YAMAHA

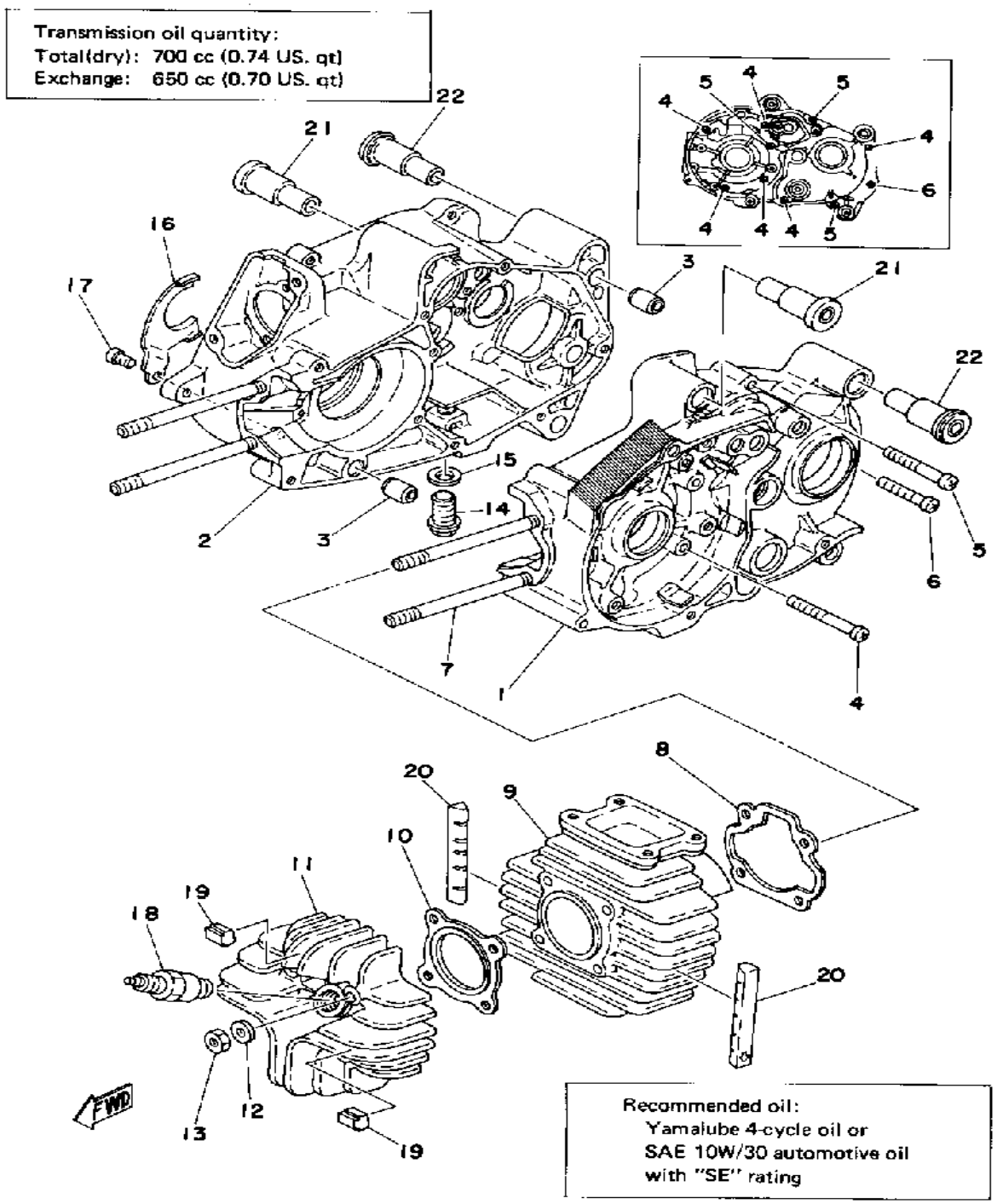
GENUINE

PARTS CATALOGUE

MOTORCYCLE

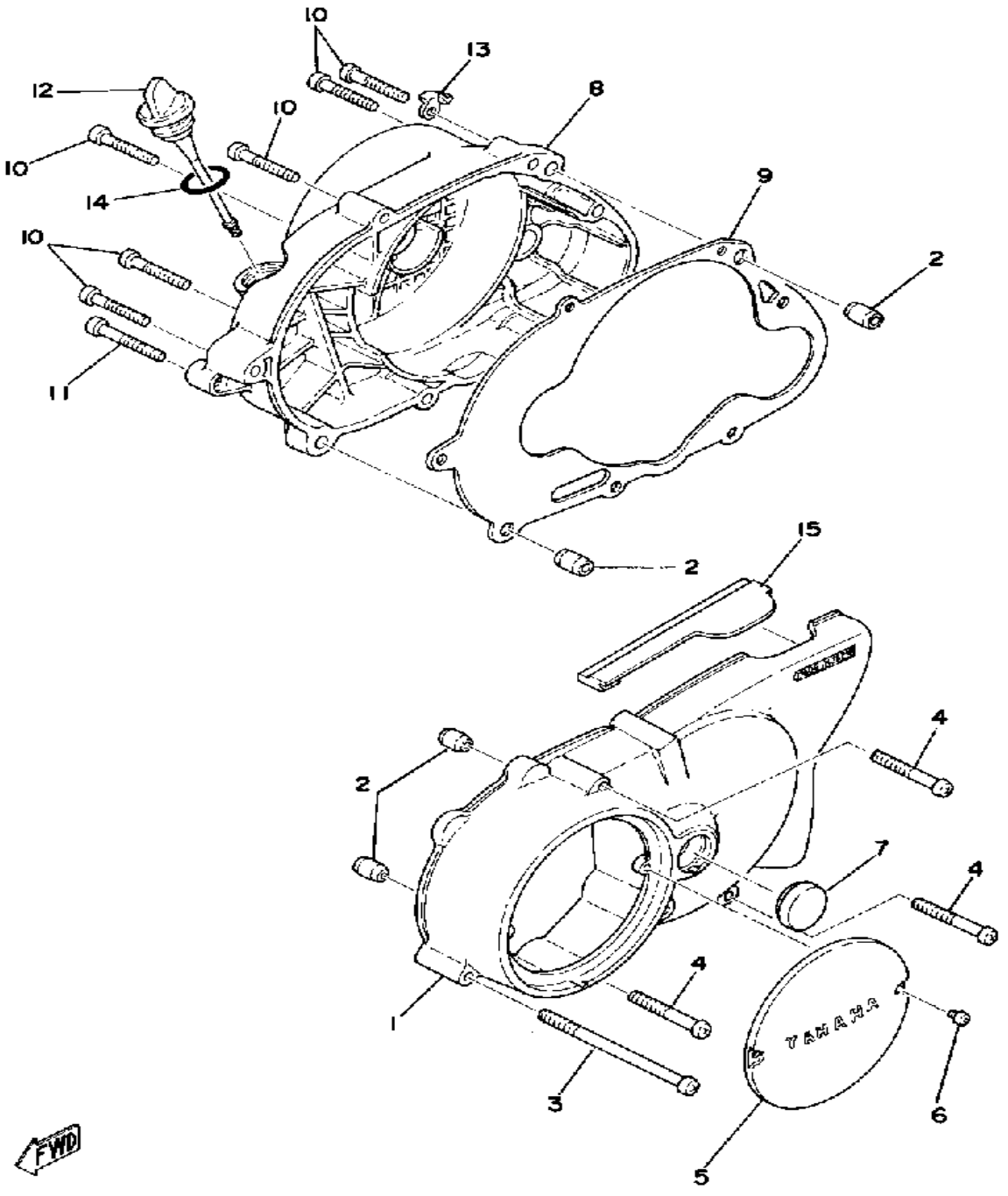
A1

CRANKCASE - CYLINDER



Ref. No.	Part Number	Description	Qty	Remarks
1	(1L7-15111-01-00)	CRANKCASE 1	1	
2	(1L7-15121-02-00)	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	90116-06100-00	BOLT, STUD	4	
8	440-11351-01-00	GASKET, CYLINDER	1	
9	(1F5-11311-00-00)	CYLINDER 1	1	
10	1F5-11181-00-00	GASKET, CYLINDER HEAD 1	1	
11	(527-11111-00-94)	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	
19	434-11161-00-00	ABSORBER 1	4	
20	(1F5-11162-00-00)	ABSORBER 2	2	
21	296-15316-00-00	DAMPER, ENGINE MOUNT 1	2	
22	296-15316-00-00	DAMPER, ENGINE MOUNT 1	2	

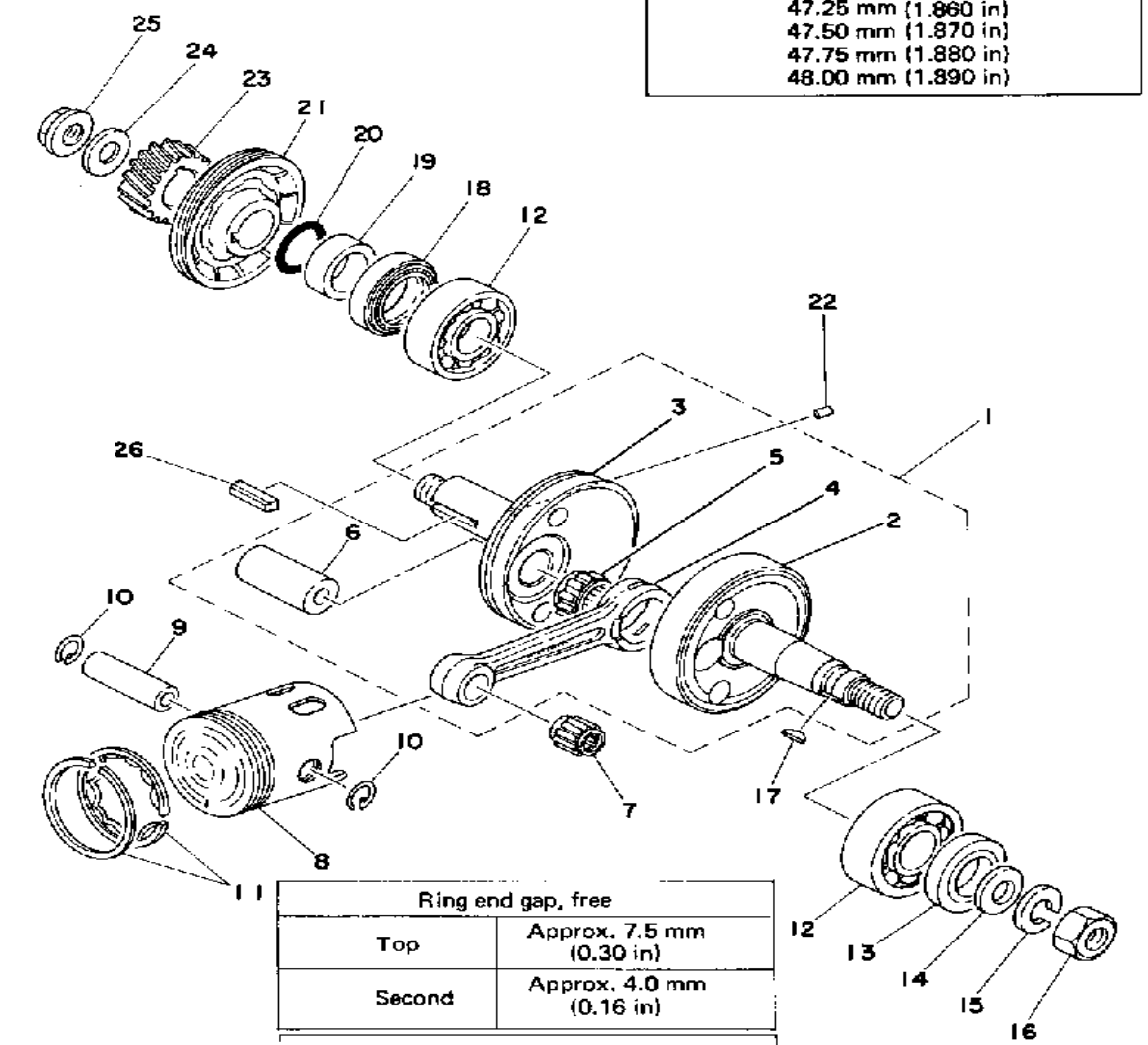
CRANKCASE COVER



Ref. No.	Part Number	Description	Qty	Remarks
1	(1L6-15411-00-00)	COVER, CRANKCASE L	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	257-15417-01-00	COVER, CAP	1	
8	(517-15421-01-00)	COVER, CRANKCASE R	1	
9	4AW-15451-00-00	GASKET, CRANKCASE COVER 1	1	
10	92501-06035-00	SCREW, PIN HEAD	6	
11	98580-06040-00	SCREW, pan head (92501-06040-00)	1	
12	4L0-15362-00-00	PLUG, OIL LEVEL	1	
13	(1L7-15378-00-00)	HOLDER	1	
14	93210-21190-00	O-RING	1	
15	(1M3-15492-01-00)	COVER	1	

Ring groove clearance		
	Minimum	Maximum
Second	0.03 mm (0.0012 in)	0.05 mm (0.0020 in)

Piston clearance	
Minimum	Maximum
0.025 mm (0.0010 in)	0.030 mm (0.0012 in)
Piston over size	
47.25 mm (1.860 in) 47.50 mm (1.870 in) 47.75 mm (1.880 in) 48.00 mm (1.890 in)	



Ring end gap, free	
Top	Approx. 7.5 mm (0.30 in)
Second	Approx. 4.0 mm (0.16 in)

Ring end gap, installed		
	Minimum	Maximum
Top	0.15 mm (0.006 in)	0.35 mm (0.014 in)
Second	0.15 mm (0.006 in)	0.35 mm (0.014 in)

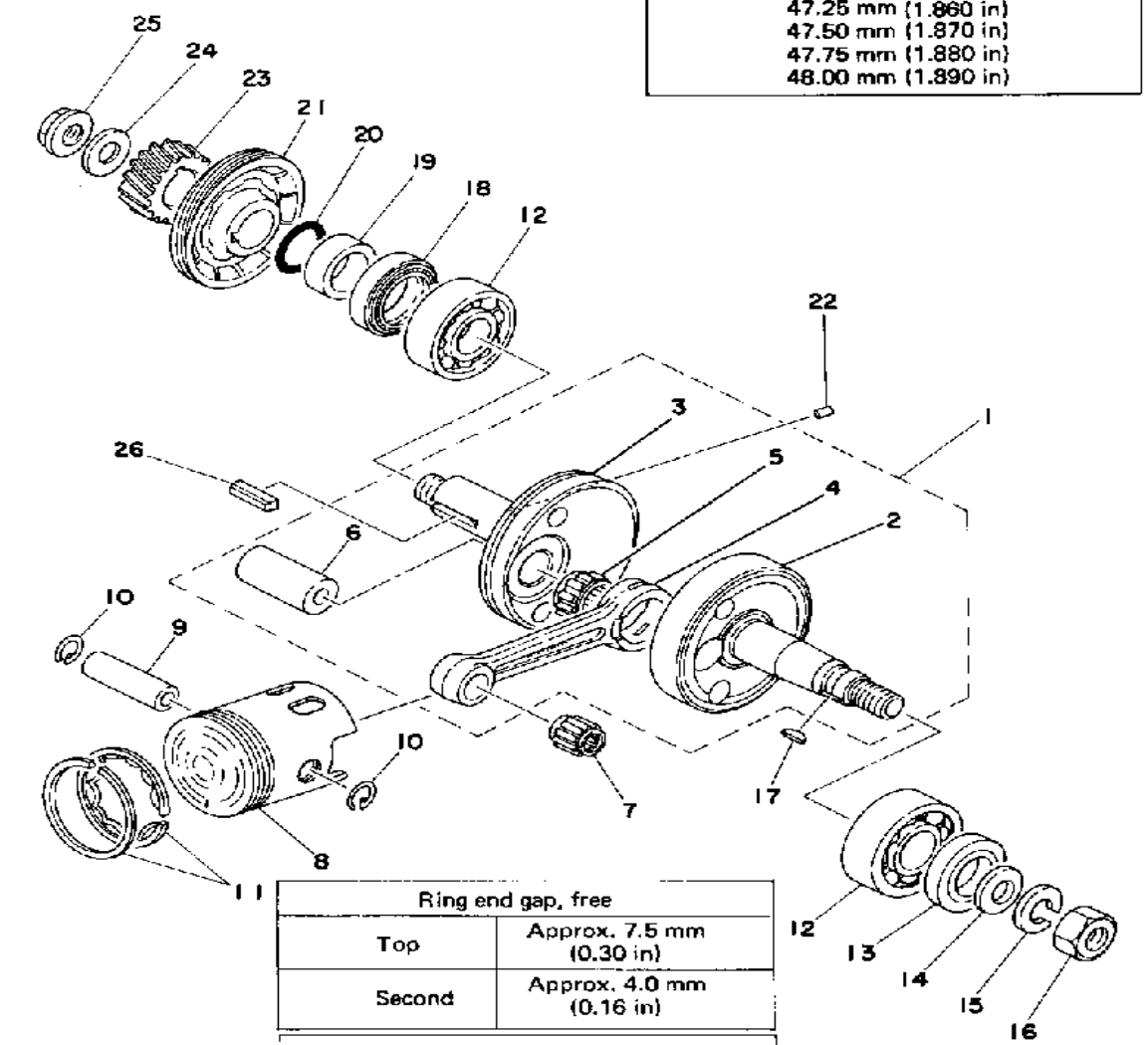
CRANK - PISTON

Ref. No.	Part Number	Description	Qty	Remarks
1	(527-11400-02-00)	CRANKSHAFT ASSEMBLY	1	
2	(527-11412-03-00)	CRANK 1	1	
3	(527-11422-00-00)	CRANK 2	1	
4	3R1-11651-01-00	. ROD, CONNECTING	1	
5	93310-418T0-00	. BERING, CYLINDRICAL	1	
6	257-11681-00-00	. PIN, CRANK 1	1	
7	93310-11268-00	BEARING	1	
8	367-11631-11-96	PISTON STD	1	
	367-11635-11-00	PISTON 1 O/S 0. 5	1	ALTERNATE PARTS
	367-11636-11-00	PISTON 2 O/S 0. 0	1	ALTERNATE PARTS
	367-11637-11-00	PISTON 3 O/S 0. 5	1	ALTERNATE PARTS
	367-11638-11-00	PISTON 4 O/S 1. 0	1	ALTERNATE PARTS
9	527-11633-00-00	PIN, PISTON	1	
10	93450-13022-00	CIRCLIP	2	
11	367-11610-00-00	PISTON RINGSET STD	1	
	367-11610-10-00	PISTON RINGSET 1ST	1	ALTERNATE PARTS
	367-11610-20-00	PISTON RINGSET 2ND	1	ALTERNATE PARTS
	367-11610-30-00	PISTON RINGSET 3RD	1	ALTERNATE PARTS
	367-11610-40-00	PISTON RINGSET 4TH	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	90170-12347-00	NUT, HEXAGON	1	
17	90280-03017-00	KEY, WOODRUFF	1	
18	93103-28011-00	OIL SEAL	1	
19	90387-20163-00	COLLAR	1	
20	93210-180A6-00	O-RING	1	
21	(517-13178-01-00)	GEAR, PUMP DRIVE	1	

CONTINUED ON NEXT FRAME ➤

Ring groove clearance		
	Minimum	Maximum
Second	0.03 mm (0.0012 in)	0.05 mm (0.0020 in)

Piston clearance	
Minimum	Maximum
0.025 mm (0.0010 in)	0.030 mm (0.0012 in)
Piston over size	
47.25 mm (1.860 in) 47.50 mm (1.870 in) 47.75 mm (1.880 in) 48.00 mm (1.890 in)	



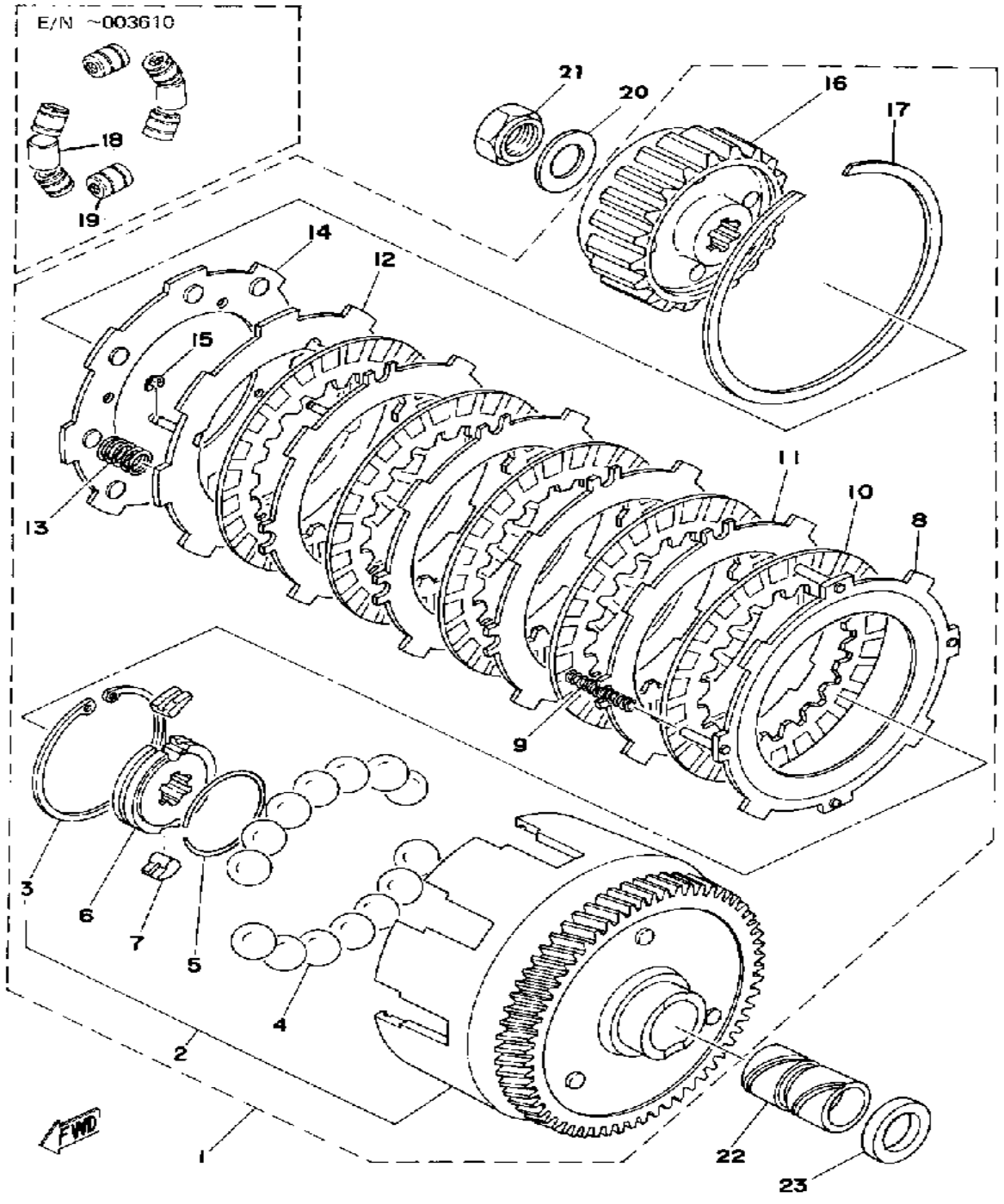
Ring end gap, free	
Top	Approx. 7.5 mm (0.30 in)
Second	Approx. 4.0 mm (0.16 in)

