YAMAHA

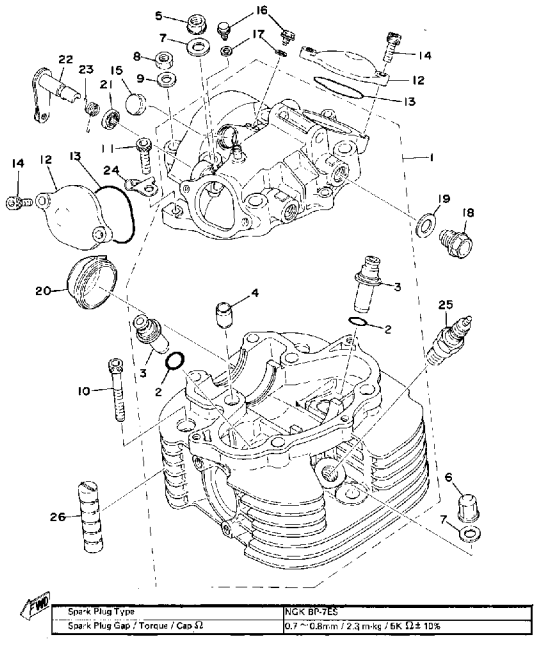
GENUINE

PARTS CATALOGUE

MOTORCYCLE

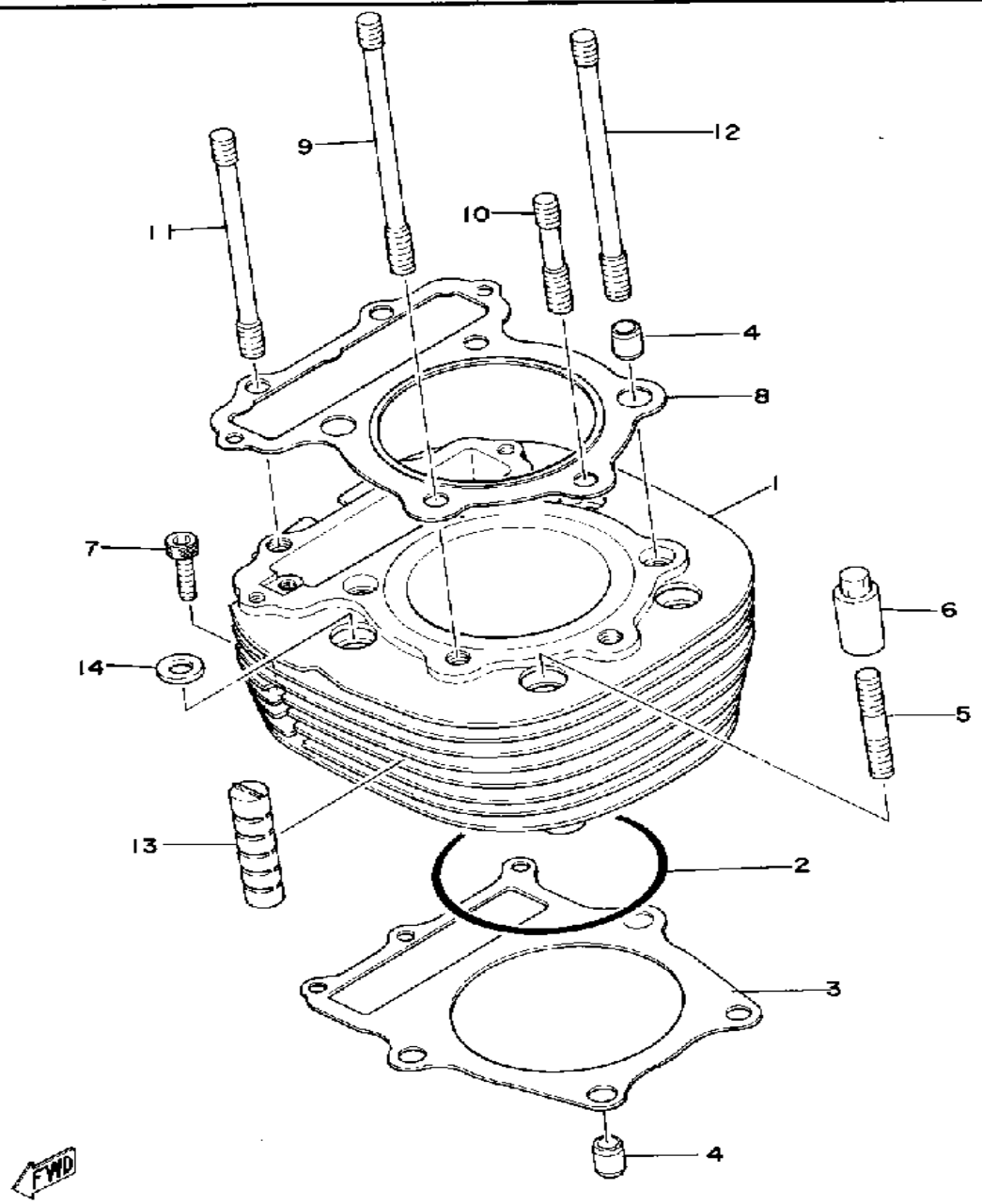
A1

CYLINDER HEAD - CYLINDER HEAD COV



Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-11101-01-00)	CILINDER HEAD ASSEMBLY . .	1	
2	93210-14299-00	. O-RING	2	
3	583-11133-11-00	. GDE, INTK VLV 1 O/S	2	
4	99530-14016-00	. PIN, DOWEL	2	
5	90176-10049-00	NUT, CROWN	4	
6	90176-10049-00	NUT, CROWN	1	
7	90201-10124-00	WASHER, PLATE	5	
8	95333-08600-00	NUT	2	
9	90201-08649-00	WASHER, PLATE	2	
10	91316-06055-00	BOLT, SOCKET HEAD	2	
11	91316-06025-00	BOLT	3	
12	583-11186-00-00	COVER, CYLINDER. HEAD 2 . .	2	
13	93210-49296-00	O-RING	2	
14	91316-06018-00	BOLT, SOCKET HEAD	4	
15	90338-18067-00	PLUG, SPEC''L SHAPE	1	
16	90109-06418-00	BOLT	2	
17	90430-06014-00	GASKET	2	
18	90340-14038-00	PLUG, STRAIGHT SCRW	2	
19	90430-14043-00	GASKET	2	
20	2J2-11197-00-00	PLUG, BLIND	1	
21	93104-12054-00	OIL SEAL, SO-TYPE	1	
22	583-12288-00-00	CAM, DCOMP	1	
23	90508-16303-00	SPRING, TORSION	1	
24	583-12283-00-00	BRACKET, DCOMP	1	
25	CMP-N7YC0-00-00	CHAMPION N7YC 4PK	1	U.R.
	NGK-BP7ES-00-00	PLUG, SPARK (NGK BP-7ES) .	1	U.R.
26	583-11127-00-00	ABSORBER 3	2	

