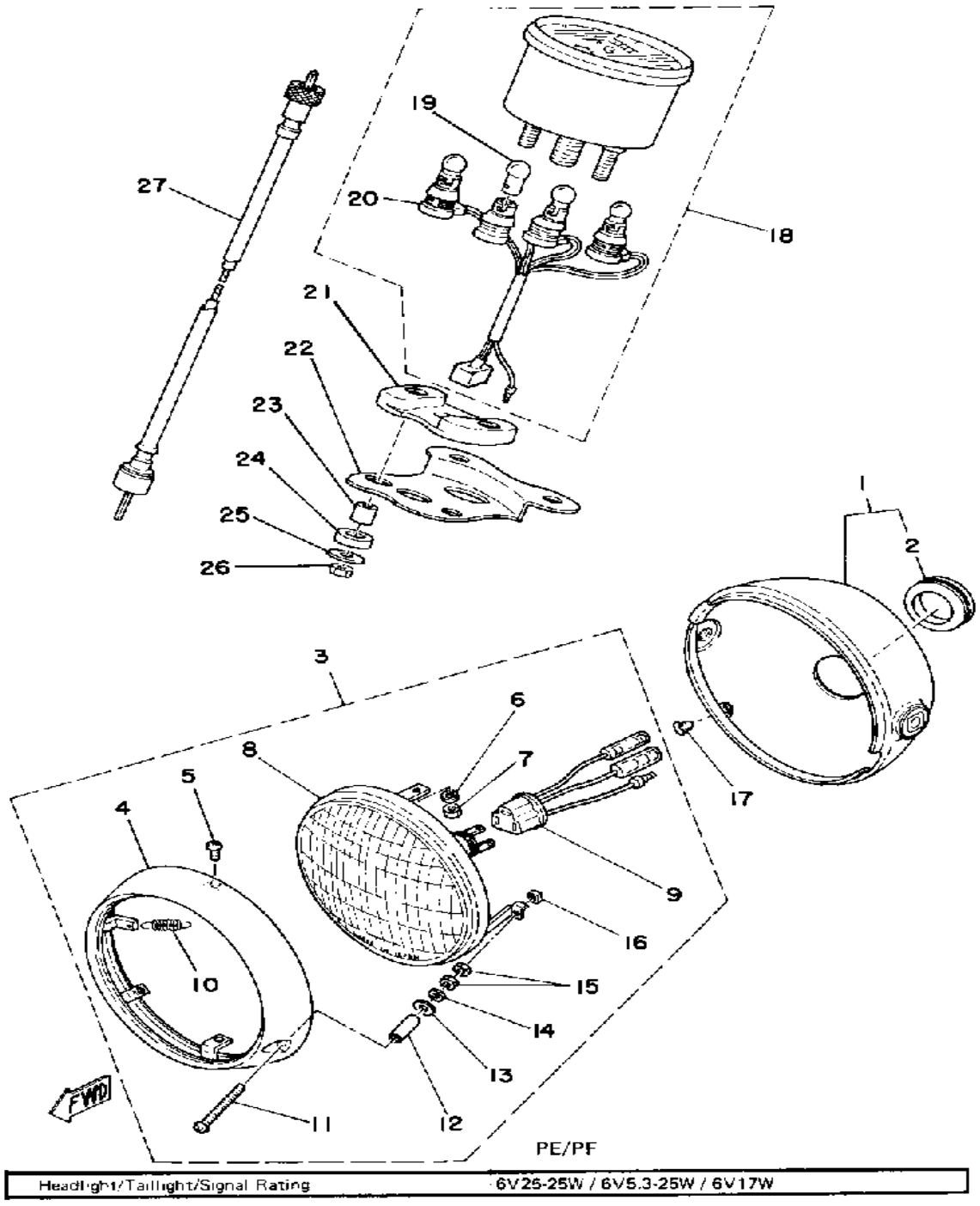
CONTINUED ON NEXT FRAME ➤



REAR WHEEL

Ref. No.	Part Number	Description	Qty	Remarks
27	2A3-25412-00-00	WASHER	2	
28	90109-08411-00	BOLT	4	
29	90387-12502-00	COLLAR	1	
30	(550-25521-01-00)	BOSS	1	
31	34N-25510-00-00	FREE WHEEL ASSEMBLY	1	
32	(550-25522-00-00)	HOLDER	2	
33	93410-48020-00	CIRCLIP, S-TYPE	1	
34	90170-08158-00	NUT	4	
35	550-25381-00-00	AXLE, WHEEL	1	
36	102-25389-00-00	PULLER, CHAIN 2	2	
37	92901-06600-00	WASHER	2	
38	92995-06100-00	WASHER, SPRING	2	
39	95380-06600-00	NUT	2	
40	90387-12412-00	COLLAR	1	
41	90171-12005-00	NUT, CASTLE	1	
42	91401-30030-00	PIN, COTTER	1	
43	94580-52096-00	420M-96RD	1	
44	94680-52001-00	. JOINT, CHAIN (DID 420M)	1	
45	353-25371-00-00	BAR, TENSION	1	
46	90109-08183-00	BOLT	1	
47	92990-08100-00	WASHER	2	
48	95303-08700-00	NUT	1	
49	90468-10050-00	CLIP	1	
50	90109-08368-00	BOLT	1	
51	90179-08288-00	NUT, SPEC''L SHAPE	1	
52	91490-20020-00	PIN, COTTER	1	