Ring end gap, installed		
	Minimum	Maximum
Top	0.15 mm (0.006 in)	0.35 mm (0.014 in)
Second	0.15 mm (0.006 in)	0.35 mm (0.014 in)

CRANK - PISTON

Ref. No.	Part Number	Description	Qty	Remarks
22	93603-08072-00	PIN, DOWEL	1	
23	(527-16111-01-20)	GEAR, PRI DRIVE	1	
	(527-16111-01-30)	GEAR, PRI DRIVE	1	
	(527-16111-01-40)	GEAR, PRI DRIVE	1	
24	90208-12015-00	WASHER, CONICAL SPRING	1	
25	90179-12244-00	NUT, SPEC''L SHAPE	1	
26	90282-05005-00	KEY, STRAIGHT	1	

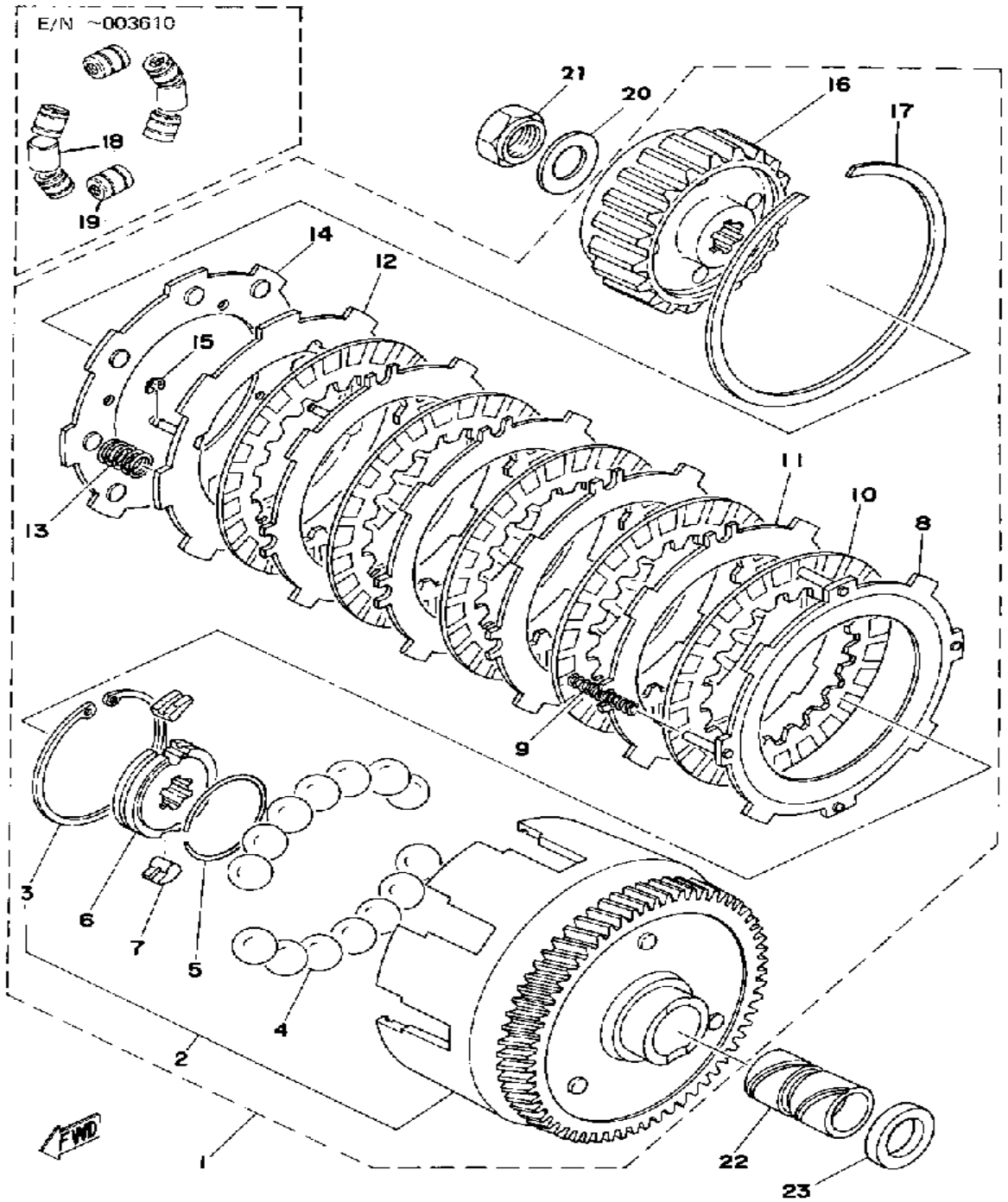
CLUTCH



Ref. No.	Part Number	Description	Qty	Remarks
1	(1L7-16301-00-00)	CLUTCH ASSEMBLY	1	
2	(527-16150-01-30)	PRI DRVN GEAR	1	M7-020
	(527-16150-10-20)	PRI DRVN GEAR	1	
	(527-16150-10-30)	PRI DRVN GEAR	1	
	(527-16150-10-40)	PRI DRVN GEAR	1	
3	(93420-61041-00)	CIRCLIP, R-TYPE	1	
4	93505-08030-00	. BALL	14	M7-020
5	2T4-15637-00-00	. SPRING, PAWL	1	
6	517-16180-00-00	. ONE WAY BOSS COMP.	1	
7	384-15635-00-00	. PAWL, KICK	2	
8	(517-16523-00-00)	PLATE, WT THRUST	1	M7-020
	527-16520-10-00	. PLATE, THRUST WEIGHT	1	
9	(90501-08437-00)	SPRING, COMPRESSION	4	
	(90501-10449-00)	SPRING, COMPRESSION	4	
10	3E5-16521-00-00	. PLATE, FRICTION	6	
11	517-16524-10-00	. PLATE, CLUTCH 1 (1.2T)	4	U.R
	517-16524-20-00	. PLATE, CLUTCH 1 (1.4T)	4	U.R
	517-16524-30-00	. PLATE, CLUTCH 1 (1.6T)	4	U.R
12	(517-16551-91-00)	PLATE, PRESSURE 1	1	
13	(90501-12369-00)	SPRING, COMPRESSION	8	
14	517-16561-01-00	. PLATE, PRESSURE 2	1	
15	93430-03013-00	. CIRCLIP, E-TYPE	4	
16	527-16571-00-00	. BOSS, CLUTCH	1	
17	93451-08094-00	. CIRCLIP	1	
18	(517-16540-00-00)	ROLLER WEIGHT ASSEMBLY	6	M7-020
19	(120-16545-00-00)	ROLLER, WEIGHT	2	M7-020
20	90208-16019-00	WASHER, CONICAL SPRING	1	
21	90179-16190-00	NUT	1	
22	90560-17146-00	SPACER	1	

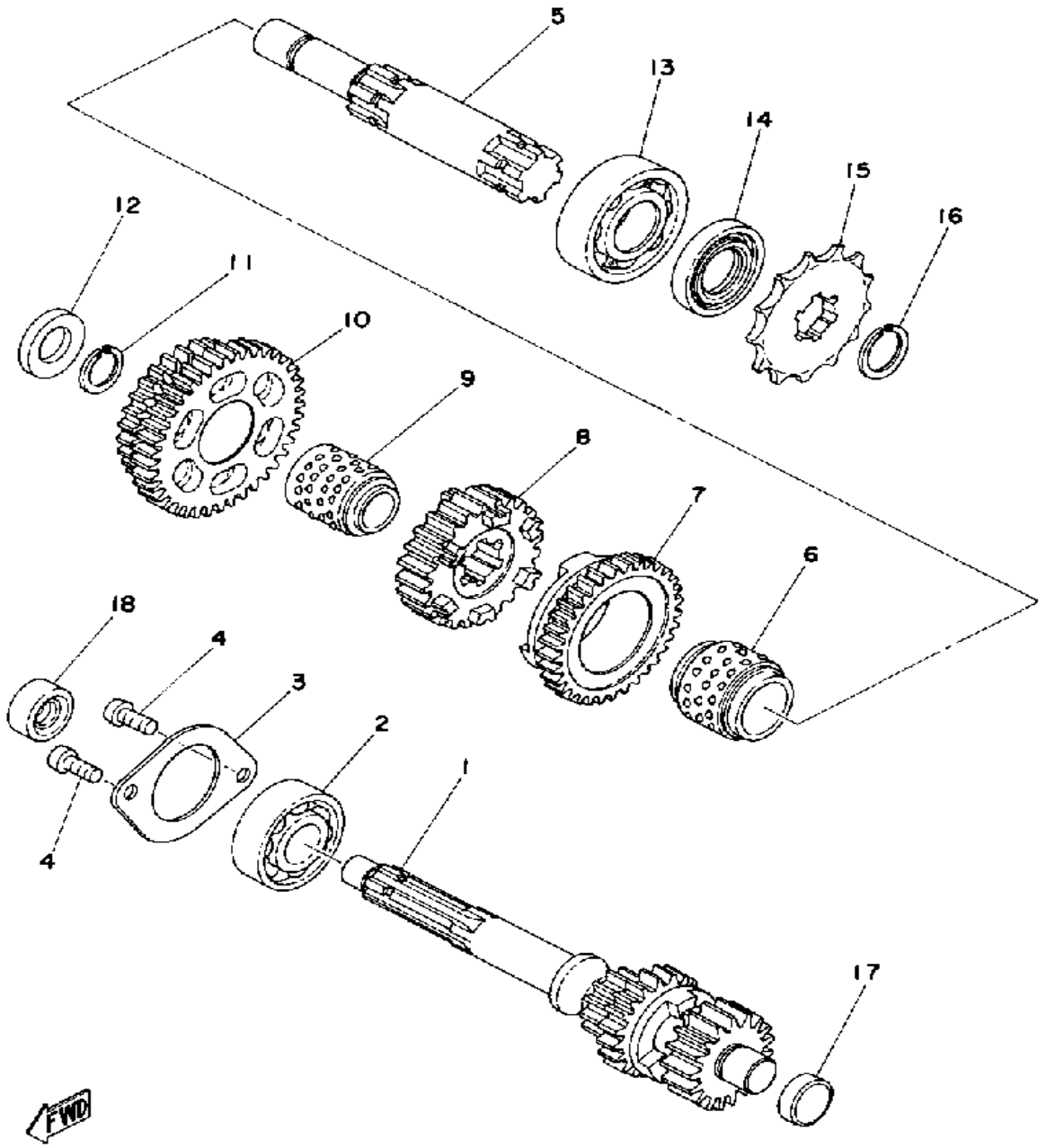
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CLUTCH



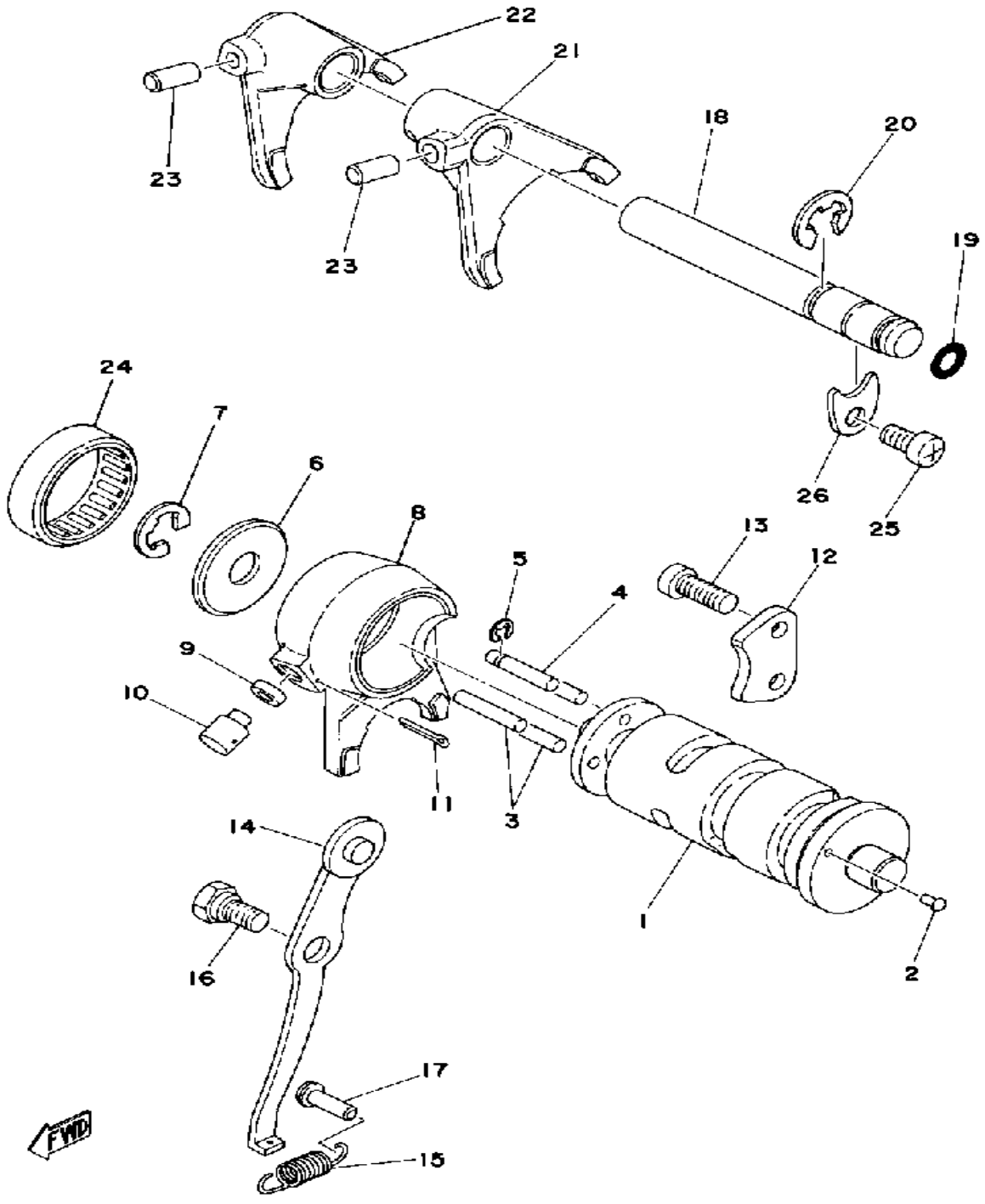
Ref. No.	Part Number	Description	Qty	Remarks
23	122-16164-00-00	PLATE, THRUST 2	1	

TRANSMISSION

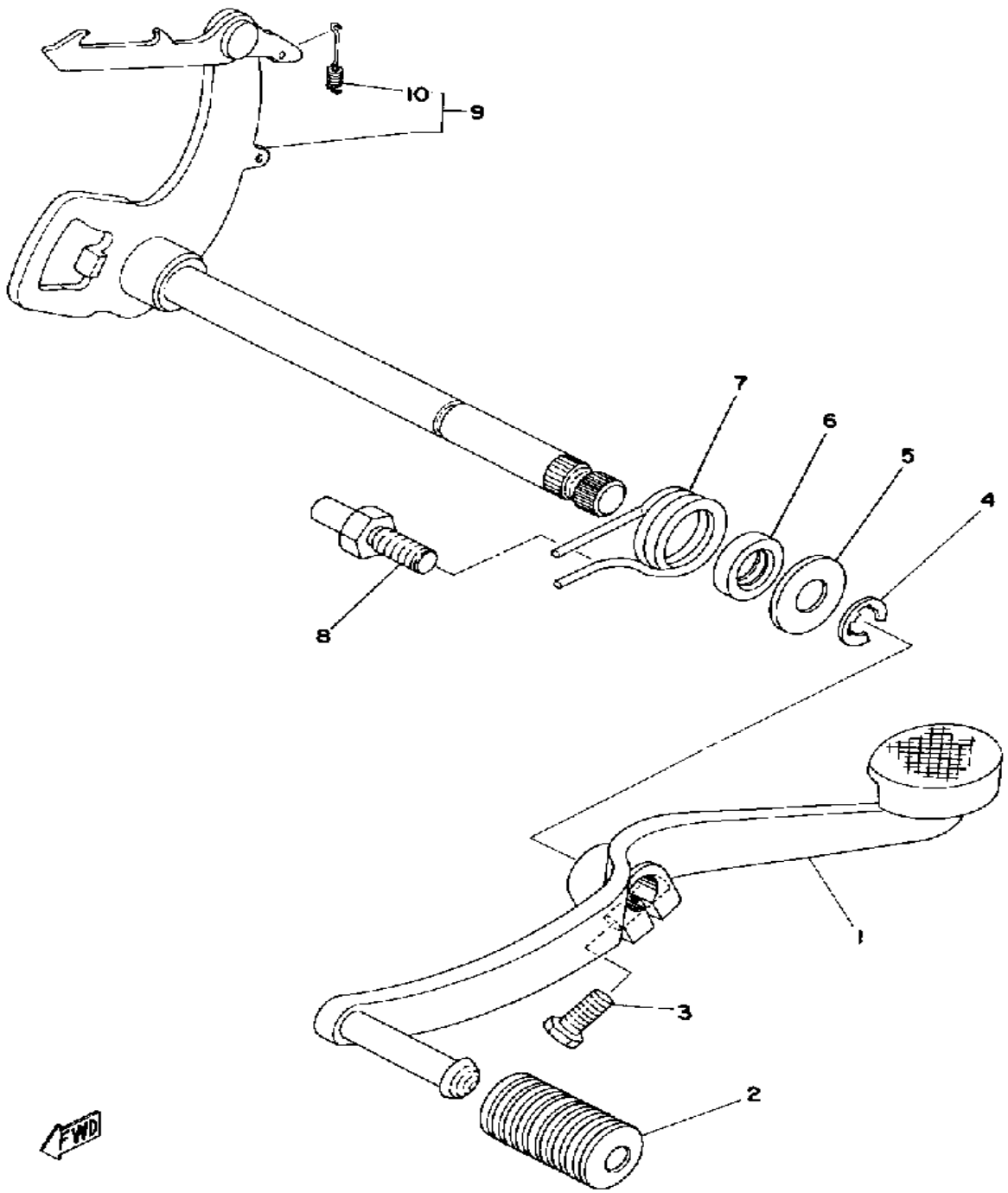


Ref. No.	Part Number	Description	Qty	Remarks
1	(517-17410-02-00)	MAIN AXLE	1	
2	93306-20310-00	BEARING	1	
3	296-17471-00-00	PLATE, COVER	1	
4	98580-06012-00	SCREW, PAN HEAD	2	
5	(517-17421-00-00)	AXLE, DRIVE	1	
6	(296-17224-01-00)	BEARING, SLIDE 2	1	
7	(517-17221-00-00)	GEAR, 2ND WHEEL	1	
8	(517-17231-01-00)	GEAR, 3RD WHEEL	1	
9	(296-17214-03-00)	BEARING, SIDE 1	1	
10	(296-17211-02-00)	GEAR, 1ST WHEEL	1	
11	93440-15012-00	CIRCLIP	1	
12	(517-17427-00-36)	SHIM 1	1	U.R
	(517-17427-00-38)	SHIM 1	1	U.R
13	93306-20421-00	BEARING	1	
14	93102-20143-00	OIL SEAL	1	
15	93812-13022-00	SPROCKET, DRIVE 13T	1	
	93812-14035-00	SPROCKET, DRIVE 14T (5171746142)	1	
	93812-15063-00	SPROCKET, DRIVE 15T (5171746152)	1	
16	93410-20038-00	CIRCLIP	1	
17	90338-18064-00	PLUG, SPEC''L SHAPE	1	
18	93104-11053-00	OIL SEAL	1	