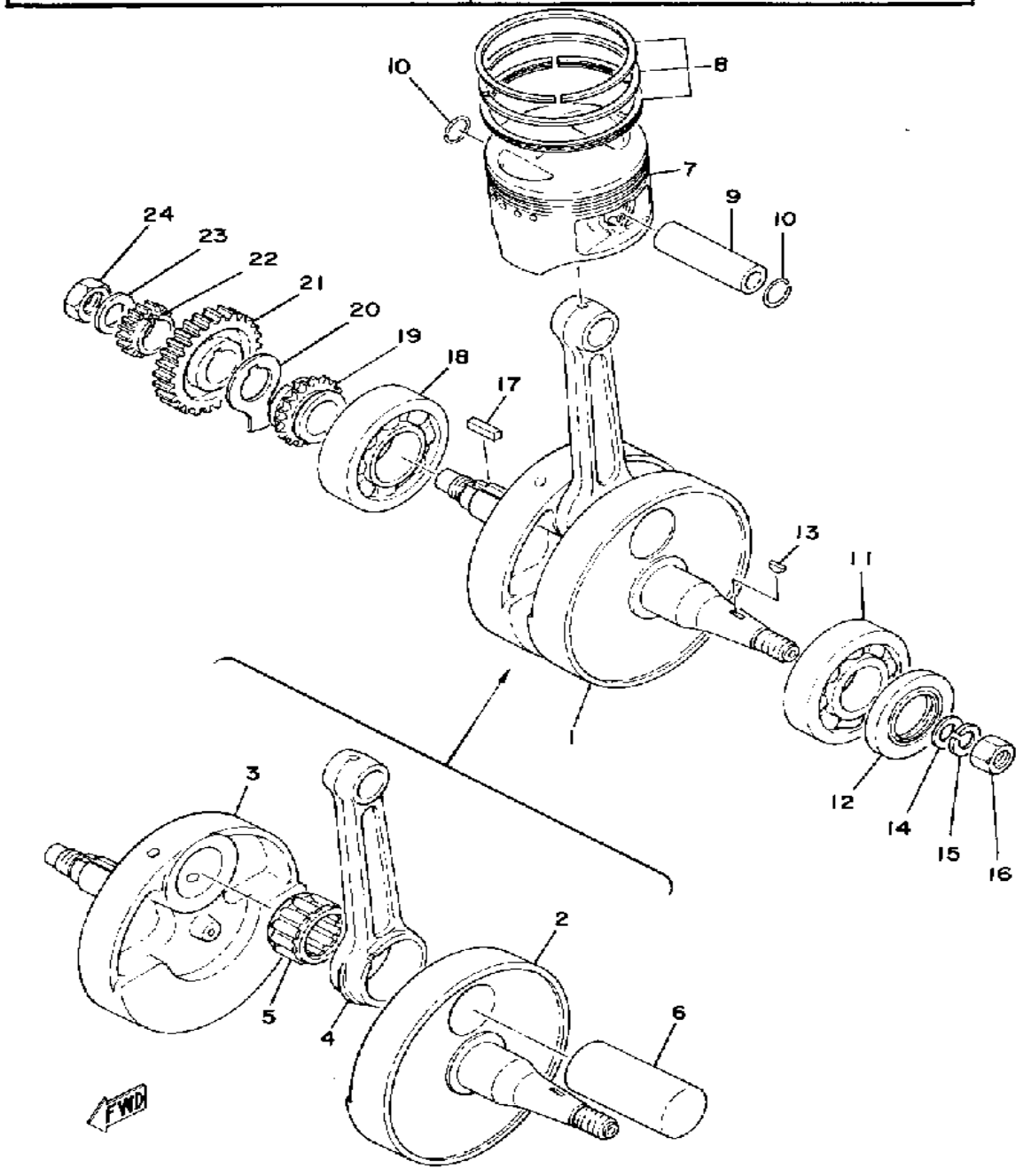
ENGINE TYPE	4-Stroke, Air-Cooled, SOHC
Bore/Stroke/Number Cylinders/Displacement (cc)	87mm / 84mm / 1 / 499cc
Compression Ratio/Compression Pressure min-max	9.0:1 / ϕ
Initial Engine Number/Frame Number	1T1-200101 / 1T1-200101