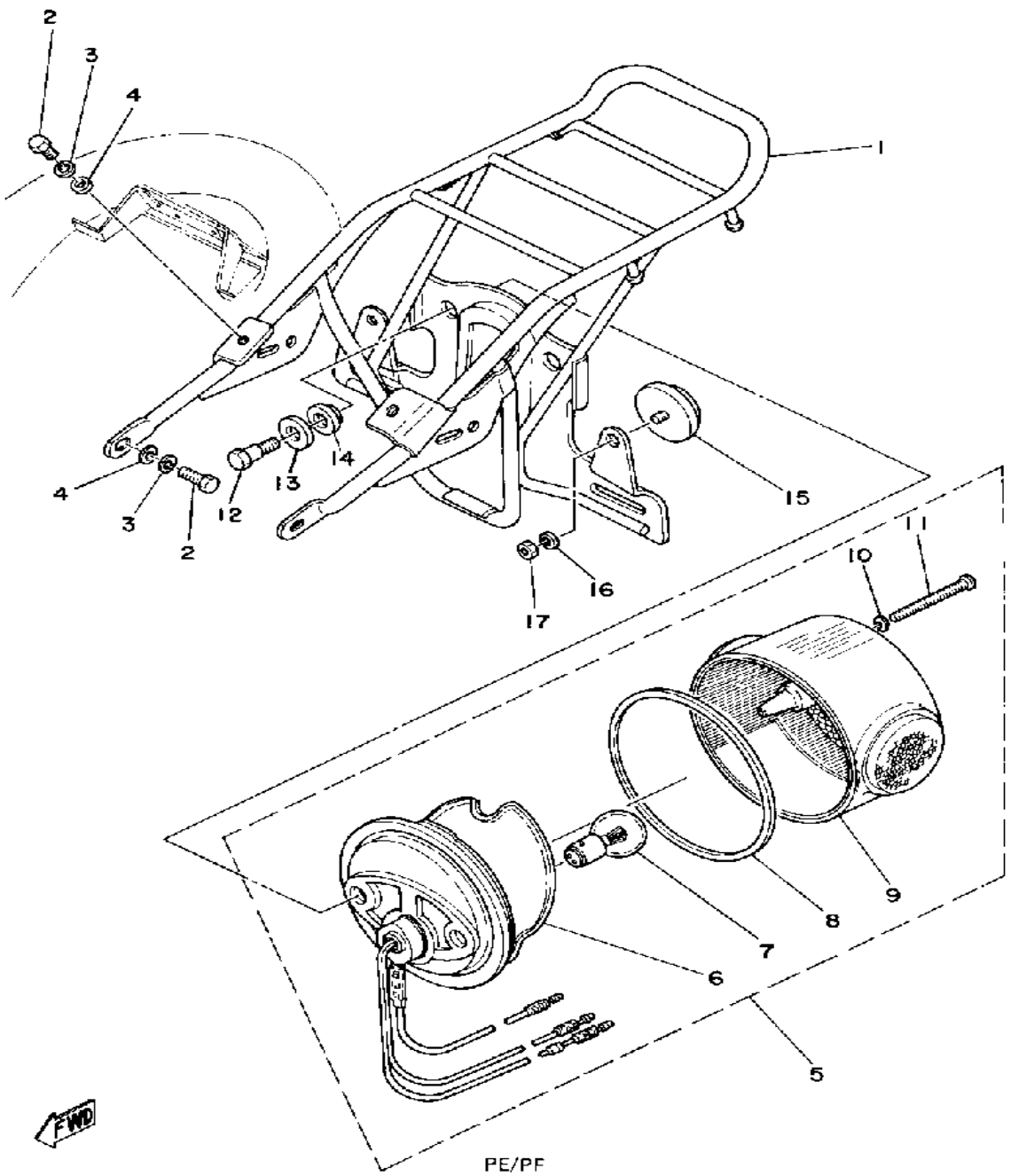
HEAD LAMP-SPEEDOMETER



Headlight/Taillight/Signal Rating	6V25-25W / 6V5.3-25W / 6V17W

Ref. No.	Part Number	Description	Qty	Remarks
1	393-84130-61-26	BODY ASSEMBLY, HEADLIGHT	1	COMP. YELLOW
	393-84130-61-E1	BODY, HEAD LAMP	1	CHAPPY RED
2	214-84153-60-00	. GROMMET, WIREHERNESS .	2	
3	388-84110-61-00	HEADLIGHT UNIT ASSEMBLY .	1	
4	261-84315-61-00	. RIM, HEADLIGHT	1	
5	98580-04010-00	. SCREW, PAN HEAD	2	
6	92901-04100-00	. WASHER, SPRING	2	
7	95301-04700-00	. NUT (95302-04700)	2	
8	388-84120-61-00	. LENS ASSEMBLY	1	
9	371-84312-60-00	. SOCKET	1	
10	(132-84335-60-00)	SPRING	1	
11	(198-84331-60-00)	SCREW, RIM ADJUSTING	1	
12	233-84133-60-00	. COLLAR, SCREW	1	
13	92901-04600-00	. WASHER, PLATE	1	
14	132-84328-60-00	. SPACER	1	
15	95301-04700-00	. NUT (95302-04700)	2	
16	198-84334-60-00	. NUT, ADJUSTING	1	
17	90152-05005-00	SCREW, COUNTERSUNK	1	
18	(2F7-83510-60-00)	SPEEDOMETER ASSEMBLY . .	1	MILE/H
19	122-83516-10-00	. BULB (122-83516-10)	4	
20	(2F7-83520-60-00)	SOCKET CORD ASSEMBLY . .	1	
21	(355-83513-00-00)	DAMPER	1	
22	(439-83519-00-33)	BRACKET, METER	1	YAMAHA BLACK
23	355-83522-00-00	COLLAR	2	
24	355-83526-00-00	DAMPER 2	2	
25	90201-06412-00	WASHER, PLATE	2	
26	95380-06600-00	NUT	2	
27	3T5-83550-80-00	SPEEDOMETER CABLE	1	