SHIFTER 1



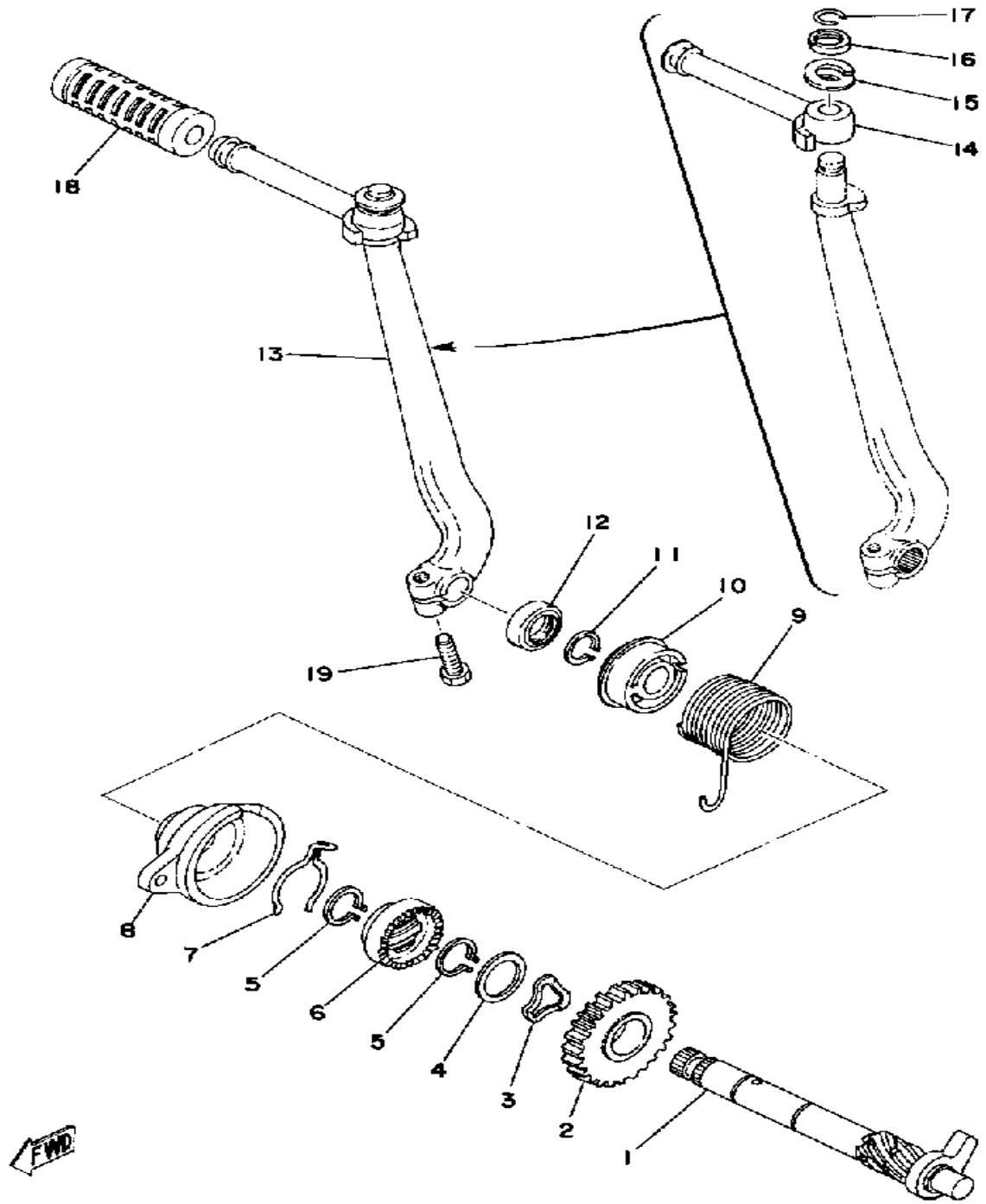
Ref. No.	Part Number	Description	Qty	Remarks
1	(1T8-18541-00-00)	CAM, SHIFT	1	
2	136-18542-00-00	POINT, NEUTRAL	1	
3	93604-22050-00	PIN, DOWEL	3	
4	90249-04039-00	PIN, SPEC''L SHAPE (174-18544-00)	1	
5	93430-03014-00	CIRCLIP, E-TYPE	1	
6	296-18561-00-00	PLATE, SIDE 1	1	
7	99001-09600-00	CIRCLIP	1	
8	(296-18511-00-00)	FORK, SHIFT 1	1	
9	136-18551-00-00	ROLLER, CAM FOLWR	1	
10	(90249-05041-00)	PIN, SPEC''L SHAPE	1	
11	91401-25020-00	PIN, COTTER	1	
12	296-18562-01-00	PLATE, STOPPER 2	1	
13	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
14	296-18140-02-00	STOPPER LEVER ASSEMBLY	1	
15	(90506-09126-00)	SPRING, TENSION	1	
16	90109-06001-00	BOLT	1	
17	132-16346-00-00	HOOK, SPRING	1	
18	(441-18531-01-00)	BAR, SHIF FRK GDE 1	1	
19	93210-08006-00	O-RING	1	
20	99006-10600-00	CIRCLIP	1	
21	(296-18512-01-00)	FORK, SHIFT 2	1	
22	(296-18513-01-00)	FORK, SHIFT 3	1	
23	93606-14081-00	PIN, DOWEL	2	
24	93315-23208-00	BEARING	1	
25	98580-06010-00	SCREW, PAN HEAD (92503-06010)	1	
26	(296-18549-00-00)	STOPPER	1	



SHIFTER 2

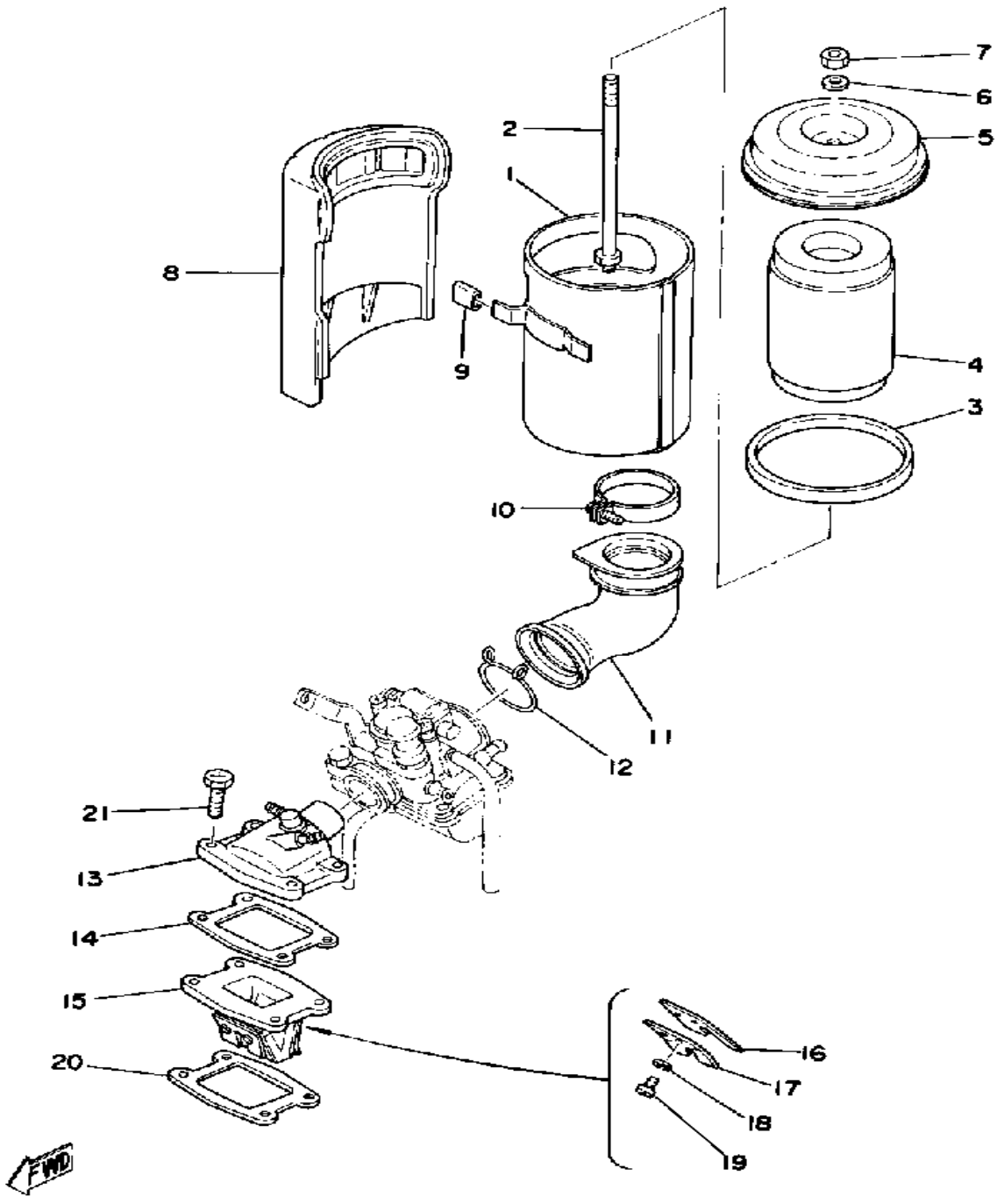
Ref. No.	Part Number	Description	Qty	Remarks
1	441-18111-01-93	UNAVAILABLE IN PRICE BOOK	1	
2	132-18113-01-00	COVER, SHIFT PEDAL	1	
3	97011-06020-00	BOLT	1	
4	99006-10600-00	CIRCLIP	1	
5	90201-12575-00	WASHER, PLATE	1	
6	93102-12321-00	OIL SEAL, SD-TYPE	1	
7	90508-32203-00	UNAVAILABLE IN PRICE BOOK	1	
8	278-18127-00-00	STOPPER, SCREW	1	
9	58H-18101-03-00	SHIFT SHAFT ASSEMBLY	1	
10	90506-08122-00	SPRING, TENSION	1	

KICK STARTER



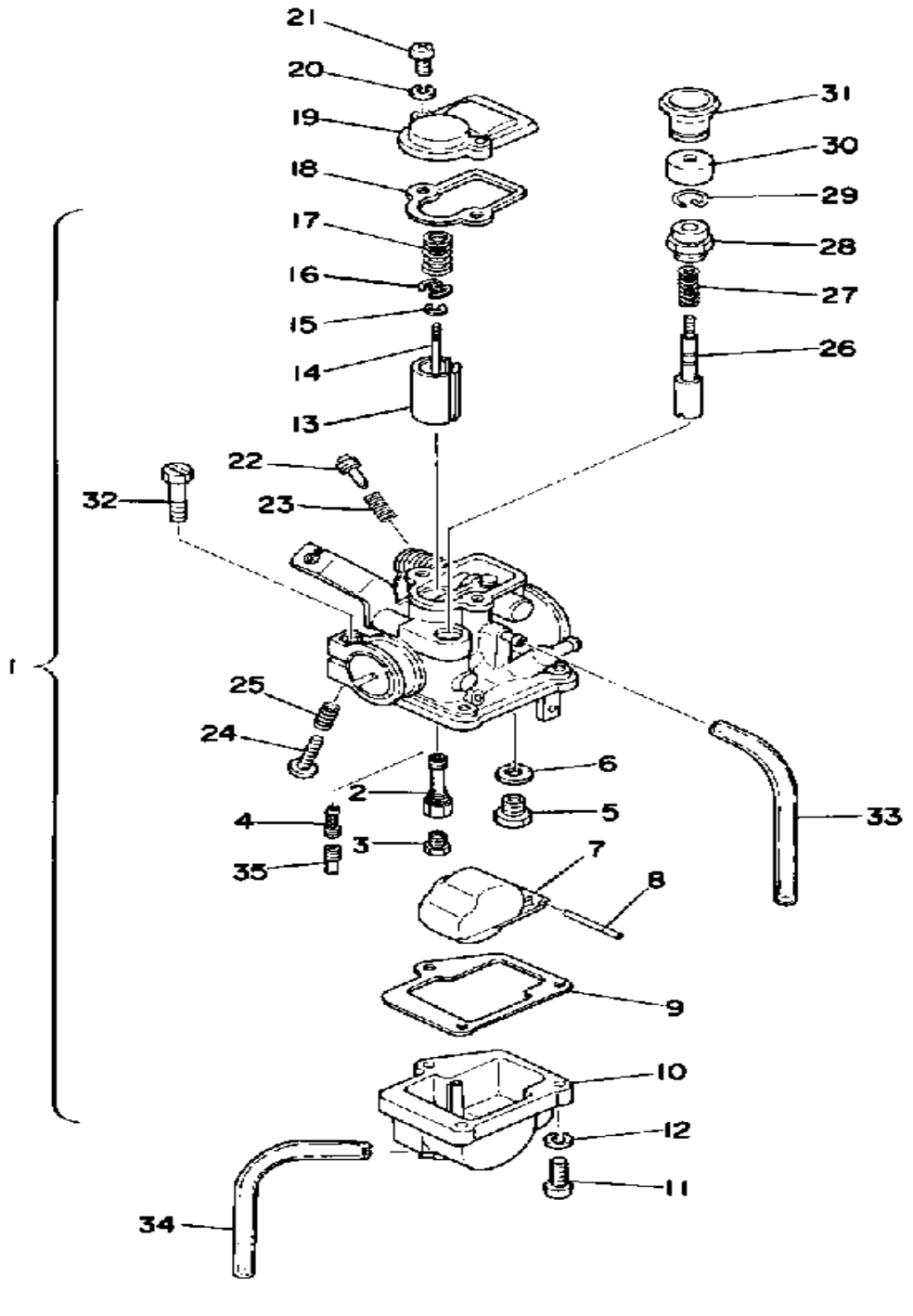
Ref. No.	Part Number	Description	Qty	Remarks
1	517-15660-01-00	KICK AXLE ASSEMBLY	1	
2	(296-15641-00-00)	GEAR, KICK	1	
3	90206-19027-00	WASHER, WAVE	1	
4	296-15644-00-00	SHIM	1	
5	99009-19400-00	CIRCLIP	2	
6	296-15671-00-00	WHEEL, RATCHET	1	
7	90468-26046-00	CLIP	1	
8	1W7-15664-00-00	GUIDE, SPRING	1	
9	90508-26136-00	SPRING, TORSION	1	
10	132-15676-01-00	COVER, SPRING	1	
11	99009-15400-00	CIRCLIP	1	
12	93109-15001-00	OIL SEAL	1	
13	1L7-15610-00-93	UNAVAILABLE IN PRICE BOOK	1	
14	(214-15612-09-00)	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	(1M3-14411-01-00)	CASE, AIR CLEANER 1	1	
2	(90116-06233-00)	BOLT, STUD	1	
3	(1M3-14416-01-00)	GASKET, AIR CLEANER	1	
4	1M3-14451-00-00	ELEMENT, AIR CLNR	1	
5	(1M3-14412-00-00)	CAP, CLEANER CASE 1	1	
6	90430-06180-00	GASKET	1	
7	95380-06700-00	NUT	1	
8	(1M3-14454-02-00)	JOINT	1	
9	(90480-01200-00)	GROMMET	2	
10	90460-39052-00	CLAMP, HOSE	1	
11	(1M4-14453-00-00)	JOINT, AIR CLNR 1	1	
12	90467-20023-00	CLIP	1	
13	(1F5-13565-00-00)	JOINT, CARBURETOR	1	
14	1F5-13622-01-00	GASKET, VALVE SEAT	1	
15	(1F5-13610-00-00)	REED VALVE ASSEMBLY	1	
16	314-13613-01-00	. REED, VALVE	2	
17	314-13616-01-00	. STOPPER, REED VALVE	2	
18	92990-03100-00	. WASHER, SPRING (92901-03100)	4	
19	98580-03008-00	. SCREW, PAN HEAD	4	
20	1F5-13621-01-00	GASKET, VALVE SEAT	1	
21	(90153-06016-00)	SCREW, HEXAGON	4	

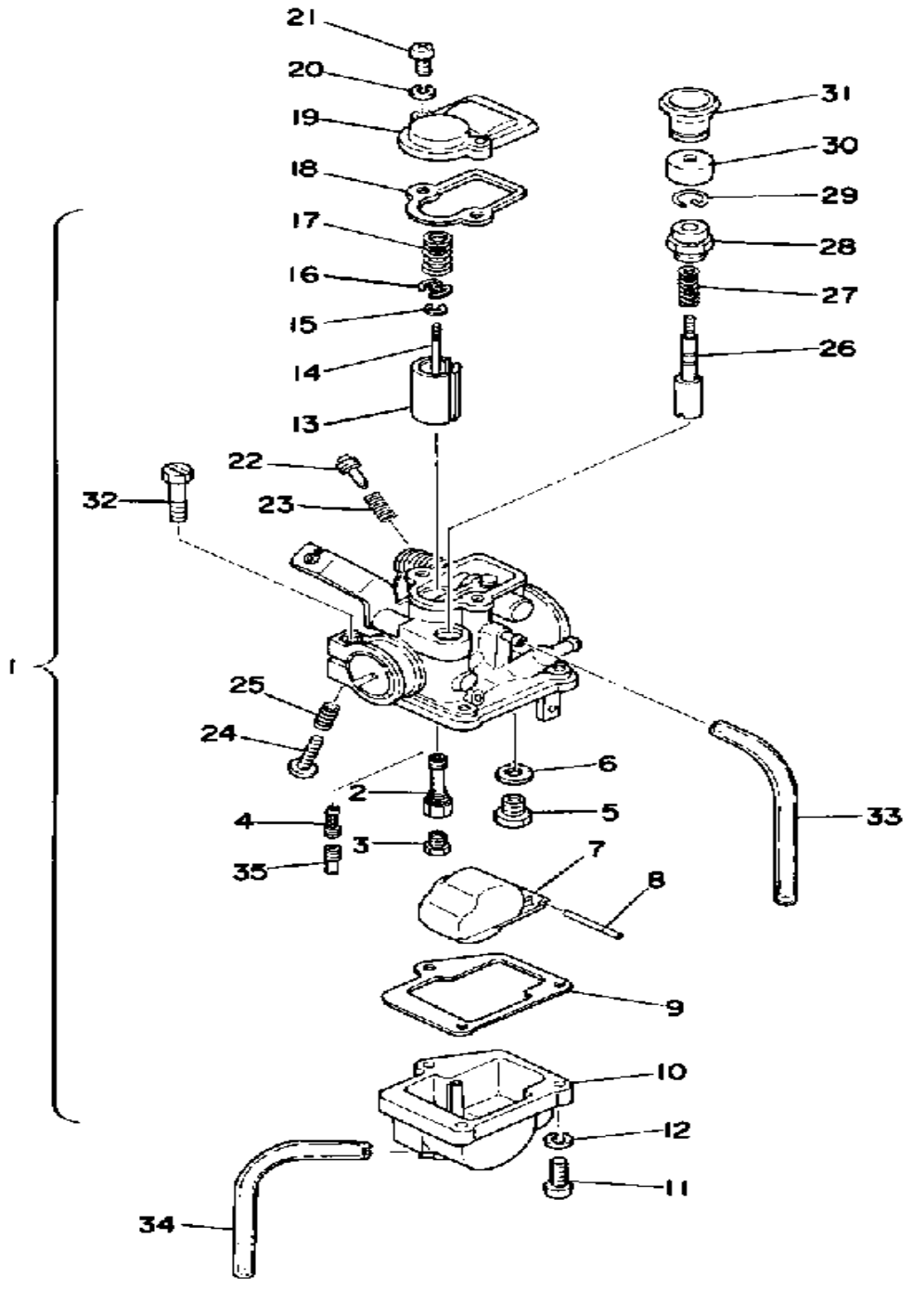
CARBURETOR



Ref. No.	Part Number	Description	Qty	Remarks
1	1M6-14101-00-00	CARBURETOR ASSEMBLY 1 .	1	
2	(127-14141-16-00)	NOZZLE, MAIN	1	
3	127-14143-19-00	. JET, MAIN # 5	1	U.R
	127-14143-20-00	. JET, MAIN #1 0	1	STDU.R
	127-14143-21-00	. JET, MAIN #1 5	1	U.R
4	193-14142-20-00	. JET, PILOT # 0	1	
5	2E9-14190-12-00	. NEEDLE VALVE ASSEMBLY .	1	
6	127-14195-00-00	. WASHER, NEEDLE VALVE . .	1	
7	(439-14185-00-00)	FLOAT	1	
8	439-14186-00-00	. PIN, FLOAT	1	
9	439-14184-00-00	. GASKET, FLOAT CHMBR . . .	1	
10	(439-14181-00-00)	BODY, FLOAT CHMBR 1	1	
11	98503-04014-00	. SCREW, PAN HEAD	3	
12	92901-04100-00	. WASHER, SPRING	3	
13	(1F5-14112-30-00)	VALVE, THROTTLE 1	1	
14	127-14116-09-00	. NEEDLE	1	
15	127-14137-00-00	. CLIP	1	
16	439-14136-01-00	. SEAT, SPRING	1	
17	(439-14131-00-00)	SPRING, THRTL VALVE	1	
18	439-14198-01-00	. GASKET	1	
19	(439-14158-00-00)	TOP, MIXING CHAMBER	1	
20	92901-04100-00	. WASHER, SPRING	4	
21	98580-04010-00	. SCREW, PAN HEAD	4	
22	127-W1412-00-00	. SCREW, AIR ADJUSTING.SET	1	
23	127-14134-00-00	. SPRING, AIR ADJUSTING . . .	1	
24	(1M3-14121-00-00)	SCREW, THRTL STOP	1	
25	620-14133-00-00	. SPRING, THRTL STOP (#37.5)	1	
26	(1M3-14171-00-00)	PLUNGER, STARTER	1	
27	156-14135-00-00	. SPRING, PLUNGER	1	

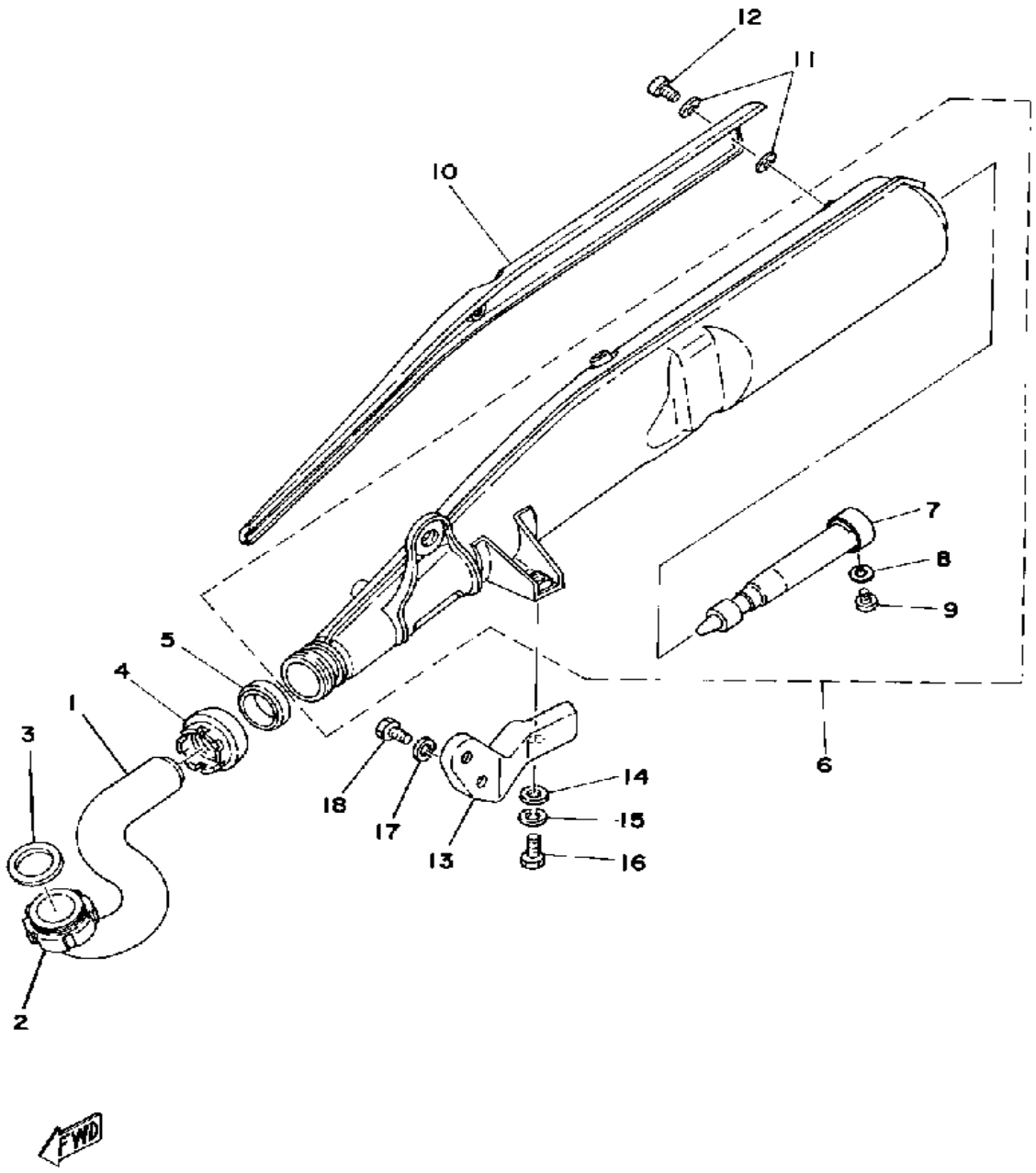
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CARBURETOR