CYLINDER

Ref. No.	Part Number	Description	Qty	Remarks
1	583-11310-00-00	CYLINDER	1	
2	93210-92295-00	O-RING	1	
3	583-11351-00-00	GASKET, CYLINDER	1	
4	99530-14016-00	PIN, DOWEL	4	
5	90116-10087-00	BOLT, STUD	4	M10-64L
6	90179-10201-00	NUT	4	
7	90110-06138-00	BOLT, HEX SKT HEAD	3	
8	2J2-11181-09-00	GASKET, CYLINDER HEAD 1	1	
9	90116-10222-00	BOLT, STUD	2	M10-163L
10	90116-10223-00	BOLT, STUD	1	M10-68L
11	90116-08190-00	BOLT, STUD	2	M8-143L
12	90116-10225-00	BOLT, STUD	2	M10-173L
13	583-11127-00-00	ABSORBER 3	2	
14	90201-10590-00	WASHER, PLATE	4	

Piston Skirt Clearance new/max.	0.050 ~ 0.055mm / 0.1mm
Ring End Gap Top/2nd/3rd	0.3 ~ 0.5mm / 0.3 ~ 0.5mm / 0.2 ~ 0.9mm

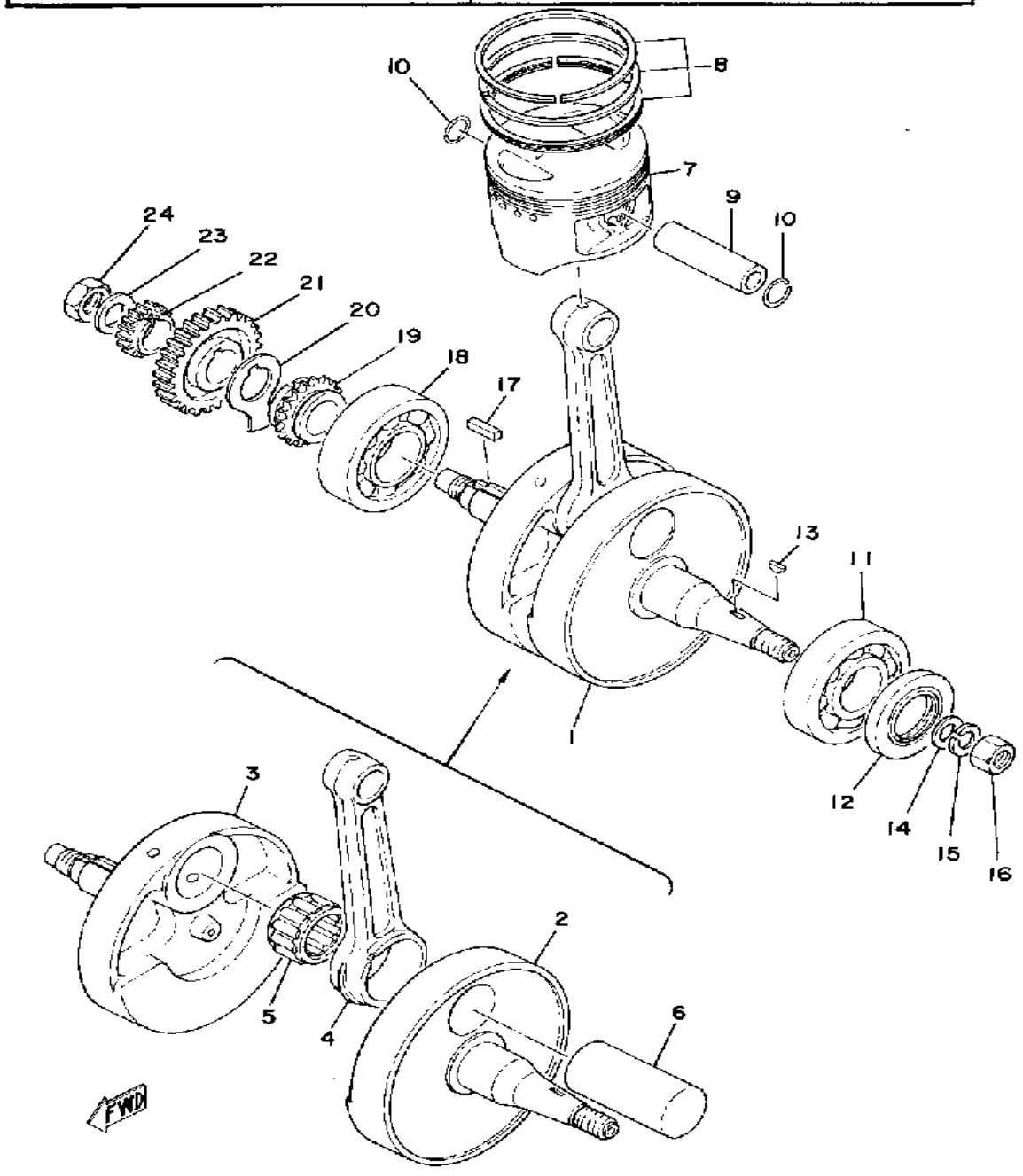


CRANK - PISTON

Ref. No.	Part Number	Description	Qty	Remarks
1	(583-11400-00-00)	CRANKSHAFT ASSEMBLY ...	1	
2	(583-11412-00-00)	CRANK 1	1	
3	(583-11422-00-00)	CRANK 2	1	
4	583-11651-00-00	. ROD, CONNECTING	1	
5	93310-635A5-00	. BEARING, CYLINDER.# 0 ...	1	
6	583-11681-00-00	. PIN, CRANK 1	1	