CARRIER-TAIL LAMP



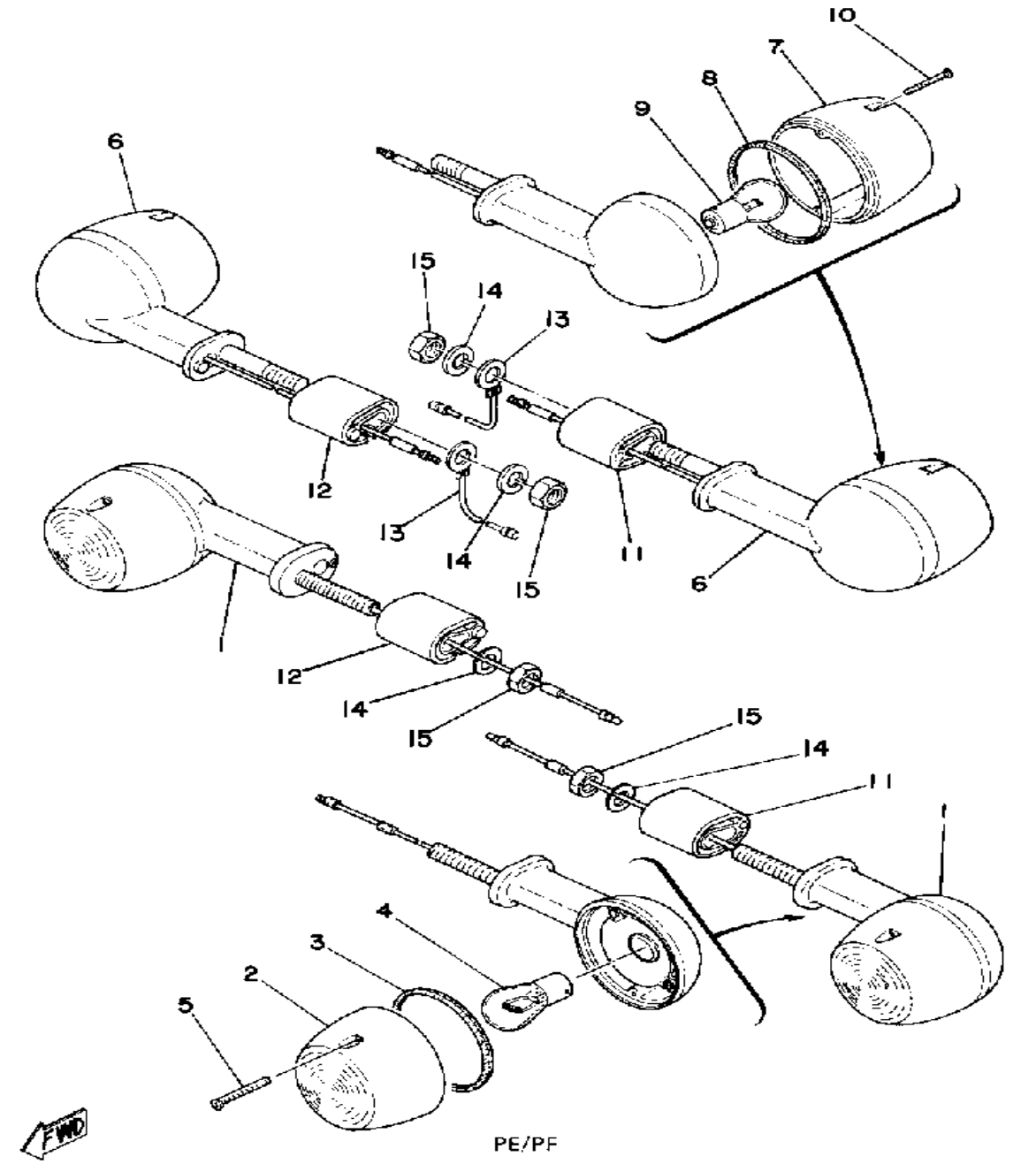
PE/PF

Headlight/Taillight/Signal Rating	6V 25-25W / 6V 5.3-25W / 6V 17W

Ref. No.	Part Number	Description	Qty	Remarks
1	(542-24810-01-00)	CARRIER ASSEMBLY	1	
2	97301-06014-00	BOLT, HEXAGON	4	
3	92995-06100-00	WASHER, SPRING	4	
4	92901-06600-00	WASHER	4	
5	437-84510-62-00	TAILLIGHT UNIT ASSEMBLY	1	
6	(444-84711-61-00)	BASE, TAILLIGHT	1	
7	1M1-84514-60-00	. BULB	1	
8	275-84523-60-00	. GASKET, LENS	1	
9	341-84721-60-00	. LENS, TAILLIGHT	1	
10	341-84722-60-00	. WASHER	3	
11	98580-04055-00	. SCREW, LENS FITTING	3	
12	(479-84526-00-00)	SCREW	2	
13	2H7-84754-00-00	WASHER, SPECIAL	2	
14	275-84527-60-00	DAMPER	2	
15	449-85131-02-00	REFLECTOR, REAR 1	2	
16	92990-05100-00	WASHER, SPRING	2	
17	95380-05600-00	NUT	2	