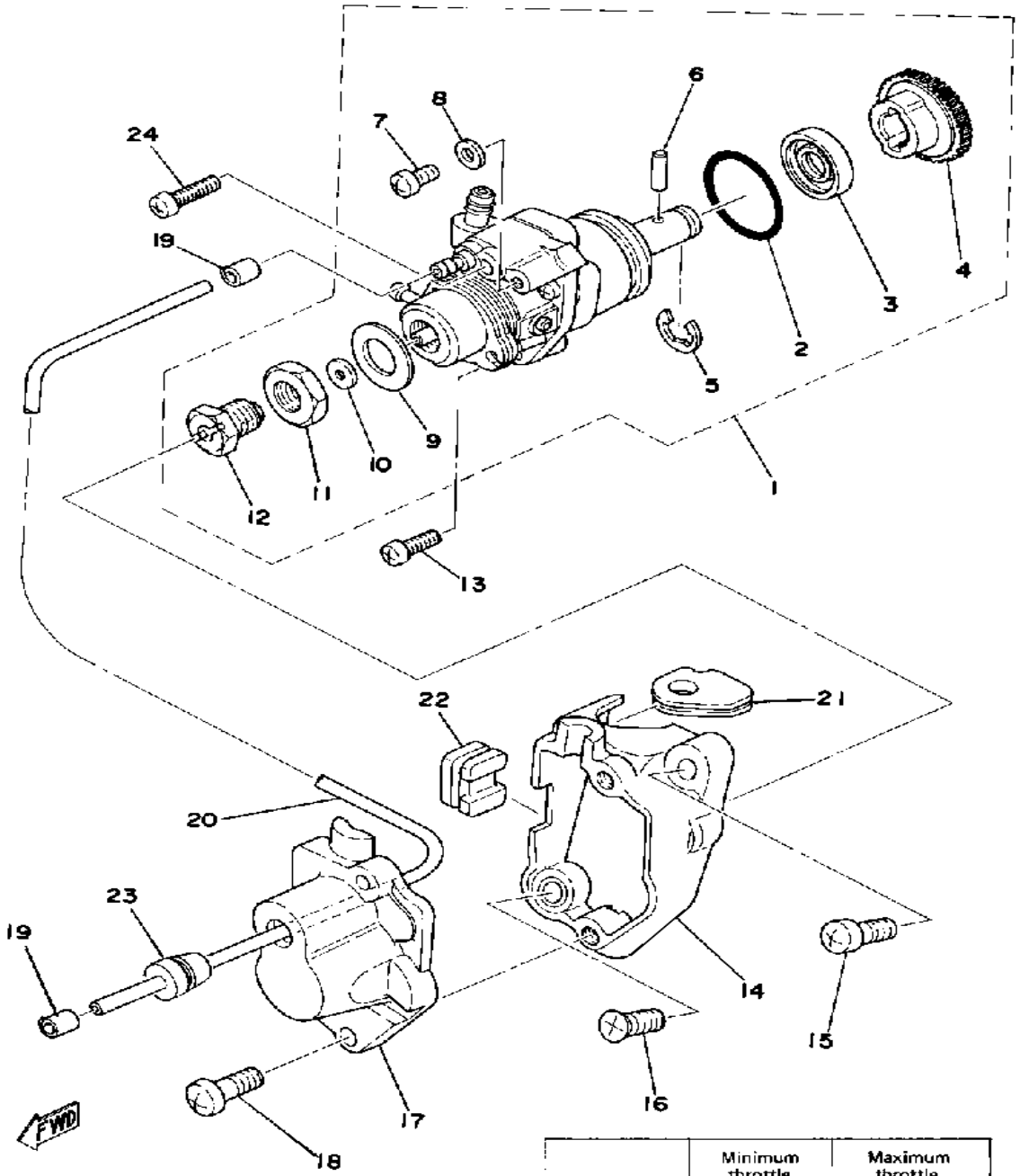
Ref. No.	Part Number	Description	Qty	Remarks
28	152-14174-00-00	. CAP, PLUNGER	1	
29	353-14138-00-00	. CLIP, PLUNGER	1	
30	3A3-14173-00-00	. COVER, PLUNGER CAP	1	
31	304-14261-00-00	. HOLDER	1	
32	97301-05025-00	. BOLT, HEXAGON (97201-05025)	1	
33	(440-14197-00-00)	PIPE, AIRVENT	1	
34	(353-14196-00-00)	PIPE, OVERFLOW	1	
35	(1M3-14148-00-00)	PIPE	1	

EXHAUST



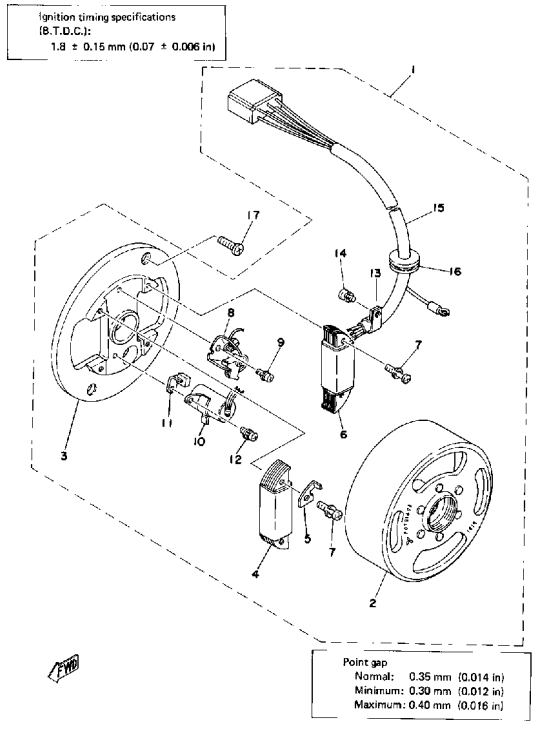
Ref. No.	Part Number	Description	Qty	Remarks
1	(1M4-14611-00-00)	PIPE, EXHAUST L	1	
2	1L4-14612-00-00	NUT, RING	1	
3	132-14613-00-00	GASKET, EXST PIPE	1	
4	395-14713-00-00	NUT, MUFFLER JOINT	1	
5	3NA-14714-01-00	GASKET, MUFFLER	1	
6	(1T8-14710-01-00)	MUFFLER ASSEMBLY L	1	
7	(1T8-14752-00-00)	PIPE, OUTLET	1	
8	92995-06100-00	. WASHER, SPRING	1	
9	98580-06008-00	. SCREW, PAN HEAD	1	
10	(1M3-14718-01-93)	PROTECTOR, MUFF 1	1	
11	90202-05187-00	WASHER, PLATE	8	
12	98580-06010-00	SCREW, PAN HEAD (92503-06010)	4	
13	(1M3-21445-01-00)	STAY, MUFFLER 1	1	
14	92901-08600-00	WASHER	1	
15	92990-08100-00	WASHER	1	
16	97313-08018-00	BOLT, HEXAGON (97301-08016)	1	
17	92990-08100-00	WASHER	2	
18	97313-08018-00	BOLT, HEXAGON (97301-08016)	2	

OIL PUMP



	Minimum throttle	Maximum throttle
Pump output for 200 strokes	0.50 — 0.63 cc	1.88 — 2.26 cc

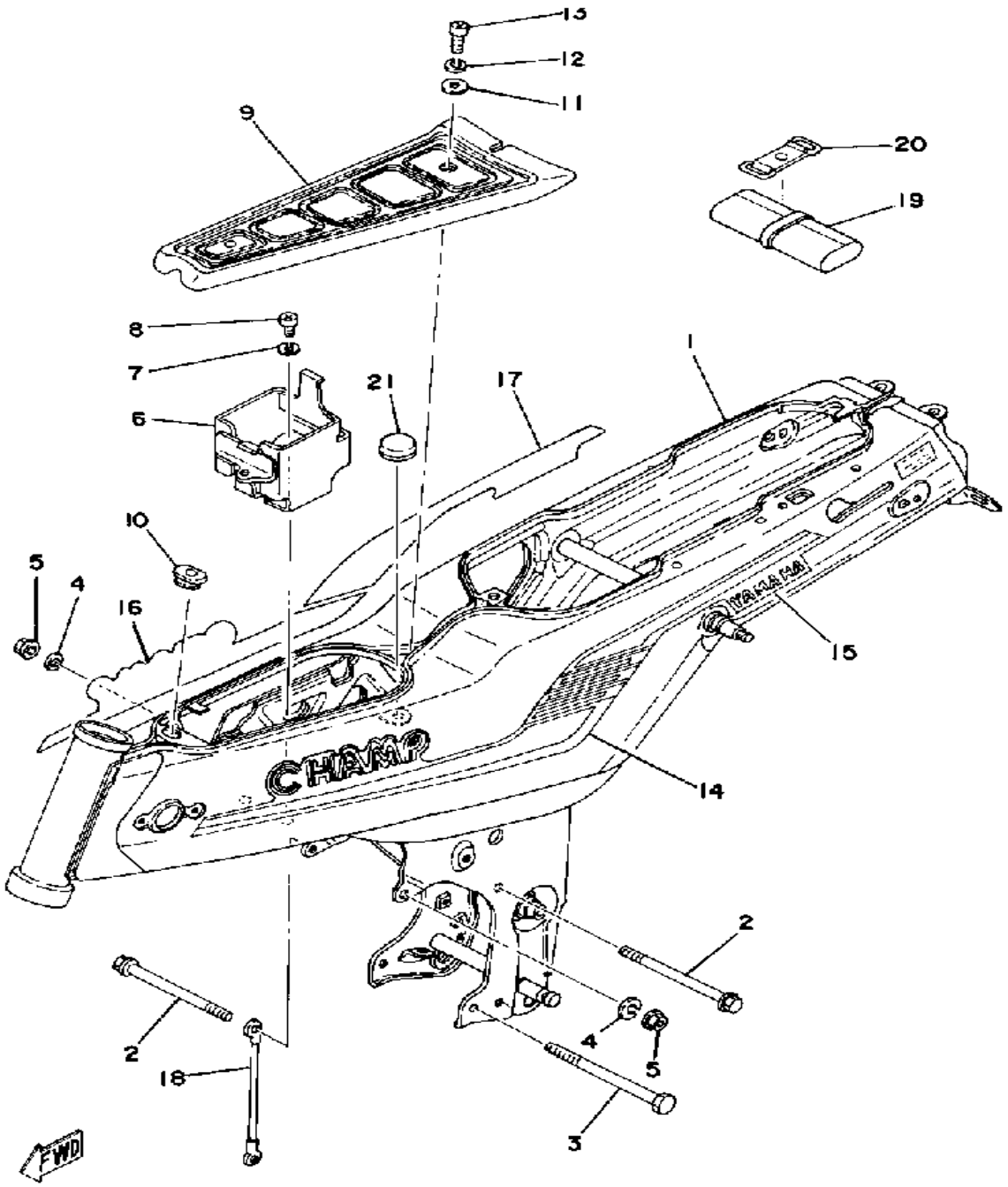
Ref. No.	Part Number	Description	Qty	Remarks
1	(1M4-13101-01-00)	OIL PUMP ASSEMBLY	1	
2	93210-26240-00	. O-RING	1	
3	93101-10090-00	. OIL SEAL	1	
4	296-13124-00-00	. GEAR, WORM WHEEL	1	
5	99080-07600-00	. CIRCLIP (E)	1	
6	93603-14026-00	. PIN, DOWEL	1	
7	98901-04008-00	. SCREW, BIND	1	
8	90430-04004-00	. 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	439-15416-02-00	COVER, OIL PUMP	1	
15	98503-06014-00	SCREW, PAN HEAD (92502-06016)	1	
16	98603-06012-00	SCREW, OVAL HEAD (92701-06012)	1	
17	(439-15426-02-00)	COVER, OIL PUMP R	1	
18	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
19	90468-02033-00	CLIP	2	
20	90445-05206-00	HOSE	1	
21	384-13174-00-00	HOLDER, OIL PIPE	1	
22	90480-16179-00	GROMMET	1	
23	90480-11057-00	GROMMET	1	
24	98501-05035-00	SCREW, PAN HEAD	1	



FLYWHEEL MAGNETO

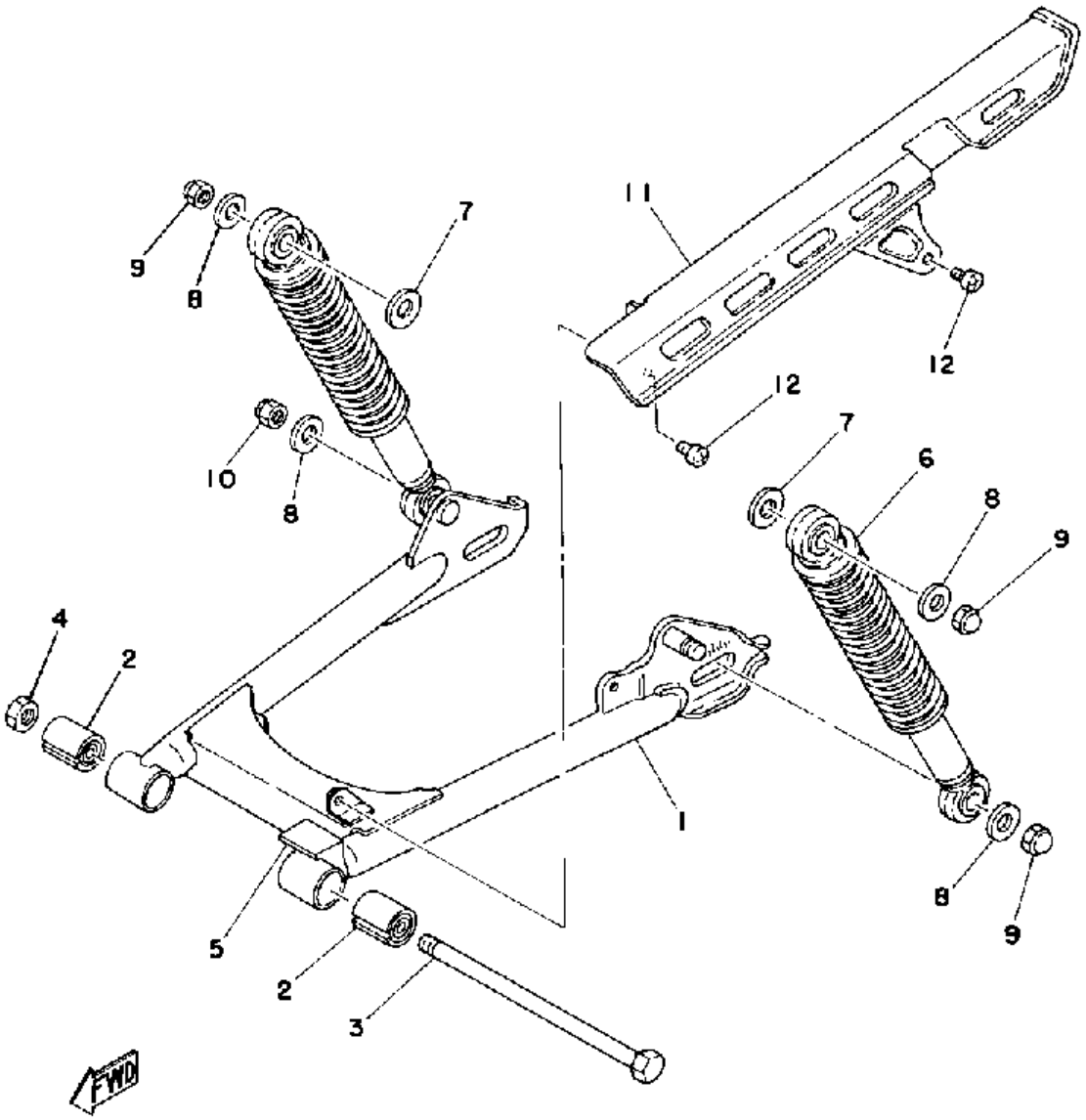
Ref. No.	Part Number	Description	Qty	Remarks
1	(1T8-81300-21-00)	FLYWHL MAGNETO ASSEMBLY	1	
2	(591-81350-21-00)	ROTOR ASSEMBLY	1	
3	520-81309-20-00	. BASE, MAGNETO	1	
4	511-81312-20-00	. COIL, SOURCE	1	
5	(353-81332-20-00)	PLATE, TIMING	1	
6	(591-81313-21-00)	COIL, LIGHTING 1	1	
7	97602-04125-00	. SCREW, PN/HD.W/WSHR (4-25)	4	
8	2F5-81321-20-00	. CONTACT BRKR ASSEMBLY (1K8-81321-20)	1	
9	110-81346-21-00	. SCREW, PAN HEAD	1	
10	1K8-81325-20-00	. CONDENSER 1	1	
11	116-81331-20-00	. LUBRICATOR	1	
12	110-81346-21-00	. SCREW, PAN HEAD	1	
13	109-81328-11-00	. CLAMP	1	
14	97601-04106-00	. SCREW, PN/HD.W/WSHR	1	
15	(1T8-81315-20-00)	LEAD WIRE ASSEMBLY	1	
16	90480-16304-00	. GROMMET (90480-16110-00)	1	
17	98701-05016-00	SCREW, FLAT HEAD	2	

FRAME



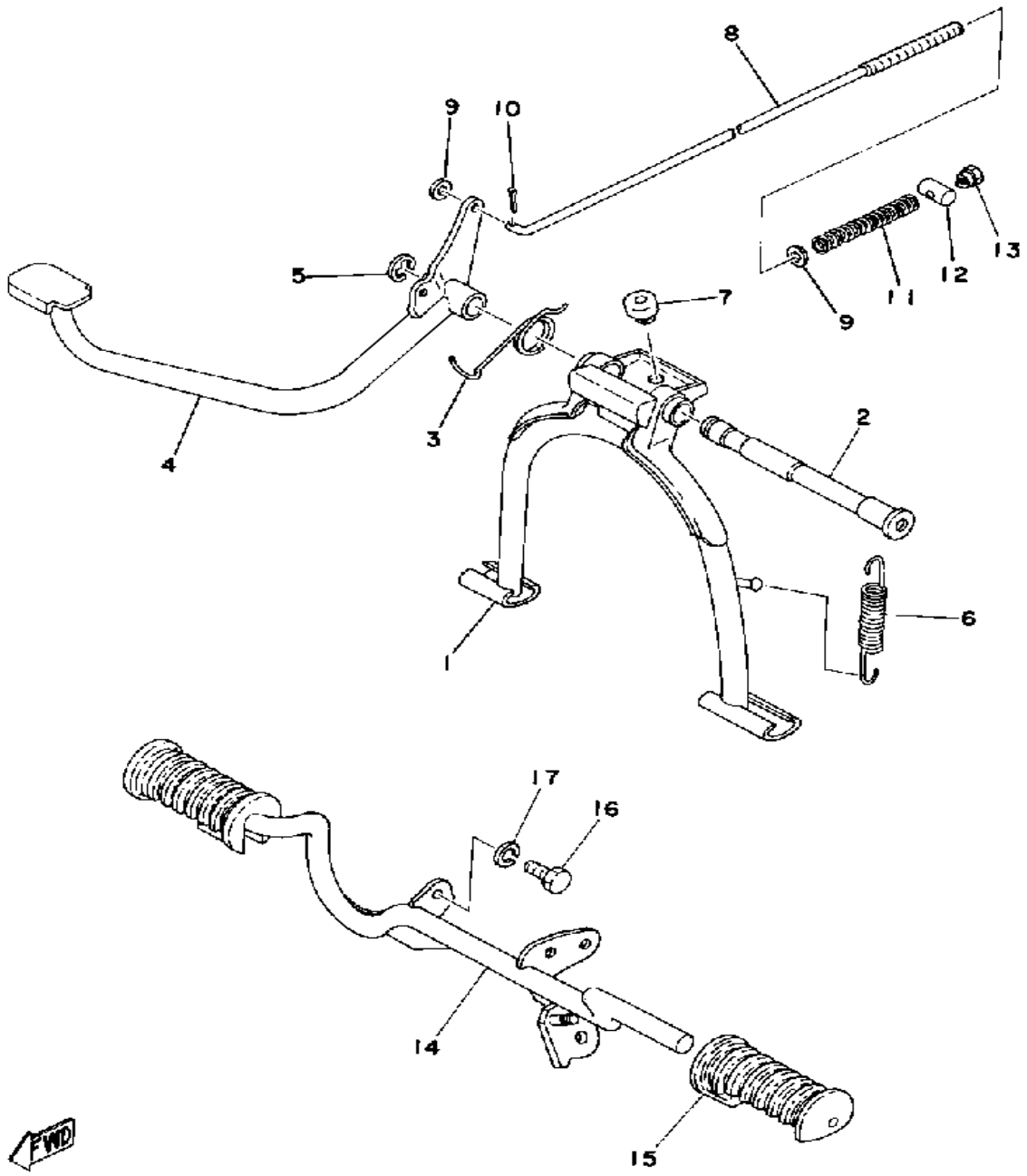
Ref. No.	Part Number	Description	Qty	Remarks
1	(1T8-21110-01-26)	FRAME	1	
2	95811-08120-00	BOLT, FLANGE (95812-08120)	2	
3	90101-08538-00	BOLT	1	
4	92990-08100-00	WASHER	2	
5	95701-08500-00	NUT, FLANGE	2	
6	(1M3-21393-02-00)	BRACKET, BATT BOX	1	
7	92995-06100-00	WASHER, SPRING	2	
8	98580-06012-00	SCREW, PAN HEAD	2	
9	(1M3-28385-00-00)	COVER, LOWER	1	
10	90480-01401-00	GROMMET	1	
11	92901-06600-00	WASHER	1	
12	92995-06100-00	WASHER, SPRING	1	
13	98580-06018-00	SCREW, PAN HEAD	1	
14	(1T8-24254-00-00)	GRAPHIC, FUEL TNK 7	1	
15	(1M3-24255-00-00)	GRAPHIC, FUEL TNK 8	1	
16	(1T8-24256-00-00)	GRAPHIC, FUEL TNK 9	1	
17	(1M3-24257-00-00)	GRPHC, FUEL TANK 0	1	
18	(1M3-82519-01-00)	WIRE, EARTH LEAD	1	
19	(1M3-28100-10-00)	TOOL KIT	1	
20	21V-21376-00-00	BAND, TOOL	1	
21	1L9-24741-00-00	PAD, SEAT	1	