7	583-11631-02-95	PISTON STD	1	
	583-11635-02-00	PISTON 1 O/S 0. 5	1	
	583-11636-02-00	PISTON 2 O/S 0. 0	1	
	583-11637-02-00	PISTON 3 O/S 0. 5	1	
	583-11638-02-00	PISTON 4 O/S 1. 0	1	
8	583-11610-02-00	PISTON RINGSET STD (583-11610-01)	1	
	583-11610-12-00	PISTON RINGSET 1ST (583-11610-11)	1	ALTERNATE PARTS
	583-11610-22-00	PISTON RINGSET 2ND (583-11610-21)	1	ALTERNATE PARTS
	583-11610-32-00	PISTON RINGSET 3RD (583-11610-31)	1	ALTERNATE PARTS
	583-11610-42-00	PISTON RINGSET 4TH (4TH O/S)	1	ALTERNATE PARTS
9	11H-11633-00-00	PIN, PISTON (583-11633-00) ..	1	
10	93450-22027-00	CIRCLIP	2	
11	93306-30630-00	BEARING	1	
12	93102-30145-00	OIL SEAL, SD-TYPE	1	
13	90280-16053-00	KEY, WOODRUFF	1	
14	90201-12593-00	WASHER, PLATE	1	
15	92901-12100-00	WASHER, SPRING	1	
16	90170-12347-00	NUT, HEXAGON	1	
17	90282-07021-00	KEY, STRAIGHT	1	

CONTINUED ON NEXT FRAME ➤

Piston Skirt Clearance new/max.	0.050 ~ 0.055mm / 0.1mm
Ring End Gap Top/2nd/3rd	0.3 ~ 0.5mm / 0.3 ~ 0.5mm / 0.2 ~ 0.9mm