FLASHER LAMP

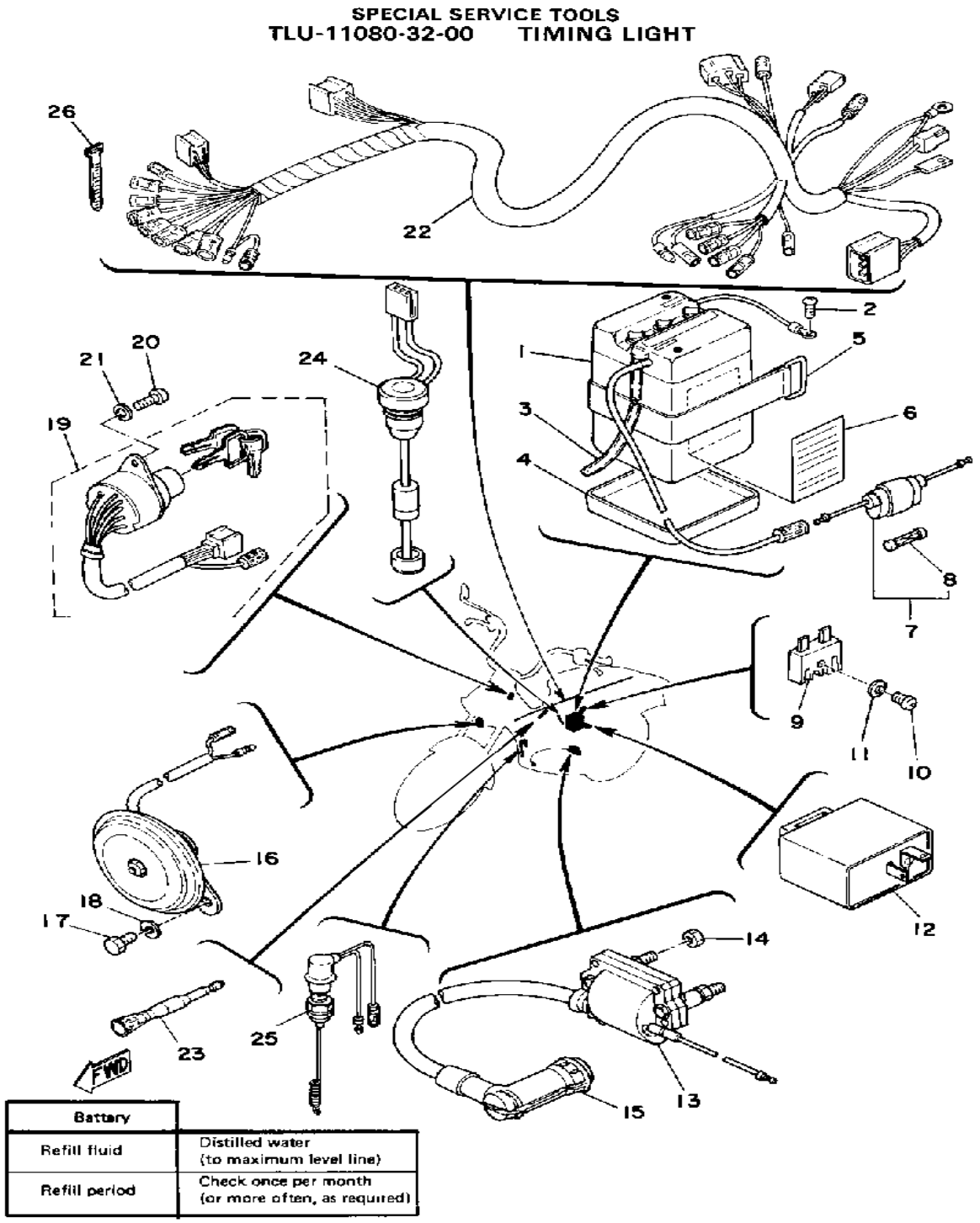
Ref. No.	Part Number	Description	Qty	Remarks
1	542-83310-60-93	FRT FLSHR LITE ASSEMBLY .	2	
2	183-83312-70-00	. LENS, FLASHER	2	
3	183-83313-70-00	. GASKET, FLSHR LENS	2	
4	115-83311-60-00	. BULB, FLASHER	2	
5	183-83333-71-00	. SCREW, LENS FITTING	4	
6	260-83310-30-93	R FLSHR LITE ASSEMBLY . . .	2	
7	211-83332-75-00	. LENS, FLASHER	2	
8	183-83313-70-00	. GASKET, FLSHR LENS	2	
9	115-83311-60-00	. BULB, FLASHER	2	
10	183-83333-71-00	. SCREW, LENS FITTING	4	
11	260-83316-30-00	COLLAR, FLASHER 1	2	
12	260-83326-30-00	COLLAR, FLASHER 2	2	
13	256-84313-01-00	WIRE, EARTH	2	
14	92990-08100-00	WASHER	4	
15	95333-08600-00	NUT	4	