REAR ARM - REAR CUSHION - CHAIN CA



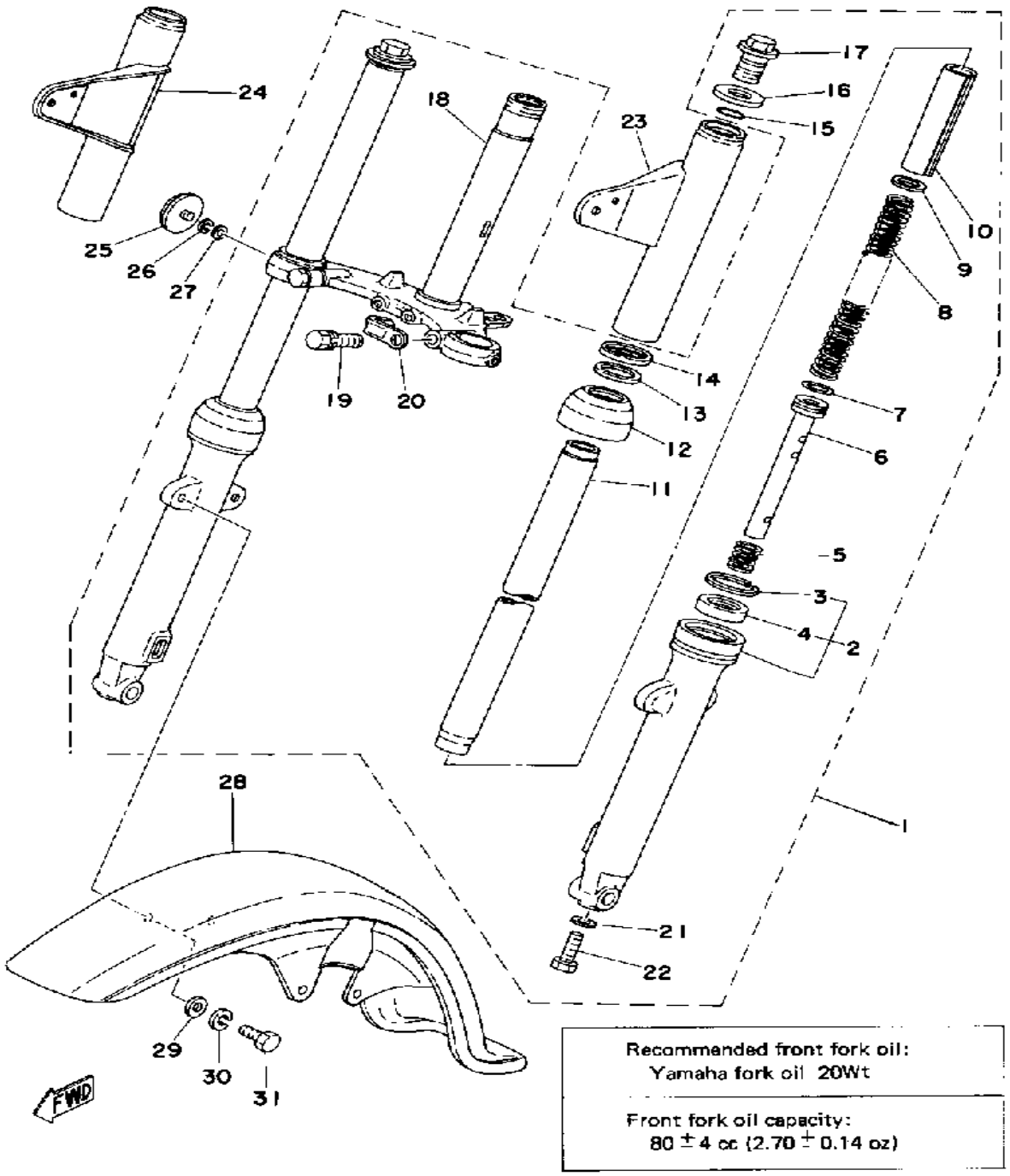
Ref. No.	Part Number	Description	Qty	Remarks
1	(1M3-22110-02-33)	REAR ARM	1	
2	102-22123-00-00	BUSH 1	2	
3	353-22141-02-00	SHAFT, PIVOT	1	
4	95601-10100-00	NUT, U (95602-10100-00)	1	
5	(395-22151-00-00)	SEAL, GUARD	1	
6	(1M3-22210-00-00)	SHK/ABS ASSEMBLY, REAR	2	
7	90201-12190-00	WASHER, PLATE	2	
8	90201-10437-00	WASHER, PLATE	4	
9	95303-10800-00	NUT (CROWN) (92803-10700)	3	
10	95303-10600-00	NUT (95301-10600)	1	
11	(1M3-22311-01-35)	CASE, CHAIN	1	
12	98580-05010-00	SCREW, PAN HEAD	2	

STAND - FOOTREST - BRAKE PEDAL



Ref. No.	Part Number	Description	Qty	Remarks
1	(1M3-27111-02-33)	STAND, MAIN	1	
2	(336-27112-00-00)	SHAFT, MAIN STAND	1	
3	90508-32056-00	SPRING, TORSION	1	
4	(1M3-27211-02-91)	PEDAL, BRAKE	1	
5	93430-12008-00	CIRCLIP	1	
6	90506-26270-00	SPRING, TENSION	1	
7	1M3-27114-00-00	STOPPER, MAIN STAND (10927-11400-00)	1	
8	288-27231-00-00	ROD, BRAKE	1	
9	92901-06600-00	WASHER	2	
10	91490-20020-00	PIN, COTTER	1	
11	90501-10245-00	SPRING, COMPRESSION	1	
12	90249-12008-00	PIN	1	
13	90179-06411-00	NUT	1	
14	439-27411-00-00	FOOTREST 1	1	
15	441-27413-01-00	COVER, FOOTREST	2	
16	(90101-08287-00)	BOLT	1	
17	92990-08100-00	WASHER	1	

FRONT FORK - FRONT FENDER



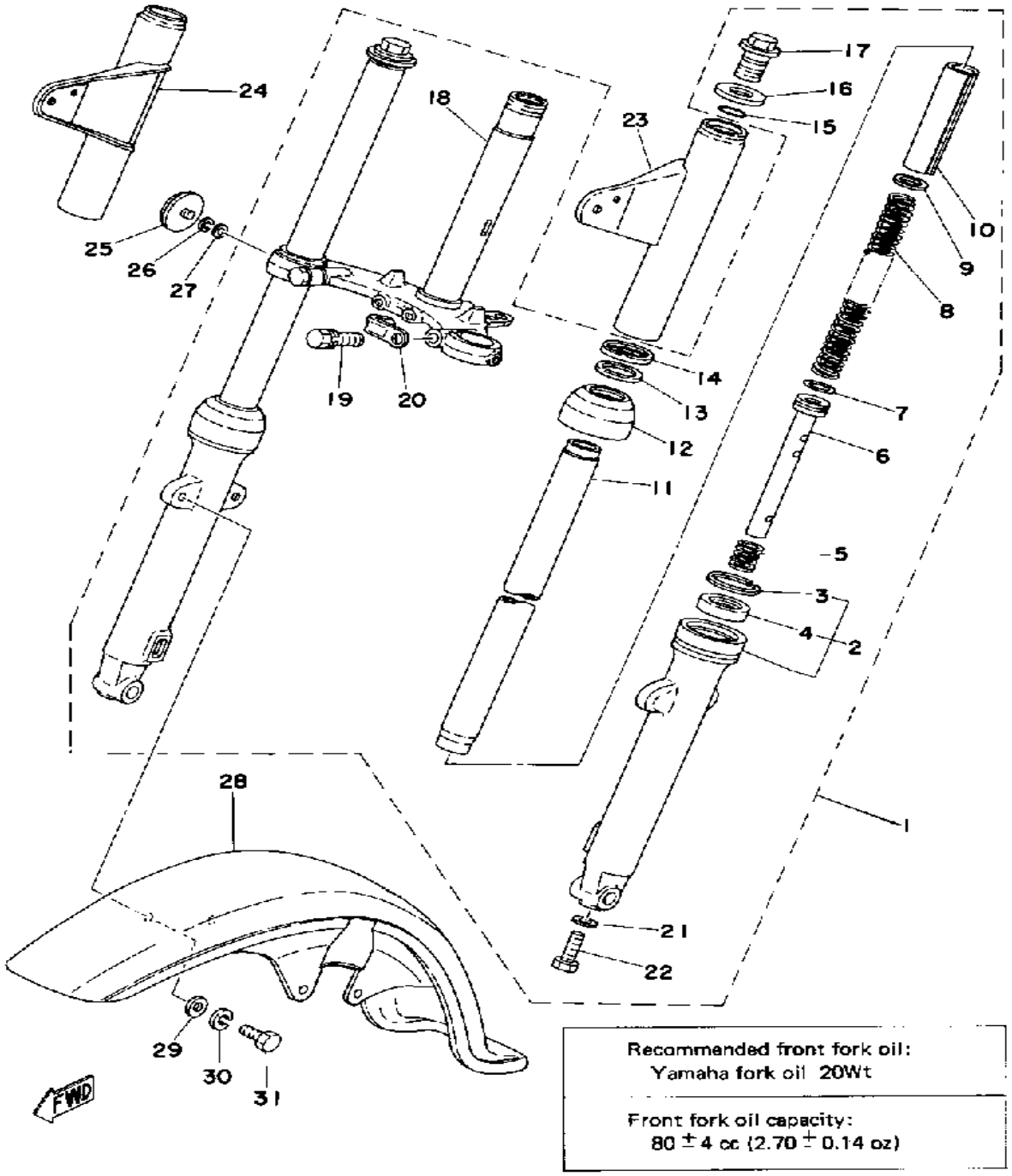
Recommended front fork oil:
Yamaha fork oil 20Wt

Front fork oil capacity:
80 ± 4 cc (2.70 ± 0.14 oz)

Ref. No.	Part Number	Description	Qty	Remarks
1	(1T8-23101-00-00)	FRONT FORK ASSEMBLY	1	
2	(1T8-23136-00-35)	TUBE, OUTER 2	2	
3	1T8-23156-00-00	. . CLIP, OIL SEAL	2	
4	3VR-23145-00-00	. . OIL SEAL	2	
5	(1T8-23152-00-00)	SPRING, SUB	2	
6	(1T8-23170-00-00)	CYLINDER, FRTFRK	2	
7	(1T8-23157-00-00)	RING, PISTON FRTFRK	2	
8	(1T8-23141-00-00)	SPRING, FRONT FORK	2	
9	(290-23149-00-00)	WASHER, SPRING UPR	2	
10	1T8-23118-00-00	. UNAVAILABLE IN PRICE BOOK	2	
11	(1T8-23134-00-93)	TUBE, INNER 2	2	
12	1T8-23144-00-00	. SEAL, DUST	2	
13	164-23163-00-00	. GASKET	2	
14	(354-23115-90-00)	GUIDE, COVER UPPER	2	
15	1T8-23114-00-00	. GASKET	2	
16	(1T8-23112-00-00)	WASHER, CAP	2	
17	(1T8-23111-00-00)	BOLT, CAP	2	
18	2T5-23340-00-33	. UNDER BRACKET	1	
19	5J0-23346-00-00	. BOLT 1	2	
20	260-23318-40-00	. HOLDER, CABLE 1	1	
21	(1N1-23158-00-00)	GASKET	2	
22	91311-08025-00	. BOLT, SOCKET HEAD	2	
23	(1M3-23121-00-26)	COVER, UPPER 1	1	
24	(1M3-23131-00-26)	COVER, UPPER 2	1	
25	355-85111-01-00	REFLECTOR, FRONT 1	2	
26	92990-05100-00	WASHER, SPRING	2	
27	92990-05200-00	WASHER, PLAIN	2	
28	1M3-21511-00-26	FENDER, FRONT	1	

CONTINUED ON NEXT FRAME ➤

FRONT FORK - FRONT FENDER

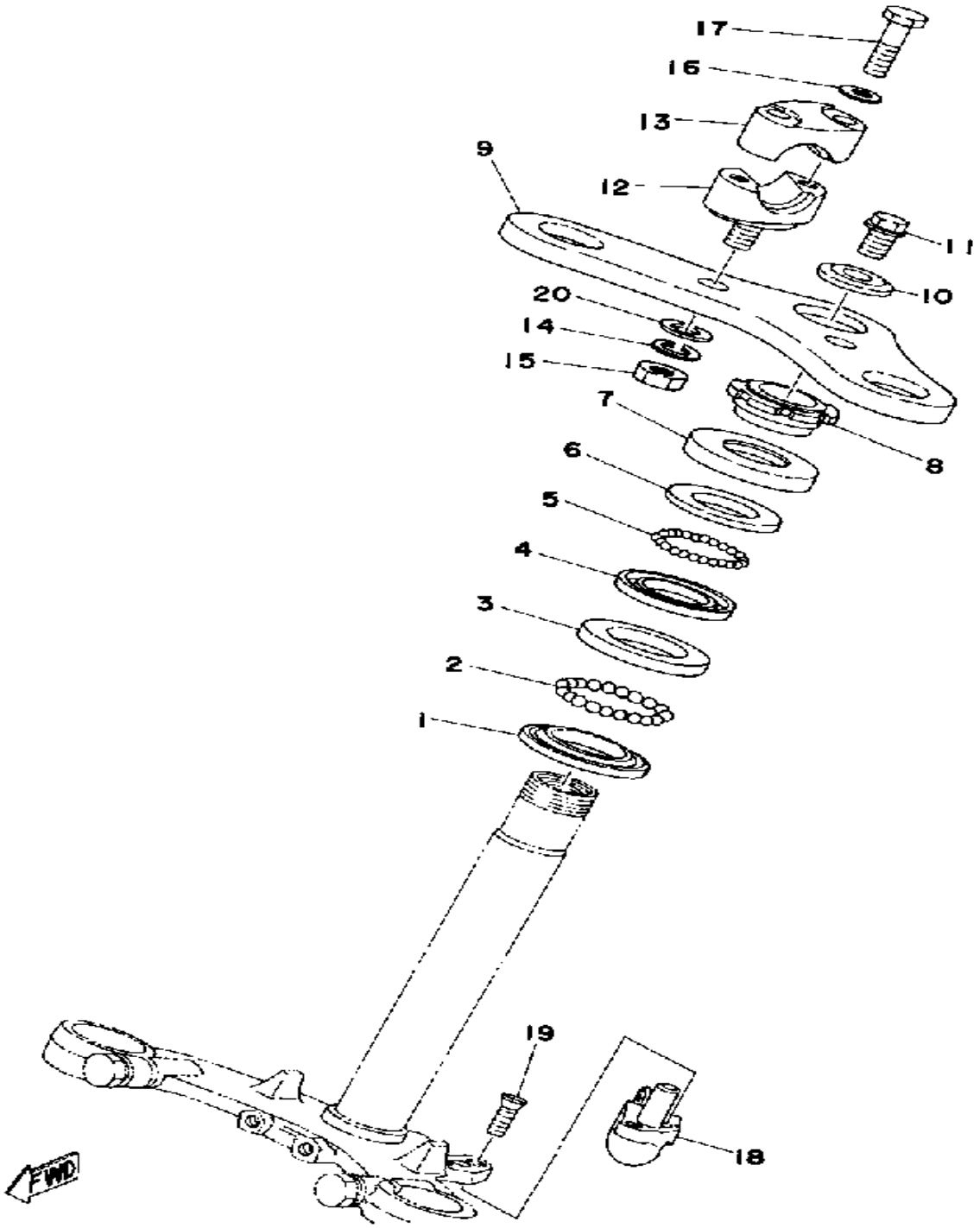


Recommended front fork oil:
Yamaha fork oil 20Wt

Front fork oil capacity:
80 ± 4 cc (2.70 ± 0.14 oz)

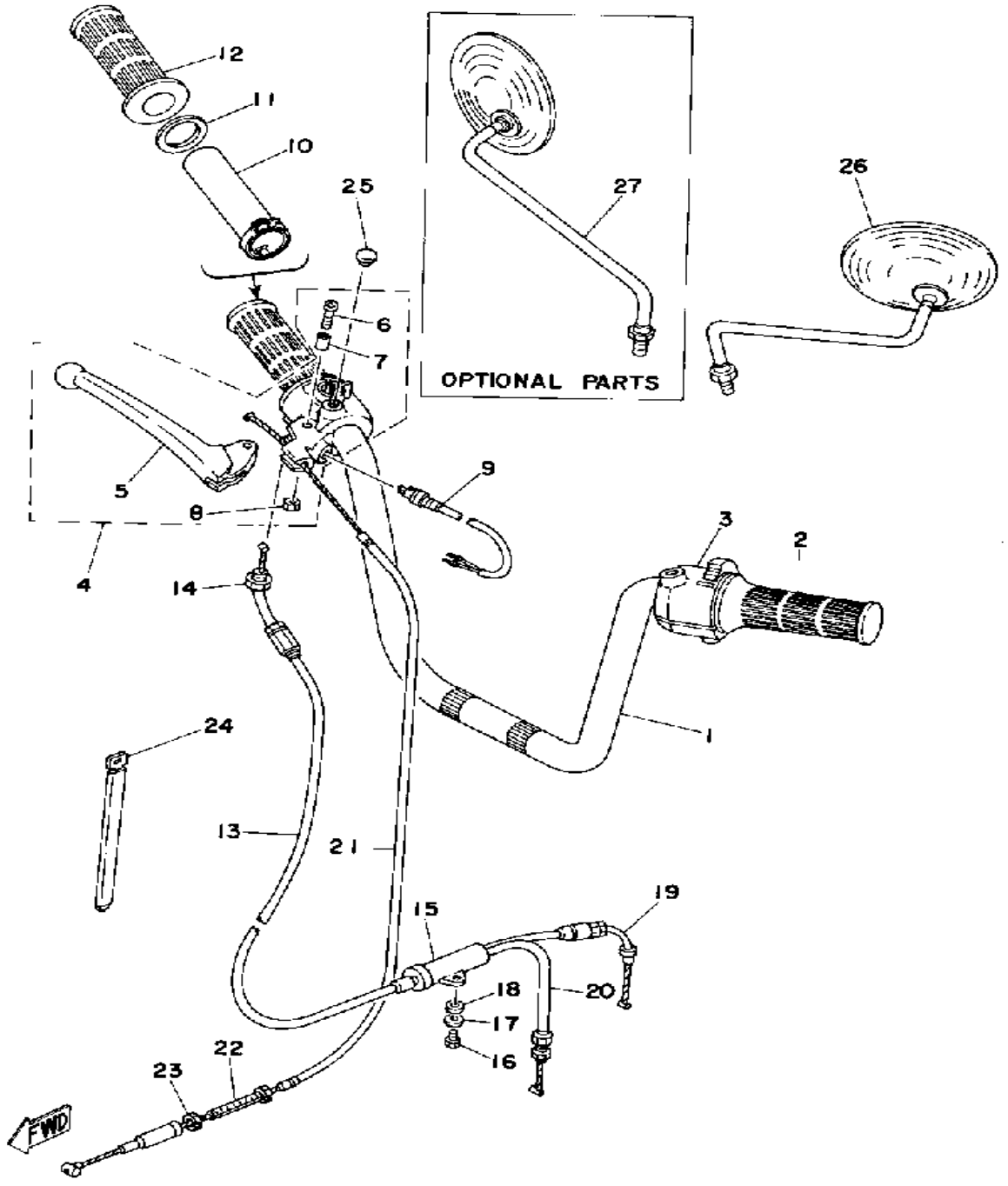
Ref. No.	Part Number	Description	Qty	Remarks
29	90201-06067-00	WASHER, PLATE	4	
30	92995-06100-00	WASHER, SPRING	4	
31	97313-06016-00	BOLT, HEXAGON	4	

STEERING



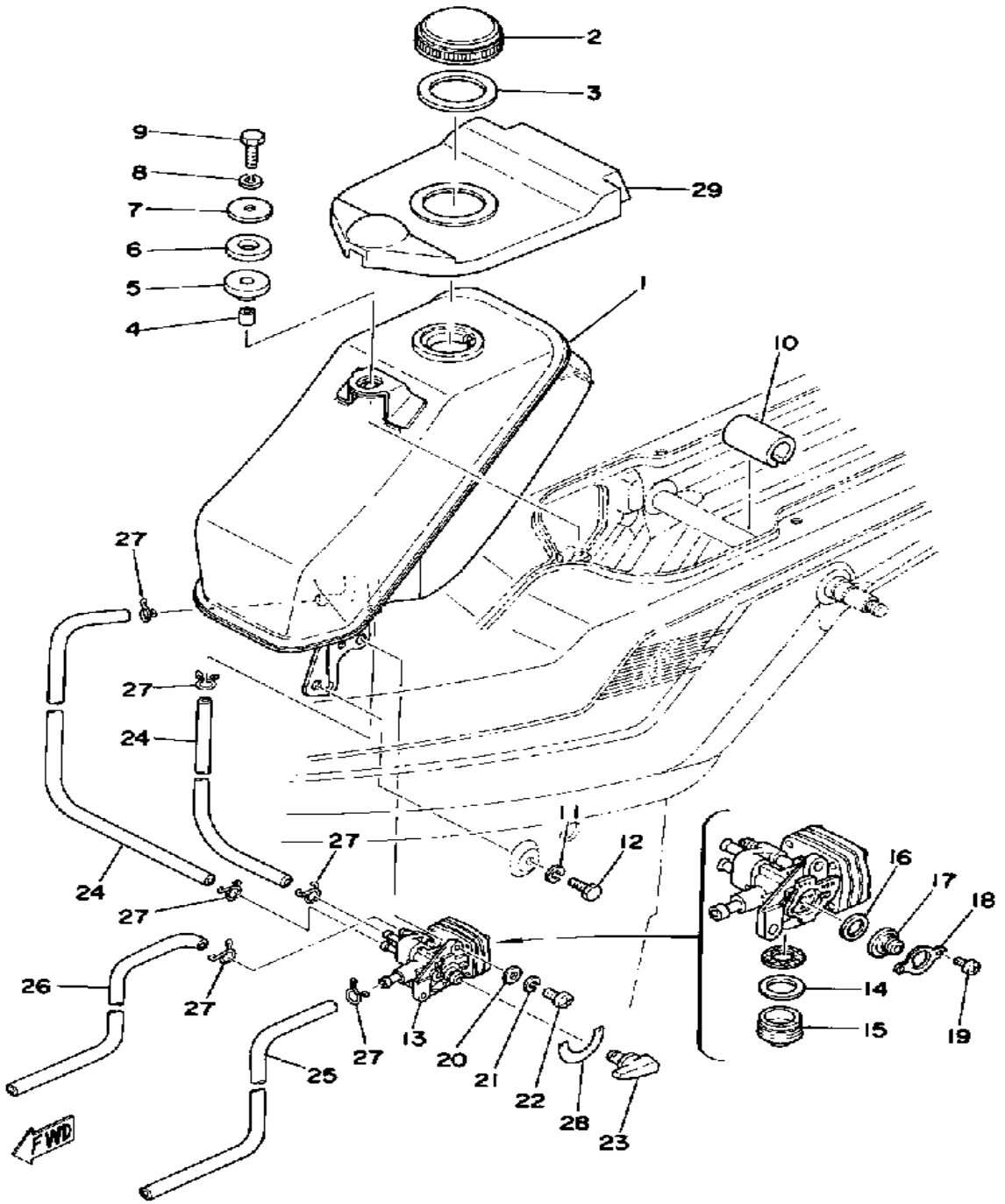
Ref. No.	Part Number	Description	Qty	Remarks
1	156-23411-00-00	RACE, BALL 1	1	
2	93501-04011-00	BALL	19	
3	156-23412-00-00	RACE, BALL 2	1	
4	22F-23412-01-00	RACE, BALL 2	1	
5	93503-16010-00	BALL	22	
6	22F-23411-01-00	RACE, BALL 1	1	
7	122-23416-00-00	COVER, BALL RACE 2	1	
8	90179-25051-00	NUT	1	
9	(439-23435-01-93)	CROWN, HANDLE	1	
10	90209-10021-00	WASHER, SPEC''L SHAP	1	
11	90105-10006-00	BOLT, WASHER BASED	1	
12	462-23442-00-98	HOLDER, HANDLE LWR (122-23442-02-00)	2	
13	462-23441-00-00	HOLDER, HANDLE UPR (122-23441-00-00)	2	
14	92990-10100-00	WASHER, SPRING	2	
15	95303-10600-00	NUT (95301-10600)	2	
16	92901-06600-00	WASHER	4	
17	97013-06035-00	BOLT	4	
18	(1M3-23408-01-00)	STEERING LOCK ASSEMBLY	1	
19	98701-06014-00	SCREW, FLAT HEAD	2	
20	92990-10200-00	WASHER, PLAIN	2	

HANDLE - WIRE



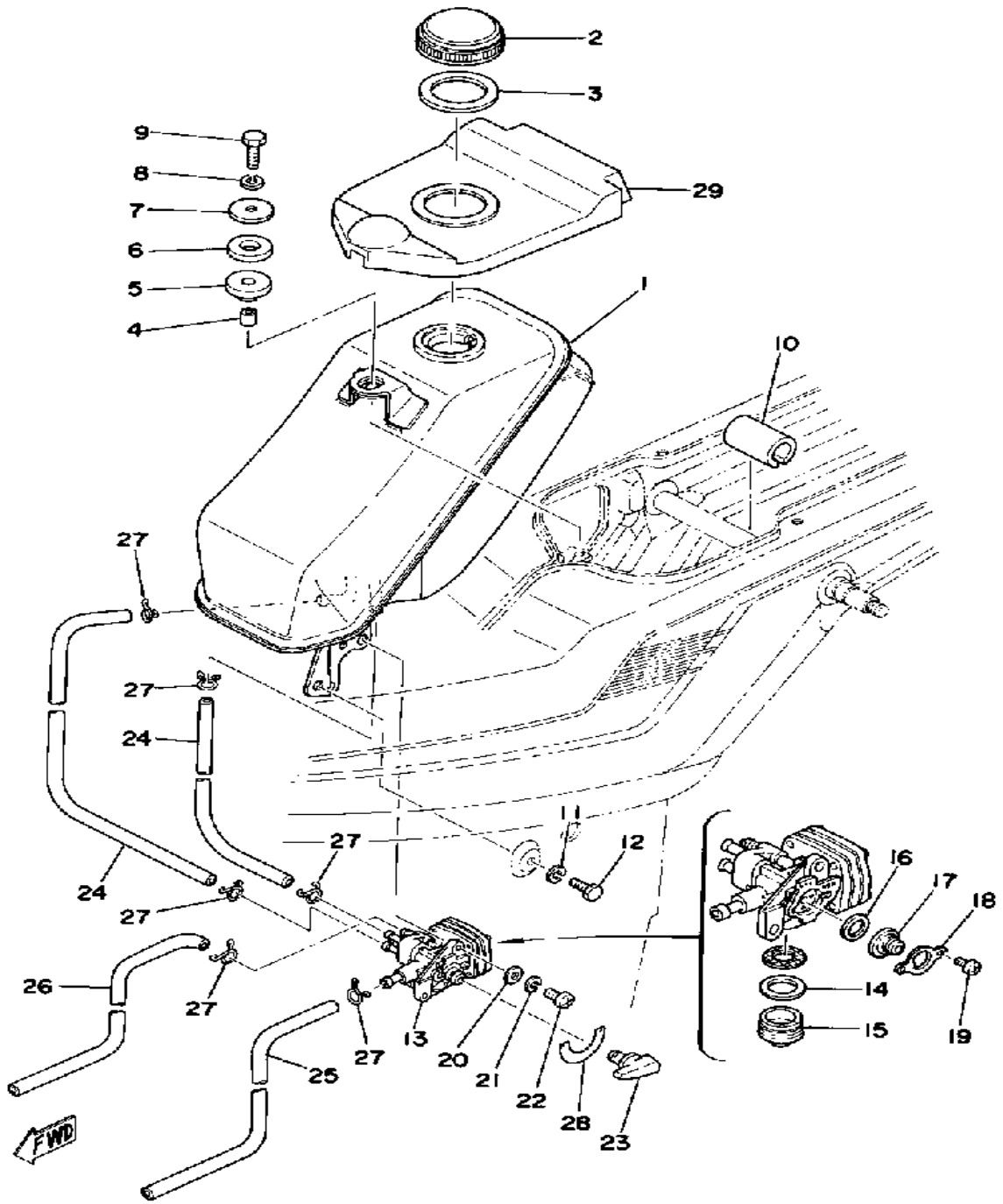
Ref. No.	Part Number	Description	Qty	Remarks
1	(1T8-26111-01-00)	HANDLEBAR	1	
2	353-26241-00-00	GRIP LH	1	
3	(1T8-83973-00-00)	SWITCH, HANDLE 3	1	
4	(1T8-W8292-00-00)	LEVER HOLDER ASSEMBLY R	1	
5	2N3-83922-00-00	. LEVER R	1	
6	98503-05025-00	. SCREW, PAN HEAD (98501-05025)	1	
7	(395-83913-00-00)	COLLAR, LEVER 1	1	
8	95380-05600-00	. NUT	1	
9	395-83980-00-00	STOP SWITCH ASSEMBLY	1	
10	1V1-26243-00-00	TUBE, THRTL GUIDE	1	
11	150-26249-00-00	RING, LEAF	1	
12	353-26242-00-00	GRIP RH	1	
13	1M3-26311-00-00	CABLE, THROTTLE 1	1	
14	90170-10038-00	NUT, HEXAGON	1	
15	137-26261-01-00	CONNECTOR, CABLE	1	
16	98580-06012-00	SCREW, PAN HEAD	1	
17	92995-06100-00	WASHER, SPRING	1	
18	92901-06600-00	WASHER	1	
19	1M3-26321-00-00	CABLE, PUMP	1	
20	1M3-26312-00-00	CABLE, THROTTLE 2	1	
21	1M3-26341-01-00	CABLE, BRAKE	1	
22	90123-06011-00	BOLT	1	
23	90179-06143-00	NUT, SPEC''L SHAPE	1	
24	437-83936-01-00	BAND, SWITCH CORD	2	
25	90338-07011-00	PLUG, SPEC''L SHAPE	1	
26	266-26290-10-00	3MIRROR ASSEMBLY LH	1	
27	395-26290-00-00	MIRROR ASSEMBLY RH	1	

FUEL TANK



Ref. No.	Part Number	Description	Qty	Remarks
1	1M3-24110-00-33	FUEL TANK	1	
2	22F-24610-10-00	CAP ASSEMBLY	1	
3	296-24612-00-00	GASKET, CAP	1	
4	90387-07390-00	COLLAR	1	
5	90480-14088-00	GROMMET	1	
6	90202-14077-00	WASHER, PLATE	1	
7	90201-06074-00	WASHER, PLATE	1	
8	92995-06100-00	WASHER, SPRING	1	
9	97011-06025-00	BOLT (97001-06025)	1	
10	439-24181-00-00	DAMPER, LOCATING 1	1	
11	92995-06100-00	WASHER, SPRING	1	
12	97313-06016-00	BOLT, HEXAGON	1	
13	1M3-24500-00-00	FUEL COCK ASSEMBLY 1	1	
14	266-24522-00-00	. GASKET	1	
15	395-24521-00-00	. CUP, FILTER	1	
16	266-24523-00-00	. VALVE	1	
17	(1M3-24523-00-00)	VALVE	1	
18	(439-24525-00-00)	PLATE, LVR FITTING	1	
19	98580-03008-00	. SCREW, PAN HEAD	2	
20	92901-06600-00	WASHER	2	
21	92995-06100-00	WASHER, SPRING	2	
22	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
23	1M3-24524-00-00	LEVER, COCK	1	
24	90445-09083-00	HOSE	2	
25	90445-09073-00	HOSE	1	
26	(1M3-24335-00-00)	PIPE, SUCTION 1	1	
27	90467-08003-00	CLIP	6	
28	(1T8-24549-00-00)	EMBLEM, FUEL COCK	1	

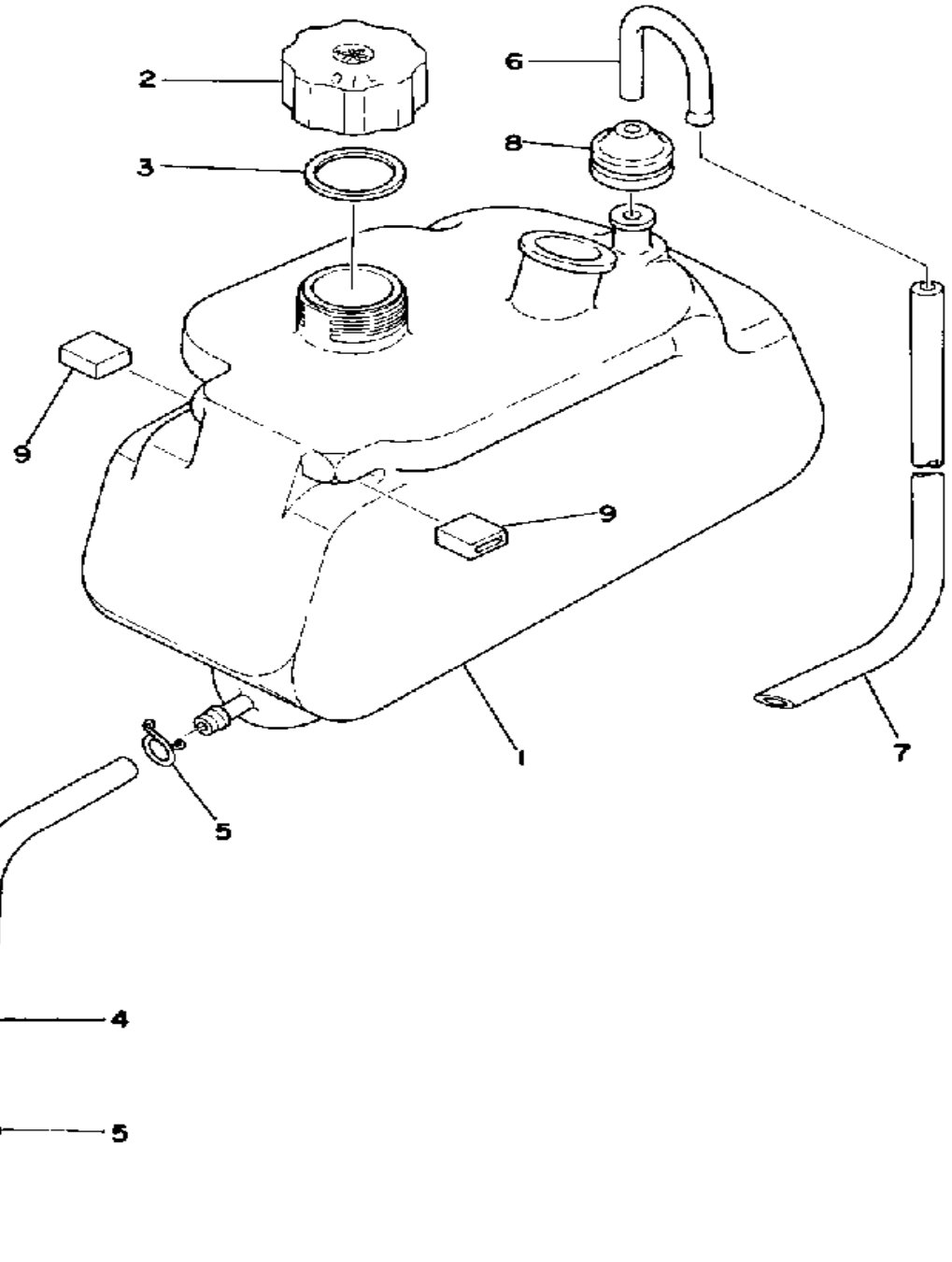
CONTINUED ON NEXT FRAME ➤



FUEL TANK

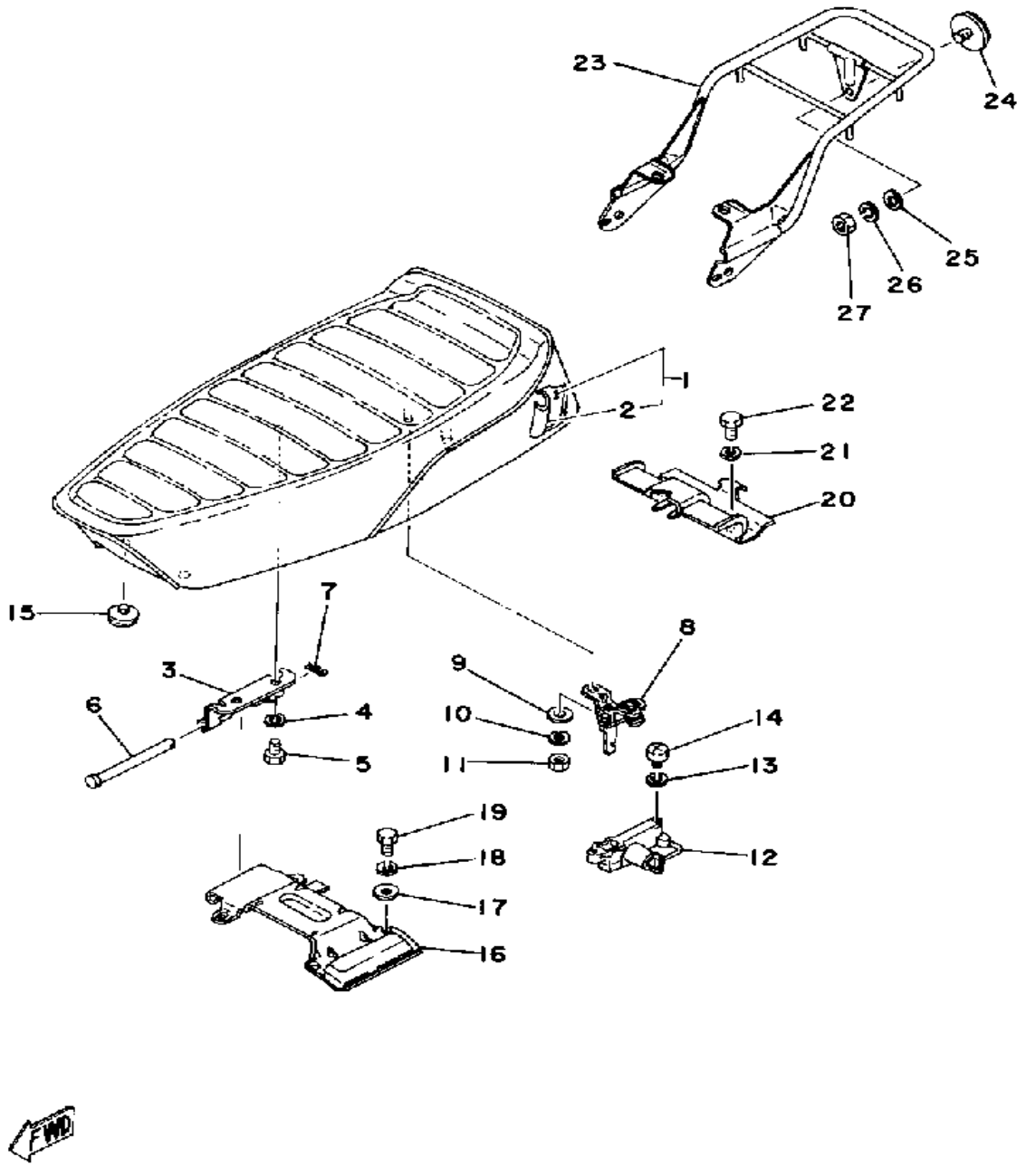
Ref. No.	Part Number	Description	Qty	Remarks
29	(1M3-24198-00-00)	SEAT, RUBBER	1	

OIL TANK

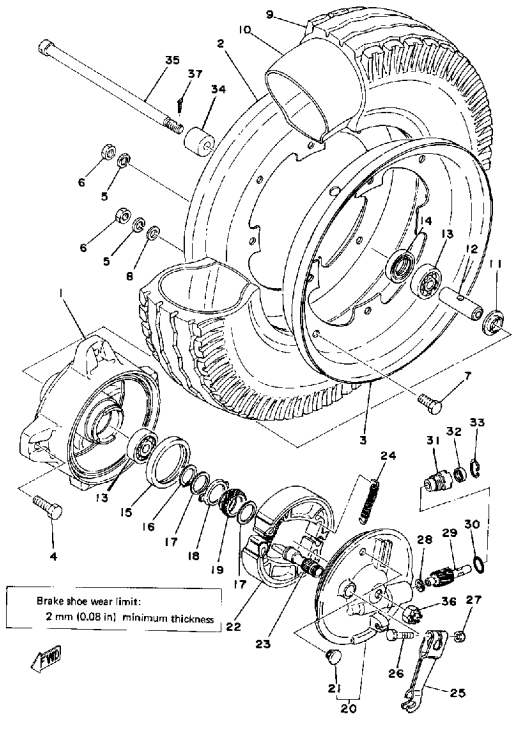


Ref. No.	Part Number	Description	Qty	Remarks
1	(1M3-21751-01-00)	TANK, OIL	1	
2	296-21771-62-00	BODY, CAP	1	
3	296-21772-00-00	GASKET, CAP	1	
4	90445-09119-00	HOSE	1	
5	90467-08003-00	CLIP	2	
6	(561-24119-00-00)	TUBE, CONNECTING	1	
7	1M3-21715-01-00	UNAVAILABLE IN PRICE BOOK	1	
8	(1M3-21759-00-00)	GROMMET, GAUGE	1	
9	561-24723-01-00	DAMPER, SEAT	2	

SEAT - CARRIER



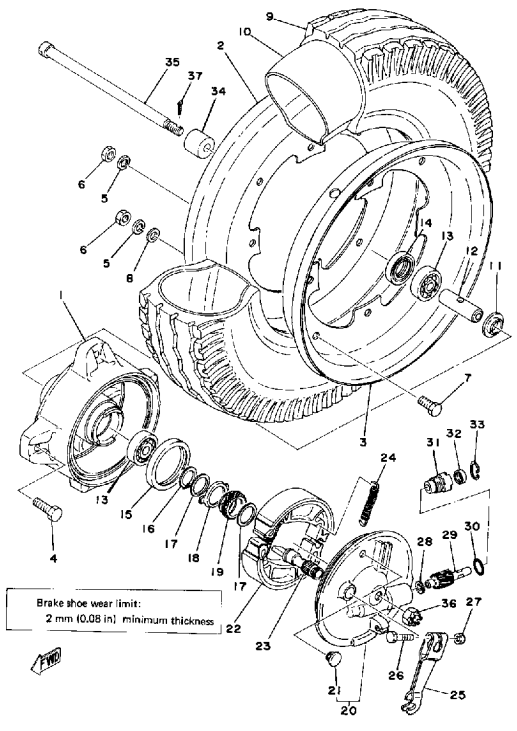
Ref. No.	Part Number	Description	Qty	Remarks
1	(1M3-24770-01-00)	SEMI-DBL SEAT ASSEMBLY	1	
2	(1M3-24771-00-00)	COVER, SM-DBL SEAT	1	
3	(1M3-24726-01-00)	HINGE, SEAT	1	
4	92995-06100-00	WASHER, SPRING	2	
5	97301-06014-00	BOLT, HEXAGON	2	
6	91701-05105-00	PIN, CLEVIS (3M7)	1	
7	90468-10050-00	CLIP	3	
8	(1M3-24728-00-00)	BRACKET, SEAT	1	
9	92901-06600-00	WASHER	2	
10	92995-06100-00	WASHER, SPRING	2	
11	95380-06600-00	NUT	2	
12	(1M3-24705-00-00)	SEAT LOCK ASSEMBLY	1	
13	92995-06100-00	WASHER, SPRING	2	
14	98580-06012-00	SCREW, PAN HEAD	2	
15	1L9-24741-00-00	PAD, SEAT	4	
16	(1M3-21219-01-00)	BRACKET, SEAT 1	1	
17	92901-06600-00	WASHER	4	
18	92995-06100-00	WASHER, SPRING	4	
19	97313-06016-00	BOLT, HEXAGON	4	
20	(1M3-21349-00-00)	BRACKET, SEAT	1	
21	92990-08100-00	WASHER	2	
22	97313-08018-00	BOLT, HEXAGON (97301-08016)	2	
23	(1T8-24810-00-00)	CARRIER ASSEMBLY	1	
24	449-85131-02-00	REFLECTOR, REAR 1	1	
25	92990-05200-00	WASHER, PLAIN	1	
26	92990-05100-00	WASHER, SPRING	1	
27	95380-05600-00	NUT	1	