PE/PF

Headlight/Taillight/Signal Rating	6V25-25W / 6V5.3-25W / 6V17W

ELECTRICAL



Battery	
Refill fluid	Distilled water (to maximum level line)
Refill period	Check once per month (or more often, as required)

Ref. No.	Part Number	Description	Qty	Remarks
1	BTG-6N42A-20-00	GS 6N4-2A-2 (6N4-2A-2) (308-82110-10)	1	FURUKAWA
2	98580-06010-00	SCREW, PAN HEAD (92503-06010)	1	
3	(90445-08247-00)	HOSE	1	
4	268-82122-00-00	SEAT, BATTERY	1	
5	122-82131-00-00	BAND, BATTERY	1	
6	118-82141-09-00	LABEL, BATTERY	1	
7	55K-82150-01-00	FUSE HOLDER ASS''Y (55K-82150-00-00)	1	
8	116-82151-00-00	. FUSE (10A)	2	
9	353-81970-63-00	RECTIFIER ASSEMBLY		
	353-81970-63-00	RECTIFIER ASSEMBLY	1	
10	98580-05020-00	SCREW, PAN HEAD	1	
11	92901-05600-00	WASHER, PLATE	1	
12	2F7-83350-60-00	FLASHER RELAY ASSEMBLY	1	
13	355-82310-40-00	IGNITION COIL ASSEMBLY	1	
14	95380-06600-00	NUT	2	
15	56J-82370-00-00	PLUG CAP ASSEMBLY	1	
16	439-83371-11-00	HORN	1	
17	97013-06012-00	BOLT	2	
18	92995-06100-00	WASHER, SPRING	2	
19	2F7-82508-50-00	MAIN SWITCH ASSEMBLY	1	
20	98580-05010-00	SCREW, PAN HEAD	2	
21	92990-05100-00	WASHER, SPRING	2	
22	(2U7-82590-20-00)	WIRE HARNESS ASSEMBLY	1	
23	517-81980-A0-00	DIODE ASSY	1	
24	4L0-85720-00-00	OIL LVL GUAGE ASSEMBLY	1	
25	1J7-82530-02-00	STOP SWITCH	1	
26	437-83936-01-00	BAND, SWITCH CORD	4	

LB50PE
1978 SERVICE DATA

MOTORCYCLE
M8-021

MODEL — IBM I.D. NUMBER	LB50PE 2U7
Initial Engine Number/Frame Number	2U7-000101 / 2U7-000101
Basic Color(s)	Chappy Red
ENGINE TYPE	2-Stroke, air-cooled, reed valve
Bore/Stroke/Number Cylinders/Displacement (cc)	40.0mm / 39.7mm / 1 / 49.8cc
Compression Ratio/Compression Pressure min.~max.	6.6:1 / ϕ
Piston Skirt Clearance new/max.	.025 ~ .030mm / 0.1mm
Ring End Gap top/2nd/3rd	0.15 ~ 0.35mm / same / ϕ
Valve Clearance (cold) Intake/Exhaust	ϕ
Oil Pressure hot/rpm	ϕ
Oil Tank or Engine Sump Capacity	1.4 liter Yamalube 2*
AUTOLUBE — Min. stroke/Color code	0.15 ~ 0.20mm / Gray
Minimum Output @ 200 strokes	0.38 ~ 0.50cc
Maximum Output @ 200 strokes	1.8 ~ 2.15cc
CARBURETOR — mfr./type/I.D. number	Mikuni / VM10SC / 1J800
Main Jet/Pilot Jet	70 / 15
Needle Jet/Jet Needle-Clip Position	E-4 / 3G9-4
Slide Cutaway or Throttle Valve	3.0
Float Level	22±1mm
Idle RPM	1350
SUSPENSION	
Front Forks: Oil type/level/qty	10 wt. Fork Oil / ϕ / L:96cc R:120cc
Gas Pressure	ϕ
Spring Length std	359.5mm
Monoshock: Oil type/qty	ϕ
Gas Pressure	ϕ
TRANSMISSION — oil type/qty chg/qty reassemble	SAE10W30 or Yamalube 4* / 650cc / 700cc
Primary drive type	Helical gear (2 speed automatic)
Secondary drive type/teeth/chain	Chain / 32-13 / DID420-92L
Clutch Friction Plate Thickness std ~ min.	2.5 ~ 2.0mm
Clutch Spring Length std ~ min.	ϕ
Tires size (nominal pressure)	F:4.00-8 (1.0kg/cm^2 / 14 psi) R:4.00-8 (1.5kg/cm^2 / 22 psi)
ELECTRICAL — Ignition System	AC Magneto, External Rotor
Charging System	Flywheel Magneto
Maximum Output	6V-3A @ 8000 rpm
Field Coil Color Code/Ω	ϕ
Charging Coil Color Code/Ω	Grn-Red ~ Gnd / 0.54Ω±10%
Source Coil Color Code/Ω	Blk ~ Gnd / 1.63Ω±10%
Lighting Coil Color Code/Ω	Yel ~ Gnd / 0.30Ω±10%
Pulse Coil or Pickup Coil Color Code/Ω	ϕ
Ignition Coil test gap/Primary Ω / Secondary Ω	10mm / 1.0Ω±10% / 5.9kΩ±20%
Battery—model/spec. grav./chg rate	6N4-2A-2 / 1.260 / 0.4A
Headlight/Taillight/Signal Rating	6V25-25W / 6V5.3-25W / 6V17W
Point Gap/Condenser Capacitance	0.3 ~ 0.4mm / 0.25μF±15%
Spark Plug Type	NGK B-6HS
Spark Plug Gap/Torque/Cap Ω	0.6 ~ 0.7mm / 2.0 ~ 3.0m-kg / 5.0kΩ±10%
Timing Static	1.8mm BTDC
Dynamic	No Advance