FRONT WHEEL

Ref. No.	Part Number	Description	Qty	Remarks
1	(439-25111-01-35)	HUB, FRONT	1	
2	(1M3-25337-00-35)	PANEL, WHEEL 1	1	
3	(1M3-25347-10-35)	PANEL, WHEEL 2	1	
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	(94140-10367-00)	TIRE 400X10 NT-1 6	1	
10	94235-10202-00	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	(1T8-25135-00-00)	GEAR, DRIVE	1	
20	1T8-25120-00-38	UNAVAILABLE IN PRICE BOOK	1	
21	90480-10068-00	. GROMMET	1	
22	10X-W2536-00-00	BRAKESHOE SET-2PCS	2	
23	3Y6-25351-00-00	CAMSHAFT	1	
24	90506-16150-00	SPRING, TENSION (102-25333-00)	2	
25	538-25155-00-00	LEVER, CAMSHAFT 1	1	
26	90101-06278-00	BOLT	1	
27	95380-06600-00	NUT	1	
28	90201-07076-00	WASHER, PLATE	1	

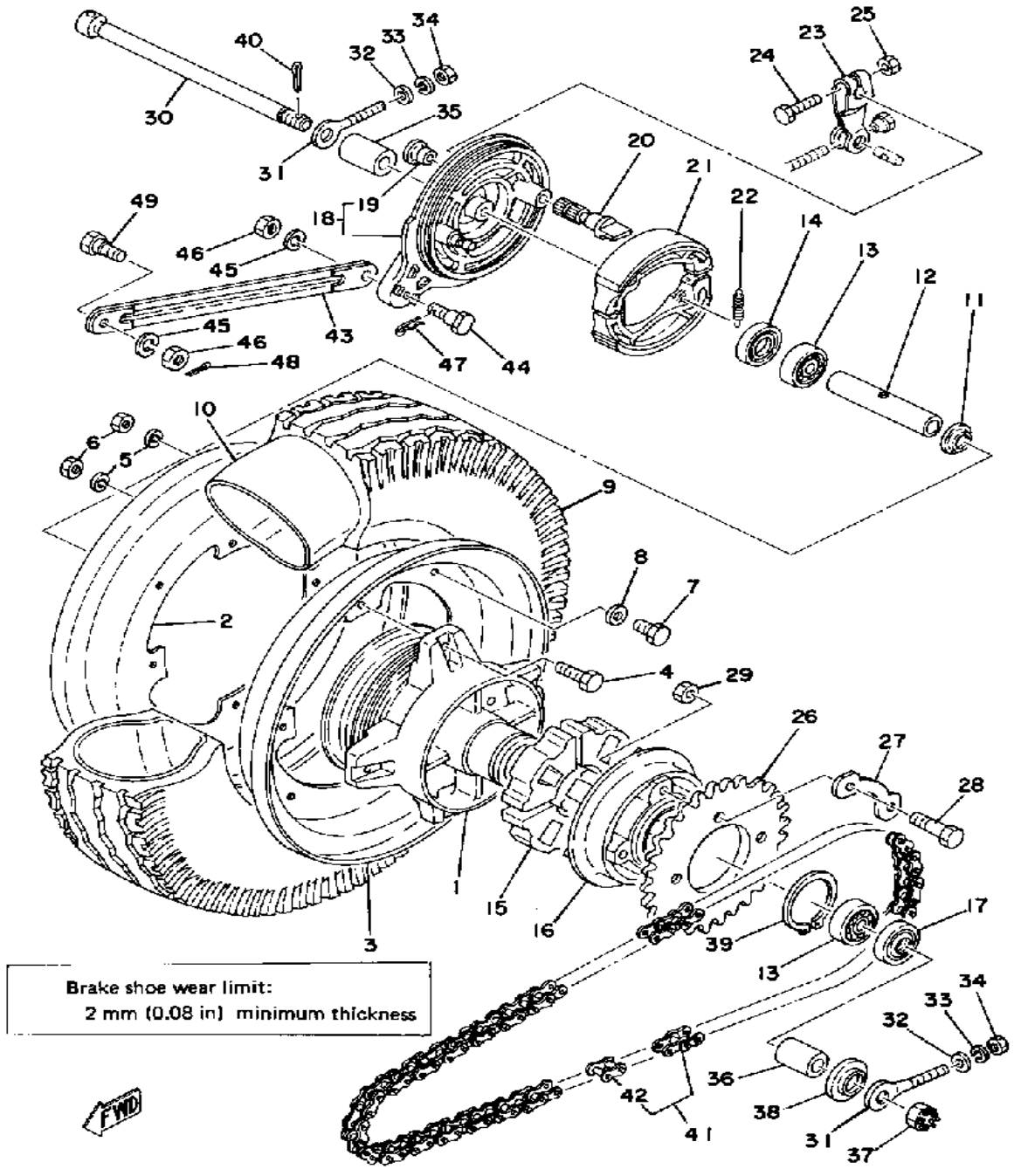
CONTINUED ON NEXT FRAME ➤



FRONT WHEEL

Ref. No.	Part Number	Description	Qty	Remarks
29	(1T8-25138-00-00)	GEAR, METER	1	
30	93210-14104-00	O-RING	1	
31	109-25136-00-00	BUSH	1	
32	93104-07003-00	OIL SEAL	1	
33	102-25137-00-00	RING, STOP	1	
34	90387-10081-00	COLLAR (128-25183-00)	1	
35	(1T8-25181-00-00)	AXLE, WHEEL	1	
36	90171-10004-00	NUT, CASTLE	1	
37	91490-20020-00	PIN, COTTER	1	

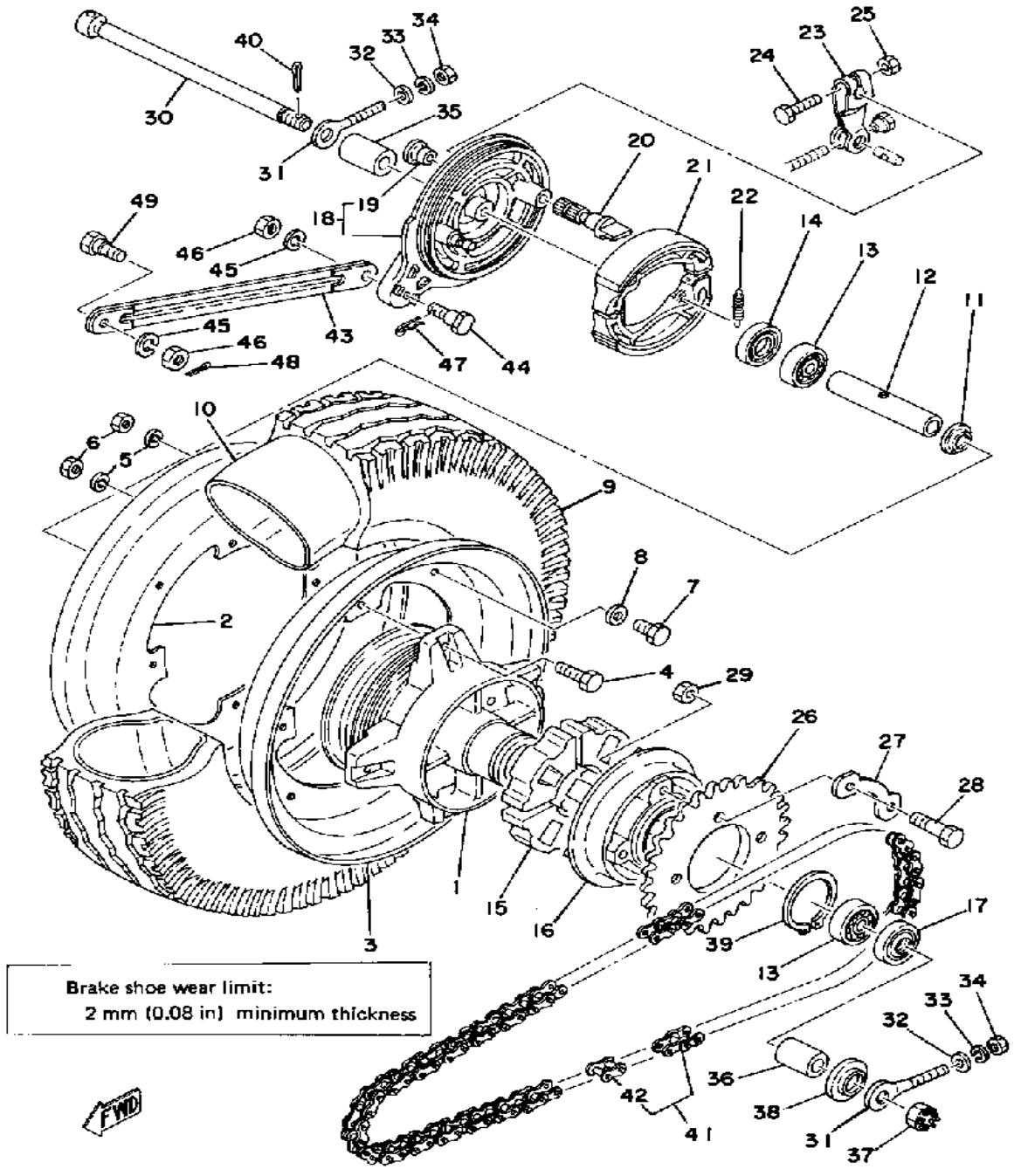
REAR WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
1	(561-25311-00-00)	HUB, REAR	1	
2	(1M3-25337-00-35)	PANEL, WHEEL 1	1	
3	(1M3-25347-10-35)	PANEL, WHEEL 2	1	
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	(94140-10367-00)	TIRE 400X10 NT-1 6	1	
10	94235-10202-00	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	304-25364-01-00	DAMPER	4	
16	(561-25366-00-00)	CLUTCH, HUB	1	
17	93106-20033-00	OIL SEAL (3TU)	1	
18	(355-25320-00-38)	BRAKE SHOE PLT ASSEMBLY	1	
19	90480-10068-00	. GROMMET	1	
20	3Y6-25351-00-00	CAMSHAFT	1	
21	10X-W2536-00-00	BRAKESHOE SET-2PCS	2	
22	90506-16150-00	SPRING, TENSION (102-25333-00)	2	
23	(1M3-25355-01-00)	LEVER, CAMSHAFT	1	
24	90101-06278-00	BOLT	1	
25	95380-06600-00	NUT	1	
26	122-25436-10-00	SPROCKET, DRVN 36T	1	
27	102-25412-00-00	WASHER	2	
28	90101-08672-00	BOLT	4	

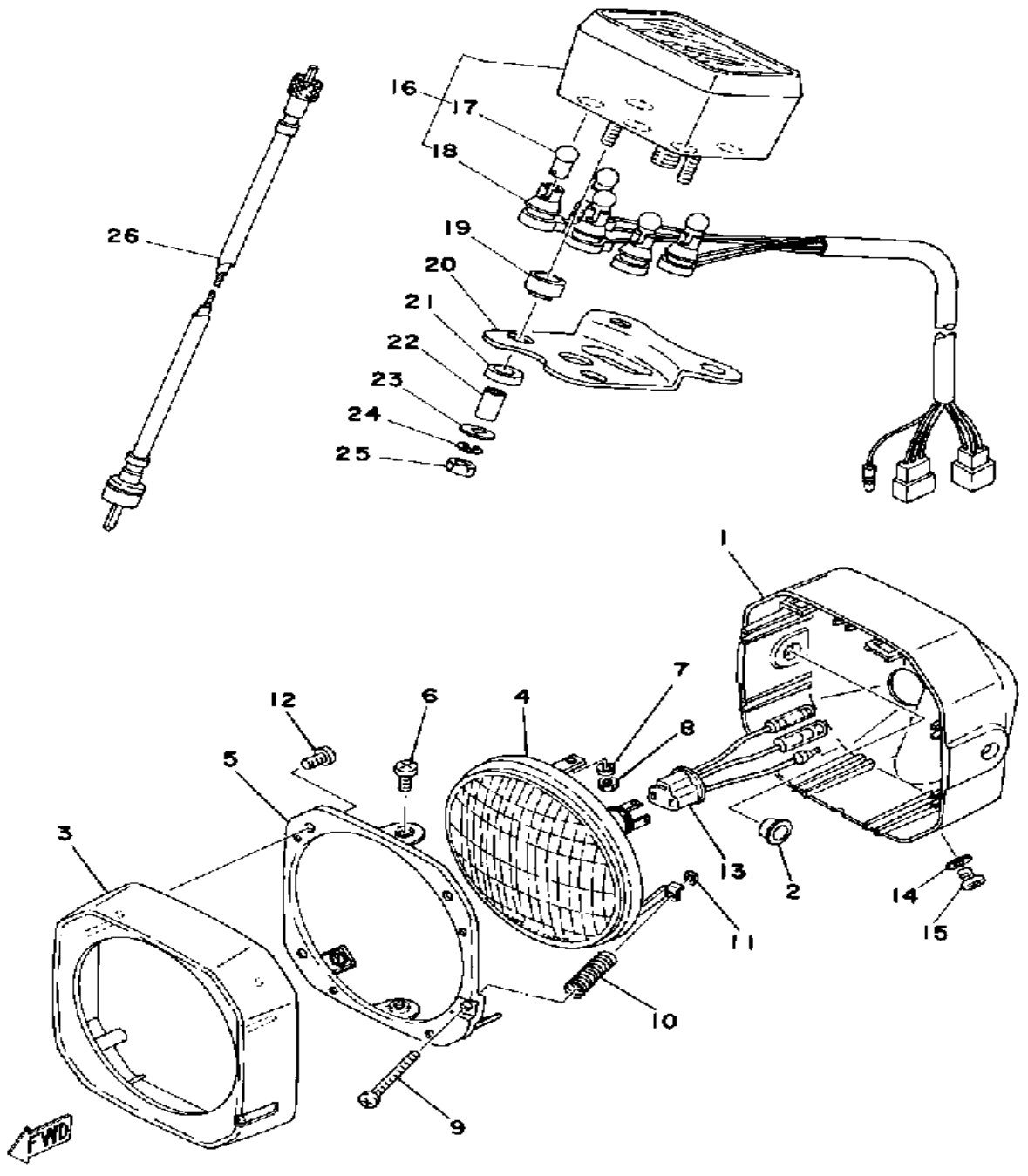
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REAR WHEEL



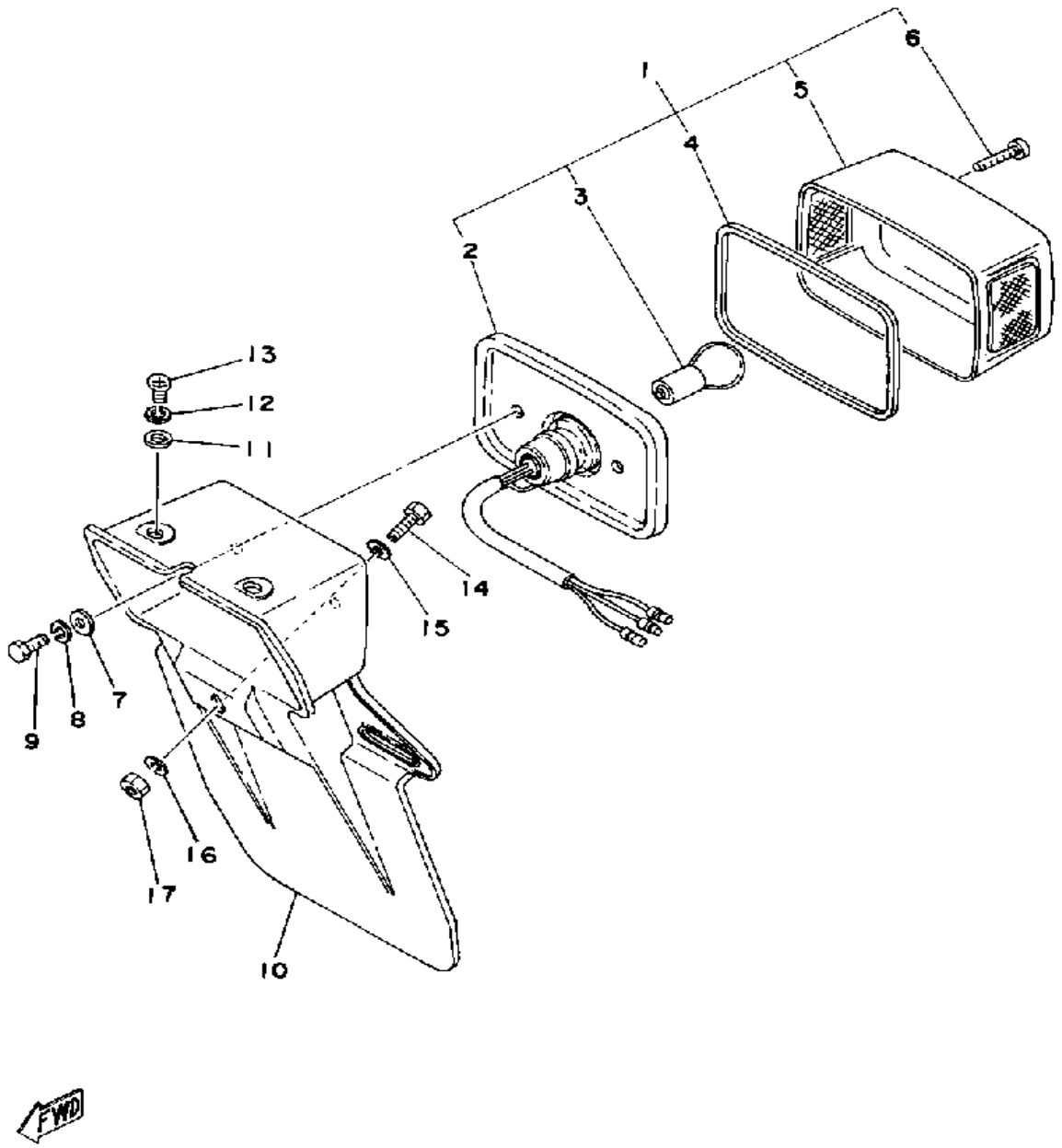
Ref. No.	Part Number	Description	Qty	Remarks
29	90179-08639-00	NUT, SPEC''L SHAPE (30)	4	
30	439-25381-01-00	AXLE, WHEEL	1	
31	102-25389-00-00	PULLER, CHAIN 2	2	
32	92901-06600-00	WASHER	2	
33	92995-06100-00	WASHER, SPRING	2	
34	95380-06600-00	NUT	2	
35	90387-12412-00	COLLAR	1	
36	90387-120F9-00	COLLAR	1	
37	90171-12005-00	NUT, CASTLE	1	
38	(561-25367-00-00)	COVER, HUB DUST	1	
39	(93410-47030-00)	CIRCLIP, S-TYPE	1	
40	91401-30030-00	PIN, COTTER	1	
41	94580-52096-00	420M-96RD	1	
42	94680-52001-00	. JOINT, CHAIN (DID 420M) ...	1	
43	561-25371-00-00	BAR, TENSION	1	
44	90109-08183-00	BOLT	1	
45	92990-08100-00	WASHER	2	
46	95303-08700-00	NUT	2	
47	91490-20020-00	PIN, COTTER	1	
48	90468-10050-00	CLIP	1	
49	90109-08368-00	BOLT	1	

HEAD LAMP - SPEEDOMETER



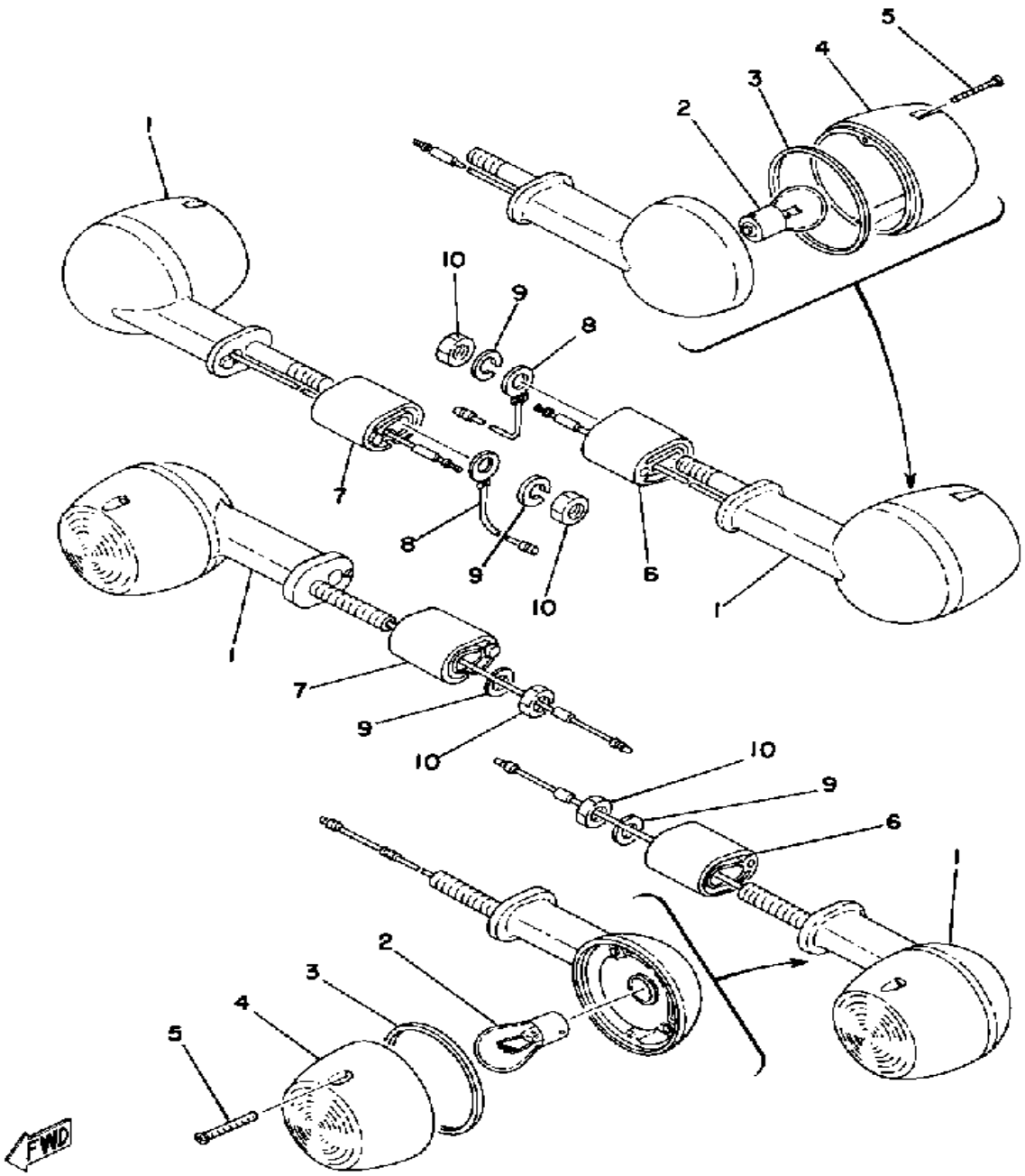
Ref. No.	Part Number	Description	Qty	Remarks
1	1M3-84111-02-1A	BODY HEADLIGHT	1	
2	(1M3-84145-01-00)	COLLAR, BODY FTNG	2	
3	1T8-84115-60-26	RIM, HEADLIGHT	1	
4	388-84120-61-00	LENS ASSEMBLY	1	
5	(1T8-84194-60-00)	RING, MOUNTING	1	
6	98580-04008-00	SCREW, PAN HEAD	2	
7	92901-04100-00	WASHER, SPRING	2	
8	95301-04600-00	NUT	2	
9	(1T8-84131-60-00)	SCREW, RIM ADJUSTER	1	
10	341-84332-60-00	SPRING, SCREW	1	
11	198-84334-60-00	NUT, ADJUSTING	1	
12	97780-40114-00	SCREW, TAPPING	4	
13	371-84312-60-00	SOCKET	1	
14	92901-05600-00	WASHER, PLATE	2	
15	98580-05010-00	SCREW, PAN HEAD	2	
16	(1T8-83510-60-00)	SPEEDOMETER ASSEMBLY	1	
17	122-83516-10-00	. BULB (122-83516-10)	5	
18	(1T8-83520-00-00)	SOCKET CORD ASSEMBLY	1	
19	(1M3-83513-00-00)	DAMPER	2	
20	(1M3-83519-00-33)	BRACKET, METER	1	
21	355-83526-00-00	DAMPER 2	2	
22	355-83522-00-00	COLLAR	2	
23	90201-06412-00	WASHER, PLATE	2	
24	92995-06100-00	WASHER, SPRING	2	
25	95380-06600-00	NUT	4	
26	3T5-83550-80-00	SPEEDOMETER CABLE	1	

TAIL LAMP

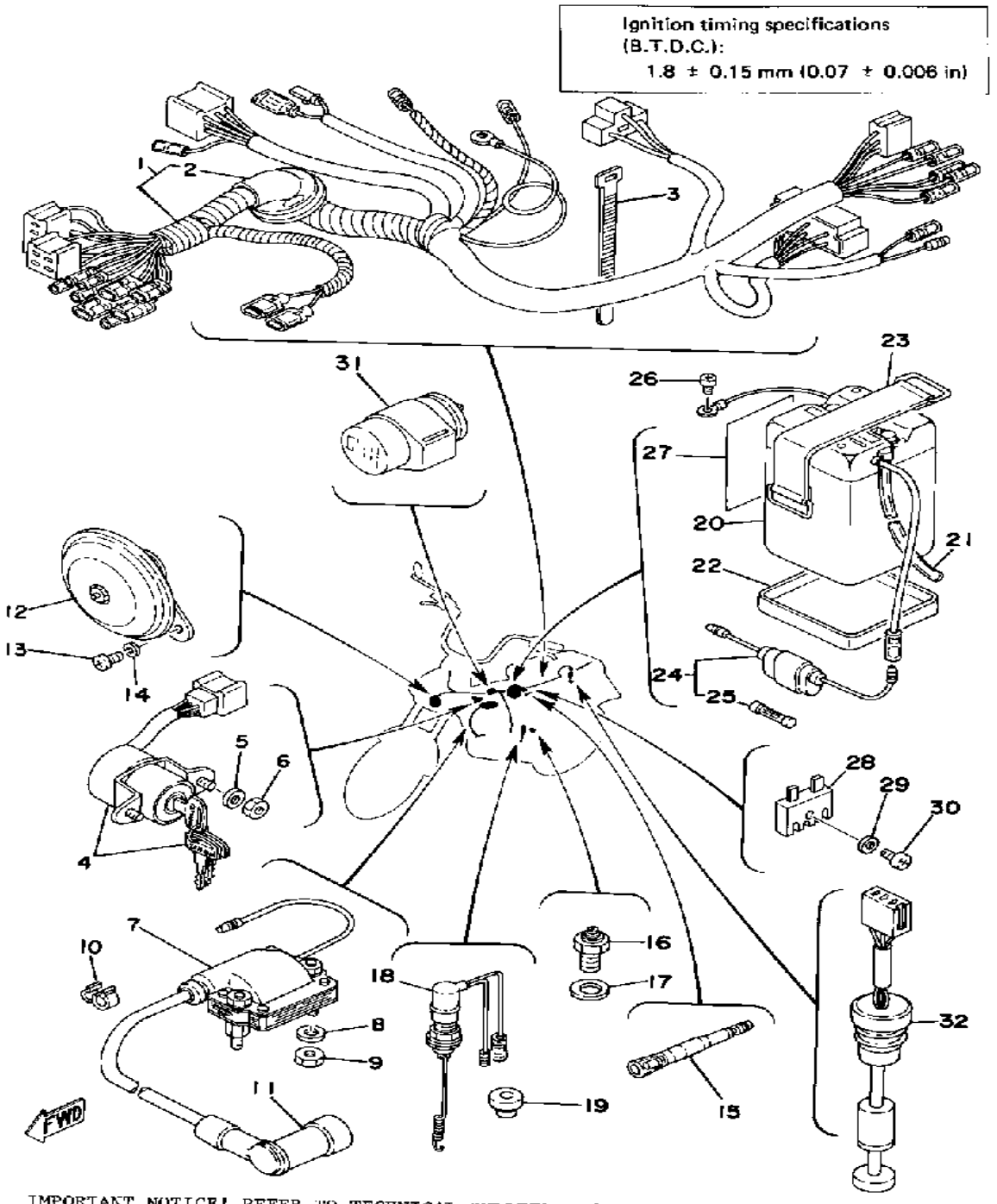


Ref. No.	Part Number	Description	Qty	Remarks
1	1M1-84510-60-00	TAILLIGHT UNIT ASSEMBLY . .	1	
2	1M1-84511-60-00	. BASE, TAILLIGHT	1	
3	1M1-84514-60-00	. BULB	1	
4	1M1-84523-60-00	. GASKET, LENS	1	
5	1M1-84521-60-00	. LENS, TAILLIGHT	1	
6	1M1-84524-60-00	. SCREW, LENS FITTING	2	
7	90201-06063-00	WASHER, PLATE	2	
8	92995-06100-00	WASHER, SPRING	2	
9	97021-06030-00	BOLT	2	
10	(1T8-28189-00-00)	PLATE, NO SUPPORT	1	
11	92901-06600-00	WASHER	2	
12	92995-06100-00	WASHER, SPRING	2	
13	98506-06016-00	SCREW, PANHEAD	2	
14	97001-06018-00	BOLT	1	
15	90201-06067-00	WASHER, PLATE	1	
16	92995-06100-00	WASHER, SPRING	1	
17	95380-06600-00	NUT	1	

FLASHER LAMP



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

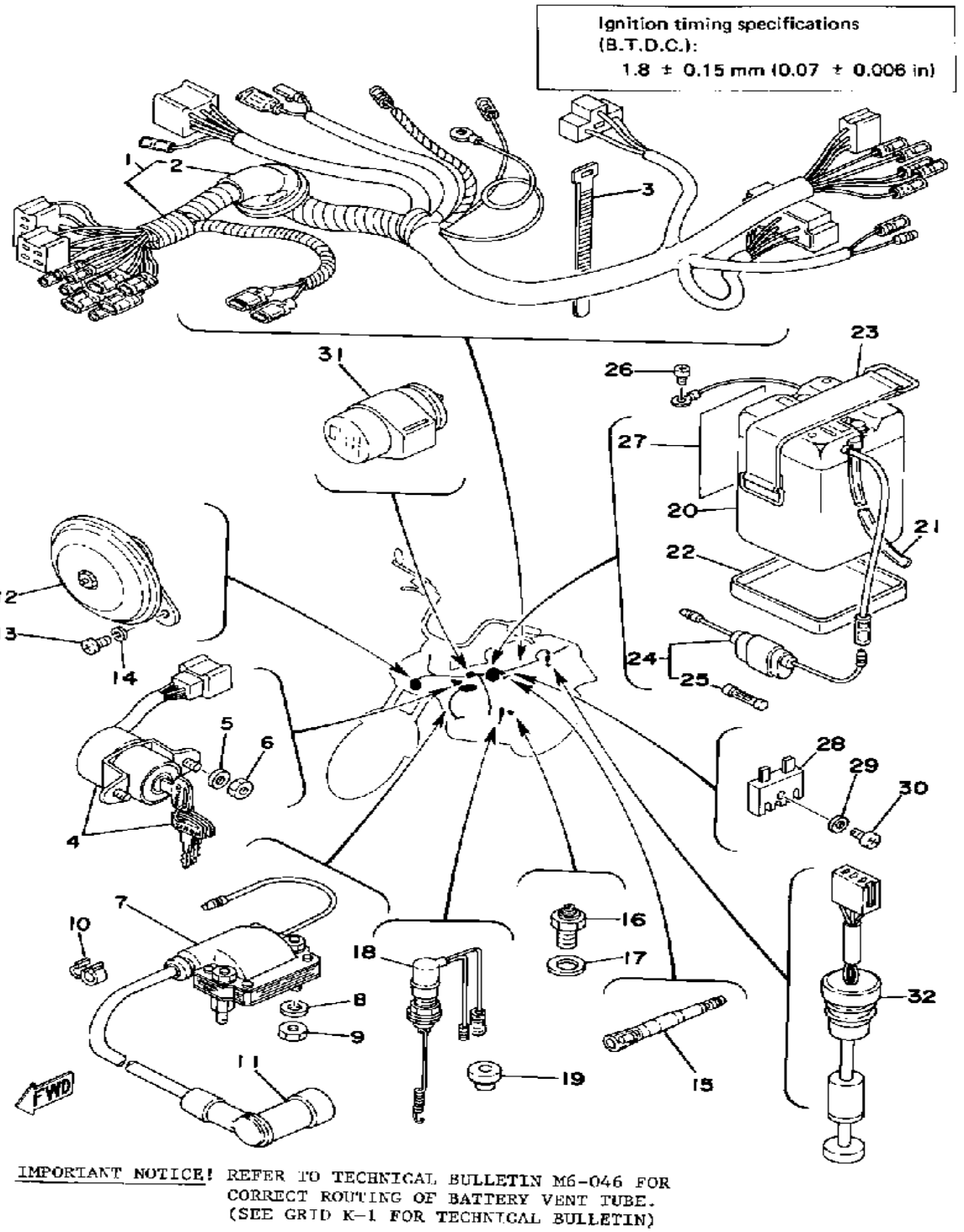


ELECTRICAL

Ref. No.	Part Number	Description	Qty	Remarks
1	(1T8-82590-60-00)	WIRE HARNESS ASSEMBLY	1	
2	(1M3-82595-00-00)	GROMMET	1	
3	437-83936-01-00	BAND, SWITCH CORD	2	
4	(1T8-82508-60-00)	MAIN SWITCH ASSEMBLY	1	
5	92901-06600-00	WASHER	2	
6	95303-06800-00	NUT (CROWN)	2	
7	(1M3-82310-30-00)	IGNITION COIL ASSEMBLY	1	U.R
	(1M3-82310-40-00)	IGNITION COIL ASSEMBLY	1	
8	92990-06200-00	WASHER	2	
9	95303-06800-00	NUT (CROWN)	2	
10	90468-15020-00	CLIP	1	
11	56J-82370-00-00	PLUG CAP ASSEMBLY	1	
12	2A7-83371-10-00	HORN	1	
13	98580-06012-00	SCREW, PAN HEAD	2	
14	92995-06100-00	WASHER, SPRING	2	
15	517-81980-A0-00	DIODE ASSY	1	
16	2H7-82540-00-00	NEUTRAL SWITCH ASSEMBLY	1	
17	341-82543-00-00	GASKET	1	
18	(1M3-82530-01-00)	STOP SWITCH ASSEMBLY	1	
19	90480-12013-00	GROMMET	1	
20	BTG-6N42A-20-00	GS 6N4-2A-2 (6N4-2A-2) (308-82110-10)	1	
21	90445-08047-00	HOSE (168-82112-00)	1	
22	583-24182-00-00	DAMPER, LOCATING 2	1	
23	122-82131-00-00	BAND, BATTERY	1	
24	55K-82150-01-00	FUSE HOLDER ASS''Y (55K-82150-00-00)	1	
25	116-82151-00-00	. FUSE (10A)	1	
26	98580-06010-00	SCREW, PAN HEAD (92503-06010)	1	

CONTINUED ON NEXT FRAME ➤

ELECTRICAL



IMPORTANT NOTICE! REFER TO TECHNICAL BULLETIN M6-046 FOR CORRECT ROUTING OF BATTERY VENT TUBE. (SEE GRID K-1 FOR TECHNICAL BULLETIN)

Ref. No.	Part Number	Description	Qty	Remarks
27	118-82141-09-00	LABEL, BATTERY	1	
28	353-81970-63-00	RECTIFIER ASSEMBLY	1	
29	92901-05600-00	WASHER, PLATE	1	
30	98580-05020-00	SCREW, PAN HEAD	1	
31	542-83350-60-00	FLASHER RELAY ASSEMBLY .	1	
32	(1E7-85720-02-00)	OIL LVL GAUGE ASSEMBLY . .	1	

REPAIR KIT

Ref. No.	Part Number	Description	Qty	Remarks
1	367-11630-30-00	UNAVAILABLE IN PRICE BOOK	1	
	367-11630-40-00	UNAVAILABLE IN PRICE BOOK	1	
	367-11630-51-00	PISTON KIT STD	1	
	367-11630-61-00	PISTON KIT 1ST	1	
	367-11630-71-00	PISTON KIT 2ND	1	
2	367-11631-11-96	. PISTON STD	1	
	367-11635-11-00	. PISTON 1 O/S 0. 5	1	
	367-11636-11-00	. PISTON 2 O/S 0. 0	1	
	367-11637-11-00	. PISTON 3 O/S 0. 5	1	
	367-11638-11-00	. PISTON 4 O/S 1. 0	1	
3	527-11633-00-00	. PIN, PISTON	1	
4	93450-13022-00	. CIRCLIP	2	
5	367-11610-00-00	. PISTON RINGSET STD	1	
	367-11610-10-00	. PISTON RINGSET 1ST	1	
	367-11610-20-00	. PISTON RINGSET 2ND	1	
	367-11610-30-00	. PISTON RINGSET 3RD	1	
	367-11610-40-00	. PISTON RINGSET 4TH	1	
6	517-11650-00-00	UNAVAILABLE IN PRICE BOOK	1	
7	3R1-11651-01-00	. ROD, CONNECTING	1	
8	93310-418T0-00	. BERING, CYLINDRICAL	1	
9	257-11681-00-00	. PIN, CRANK 1	1	
10	93310-11268-00	. BEARING	1	

MOTORCYCLE
M6-050

LB80-3D Champ
1977 SERVICE DATA

MODEL – IBM I.D. NUMBER	LB80-3D Champ 1T8		
Starting Engine and Frame Number	1T8-000101		
Basic Color (fuel tank)	Competition Yellow		
Net Weight	168 lbs.		
ENGINE (type, induction system)	2-stroke, 7-port, Reed Valve, Air-cooled, Single		
Bore x Stroke x Cylinder(s) Displacement	47 x 42mm x 1 72cc (4.39 CID)		
Compression Ratio (pressure)	5.8:1		
Piston Skirt Clearance (new/max.)	.025 ~ .030mm (.0010 ~ .0012") / 0.1mm (.004")		
Ring End Gap (top/2nd/3rd)	0.15 ~ 0.35mm (.006 ~ .014") / Same / ϕ		
Ring Groove Clearance (top/2nd/3rd)	.03 ~ .05mm (.0012 ~ .0020") / Same / ϕ		
Valve Clearance (eng. cold) Intake/Exhaust	ϕ		
AUTOLUBE – Minimum Pump Stroke/Color Code	0.20 ~ 0.25mm (.008 ~ .010") / Orange		
CARBURETOR (mfr.) (type) (I.D. number)	Mikuni VM16SC 1M600		
Main Jet	No. 100		
Needle Jet	E-6		
Jet Needle/Clip Position	3G9-3		
Cutaway	3.0		
Pilot Jet	No. 20		
Air Jet	2.5		
Starter Jet	No. 25		
Air Screw (turns out) (idle speed)	1¼		
Float Level	22.0 ± 1mm		
Air Filter (type x quantity)	Oiled Foam Rubber x 1		
DRIVE – Primary (type) (teeth) (ratio)	Helical Gear	66/21	3.142
Secondary (type) (teeth) (ratio)	DK420, 92L	36/14	2.571
Transmission Ratios 1st (teeth) (ratio) (O.A.)	39/12	3.250	26.265
2nd	29/16	1.812	14.647
3rd	24/20	1.200	9.697
4th	ϕ		
5th	ϕ		
6th	ϕ		
CAPACITIES – Transmission	650cc (21.9 oz.) 20W40 "SE" Yamalube 4-cycle*		
Oil Tank or Engine Sump	1.3L (1.4 qts.) Yamalube 2-cycle		
Fuel Tank	3.4L (0.9 gals.) Unleaded or Low Lead		
Front Forks	80cc Yamaha Fork Oil 20wt.		
Rear Shocks	ϕ		
Tires (size/normal pressure)	Front: 4.00-10/18psi / Rear: 4.00-10/21psi		
ELECTRICAL – Charging System (mfr.) (type)	Mitsubishi Flywheel Magneto		
No Load Voltage Adj. (AC & DC generators)	ϕ		
Max. Generator (Magneto) Output	N/A		
Field Coil (and/or) Charging Coil Resistance	Yellow 0.30Ω / Green 0.17Ω / Green-Red 0.54Ω		
Battery (mfr.) (model) (rating) (charge rate)	YUASA / 6N4-2A-2 / 6V4AH / 0.4A x 10 hours		
Headlight/Taillight Ratings	6V-20W/20W / 6V-5.3W		
Ign. Coil Min. Spark Gap/Pri. Res./Sec. Res.	6mm / 1.7Ω / 6.0KΩ		
Source Coil Res./Pulse Coil Res.	1.6Ω / ϕ		
Condenser Capacity	0.25μF		
Point Gap/Spark Plug (type/gap)	0.3 ~ 0.4mm (.012 ~ .016") / NGK B-6HS / 0.5 ~ 0.6mm		
Timing (advanced) (retarded)	1.8 ± 0.15mm BTDC / ϕ		

N/A = Information Not Available *Available from Yamaha Parts Distributors, Inc.
ϕ = Does Not Apply To This Model

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TECHNICAL BULLETIN

D-21

MOTORCYCLE
M6-050

LB80-3D Champ
1977 SERVICE DATA

MODEL – IBM I.D. NUMBER	LB80-3D Champ 1T8		
Starting Engine and Frame Number	1T8-000101		
Basic Color (fuel tank)	Competition Yellow		
Net Weight	168 lbs.		
ENGINE (type, induction system)	2-stroke, 7-port, Reed Valve, Air-cooled, Single		
Bore x Stroke x Cylinder(s) Displacement	47 x 42mm x 1 72cc (4.39 CID)		
Compression Ratio (pressure)	5.8:1		
Piston Skirt Clearance (new/max.)	.025 ~ .030mm (.0010 ~ .0012") / 0.1mm (.004")		
Ring End Gap (top/2nd/3rd)	0.15 ~ 0.35mm (.006 ~ .014") / Same / ϕ		
Ring Groove Clearance (top/2nd/3rd)	.03 ~ .05mm (.0012 ~ .0020") / Same / ϕ		
Valve Clearance (eng. cold) Intake/Exhaust	ϕ		
AUTOLUBE – Minimum Pump Stroke/Color Code	0.20 ~ 0.25mm (.008 ~ .010") / Orange		
CARBURETOR (mfr.) (type) (I.D. number)	Mikuni VM16SC 1M600		
Main Jet	No. 100		
Needle Jet	E-6		
Jet Needle/Clip Position	3G9-3		
Cutaway	3.0		
Pilot Jet	No. 20		
Air Jet	2.5		
Starter Jet	No. 25		
Air Screw (turns out) (idle speed)	1¼		
Float Level	22.0 ± 1mm		
Air Filter (type x quantity)	Oiled Foam Rubber x 1		
DRIVE – Primary (type) (teeth) (ratio)	Helical Gear	66/21	3.142
Secondary (type) (teeth) (ratio)	DK420, 92L	36/14	2.571
Transmission Ratios 1st (teeth) (ratio) (O.A.)	39/12	3.250	26.265
2nd	29/16	1.812	14.647
3rd	24/20	1.200	9.697
4th	ϕ		
5th	ϕ		
6th	ϕ		
CAPACITIES – Transmission	650cc (21.9 oz.) 20W40 "SE" Yamalube 4-cycle*		
Oil Tank or Engine Sump	1.3L (1.4 qts.) Yamalube 2-cycle		
Fuel Tank	3.4L (0.9 gals.) Unleaded or Low Lead		
Front Forks	80cc Yamaha Fork Oil 20wt.		
Rear Shocks	ϕ		
Tires (size/normal pressure)	Front: 4.00-10/18psi / Rear: 4.00-10/21psi		
ELECTRICAL – Charging System (mfr.) (type)	Mitsubishi Flywheel Magneto		
No Load Voltage Adj. (AC & DC generators)	ϕ		
Max. Generator (Magneto) Output	N/A		
Field Coil (and/or) Charging Coil Resistance	Yellow 0.30Ω / Green 0.17Ω / Green-Red 0.54Ω		
Battery (mfr.) (model) (rating) (charge rate)	YUASA / 6N4-2A-2 / 6V4AH / 0.4A x 10 hours		
Headlight/Taillight Ratings	6V-20W/20W / 6V-5.3W		
Ign. Coil Min. Spark Gap/Pri. Res./Sec. Res.	6mm / 1.7Ω / 6.0KΩ		
Source Coil Res./Pulse Coil Res.	1.6Ω / ϕ		
Condenser Capacity	0.25μF		
Point Gap/Spark Plug (type/gap)	0.3 ~ 0.4mm (.012 ~ .016") / NGK B-6HS / 0.5 ~ 0.6mm		
Timing (advanced) (retarded)	1.8 ± 0.15mm BTDC / ϕ		

N/A = Information Not Available *Available from Yamaha Parts Distributors, Inc.
ϕ = Does Not Apply To This Model

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