ϕ = Does Not Apply To This Model

* Available from Yamaha Parts Distributors, Inc.

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LB50PF
1979 SERVICE DATA

MOTORCYCLE
M8-037

MODEL — IBM I.D. NUMBER	LB50PF 2U7
Initial Engine Number/Frame Number	2U7-004101 / 2U7-004101
Basic Color(s)	Competition Yellow
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 3.5 lit. (.9 gal.) / 0.5 lit. (0.1 gal.)
Dry Vehicle Weight	76 kg (162 lbs.)
ENGINE TYPE	2-Stroke, Air-Cooled, Reed Valve
Bore/Stroke/Number Cylinders/Displacement (cc)	40.0mm / 39.7mm / 1 / 49.8cc
Compression Ratio/Compression Pressure min ~ max	6.6: 1 / N/A
Piston Skirt Clearance new/max.	0.025 ~ 0.030mm / 0.1mm
Ring End Gap top/2nd/3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / ϕ
Valve Clearance (cold) Intake/Exhaust	ϕ
Oil Pressure hot/rpm	ϕ
Oiling System	Autolube
Capacity: Dry	1.4 lit.
Oil and Filter Change	ϕ
Oil Change	ϕ
Lubricant: Temp above 5°C (40°F)	Yamalube 2* or Equivalent
Below 15°C (60°F)	Yamalube 2* or Equivalent
AUTOLUBE — Min. Stroke/Color Code	0.15mm ~ 0.20mm / Gray
Minimum Output @ 200 cycles	0.38 ~ 0.50cc
Maximum Output @ 200 cycles	1.8 ~ 2.14cc
CARBURETOR — Mfr./Type/I.D. Number	Mikuni / VM10SC / 2U700 or 1J800
Main Jet/Pilot Jet	70 / 15
Needle Jet/Jet Needle-Clip Position	E-4 / 3G9-4
Slide Cutaway or Throttle Valve	2U7 Type: 3.5, 1J8 Type: 3.0
Float Level	22 ± 1mm
Idle RPM	1350 rpm
CO % @ Idle (Diagnostic Use Only)	N/A
SUSPENSION	
Front Forks: Oil Type/Level/Qty.	10, 20, or 30 wt. Fork Oil* / ϕ / L: 96cc R: 120cc
Gas Pressure	ϕ
Spring Length Std.	359.5mm
Monoshock: Oil Type/Qty.	ϕ
Gas Pressure	ϕ
Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm
Tire Size (Nominal Pressure)	F: 4.00-8(1.0kg/cm^2/14 psi) R: 4.00-8(1.5kg/cm^2/21 psi)
TRANSMISSION — Oil Type/Qty Chg/Qty Reassemble	SAE 10W30 SE / 650cc / 700cc
Primary Drive Type/Teeth/Ratio	Helical Gear / 69-18 / 3.833
Secondary Drive Type/Teeth/Chain	Chain / 32-13 / DID420-92L
Clutch Friction Plate Thickness Std ~ min.	2.5 ~ 2.0mm
Clutch Spring Length Std ~ min.	ϕ
Middle Gear Case Capacity	ϕ
Final Gear Case Capacity	ϕ
Gear Case Lubricant: Temp above 5°C (40°F)	ϕ
Temp below 15°C (60°F)	ϕ
All Weather Conditions	ϕ

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CHARGING SYSTEM	Flywheel Magneto / Single Phase / Half Wave
Battery: Model / Spec. Grav. / Chg. Rate	GS 6N4-2A-2(6V-4A) / 1.26 / 0.4A
Maximum Output	7.5V3A @ 8,000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	ϕ
Charge Coil Color Code / Ω	Grn-Red ~ Blk / 0.54 Ω ± 10%
IGNITION SYSTEM	Flywheel Magneto - External Rotor
Ignition Timing	1.8mm BTDC
Spark Plug Type	NGK B-6HS
Spark Plug Gap / Torque / Cap Ω	0.6 ~ 0.7mm / 2.0-3.0 m-kg / 5.0K Ω ± 10%
Point Gap / Condenser Capacitance	0.30 ~ 0.40mm / 0.25 μF ± 15%
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	10mm / 1.0 Ω ± 10% / 5.9K Ω ± 20%
Pulse Coil or Pick-up Coil Color Code / Ω	ϕ
Source Coil Color Code / Ω	Blk ~ Gnd / 1.63 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V25-25W / 6V25-5.3W / 6V17W
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Yel ~ Blk / 0.30 Ω ± 10%
TORQUE VALUES	
Front Axle Nut	10 x 1.25: 3.9 m-kg
Front Axle Holder Nut	ϕ
Rear Axle Nut	12 x 1.25: 6.0 m-kg
Rear Axle Pinch Bolt	ϕ
Clutch Nut	ϕ
Drain Plug	ϕ 12 x 1.5: 2.0 m-kg
Cylinder Head Cover	ϕ
Cylinder Head:	6 x 1.0: 1.0 m-kg
Engine Mounting Bolts:	8 x 1.25: 1.5 m-kg

ϕ Does Not Apply to This Model

* Available From Yamaha Parts Distributors, Inc.

CHARGING SYSTEM	Flywheel Magneto / Single Phase / Half Wave
Battery: Model / Spec. Grav. / Chg. Rate	GS 6N4-2A-2(6V-4A) / 1.26 / 0.4A
Maximum Output	7.5V3A @ 8,000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	ϕ
Charge Coil Color Code / Ω	Grn-Red ~ Blk / 0.54 Ω ± 10%
IGNITION SYSTEM	Flywheel Magneto - External Rotor
Ignition Timing	1.8mm BTDC
Spark Plug Type	NGK B-6HS
Spark Plug Gap / Torque / Cap Ω	0.6 ~ 0.7mm / 2.0-3.0 m-kg / 5.0K Ω ± 10%
Point Gap / Condenser Capacitance	0.30 ~ 0.40mm / 0.25 μF ± 15%
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	10mm / 1.0 Ω ± 10% / 5.9K Ω ± 20%
Pulse Coil or Pick-up Coil Color Code / Ω	ϕ
Source Coil Color Code / Ω	Blk ~ Gnd / 1.63 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V25-25W / 6V25-5.3W / 6V17W
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Yel ~ Blk / 0.30 Ω ± 10%
TORQUE VALUES	
Front Axle Nut	10 x 1.25: 3.9 m-kg
Front Axle Holder Nut	ϕ
Rear Axle Nut	12 x 1.25: 6.0 m-kg
Rear Axle Pinch Bolt	ϕ
Clutch Nut	ϕ
Drain Plug	ϕ 12 x 1.5: 2.0 m-kg
Cylinder Head Cover	ϕ
Cylinder Head:	6 x 1.0: 1.0 m-kg
Engine Mounting Bolts:	8 x 1.25: 1.5 m-kg

ϕ Does Not Apply to This Model

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