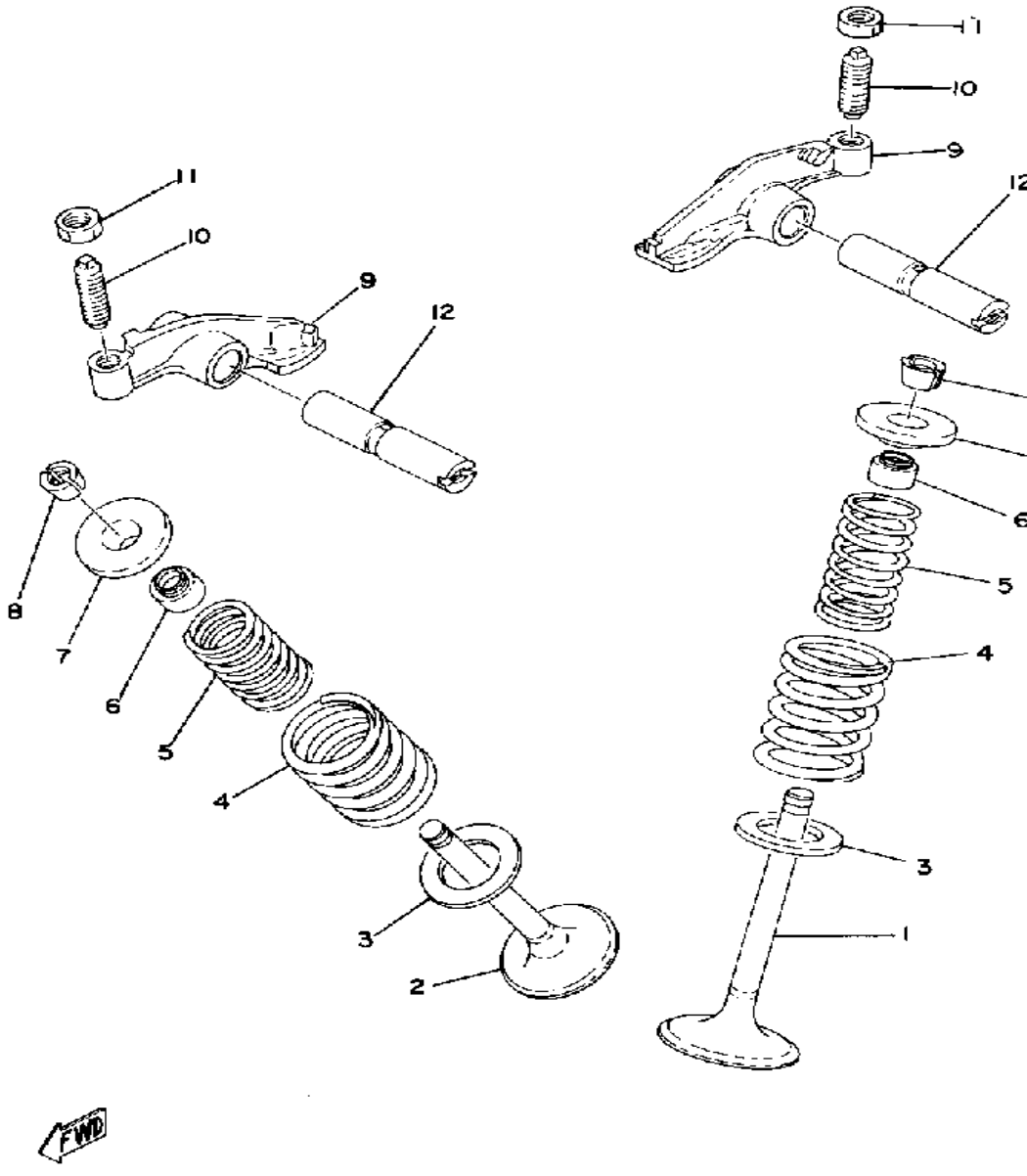


CRANK - PISTON

Ref. No.	Part Number	Description	Qty	Remarks
18	93306-30702-00	BEARING (B6307)	1	
19	583-11549-00-00	SPROCKET, CAM CHAIN	1	
20	583-11533-00-00	PLATE, ABSORBER	1	
21	583-16111-00-00	GEAR, PRI DRIVE	1	
22	583-11536-00-00	GEAR, DRIVE (21T)	1	
23	90208-16019-00	WASHER, CONICAL SPRING . .	1	
24	90170-16182-00	NUT	1	

VALVE ADJUSTING TOOL	ACC-11080-35-00
VALVE GUIDE REAMER	90890-01211-00

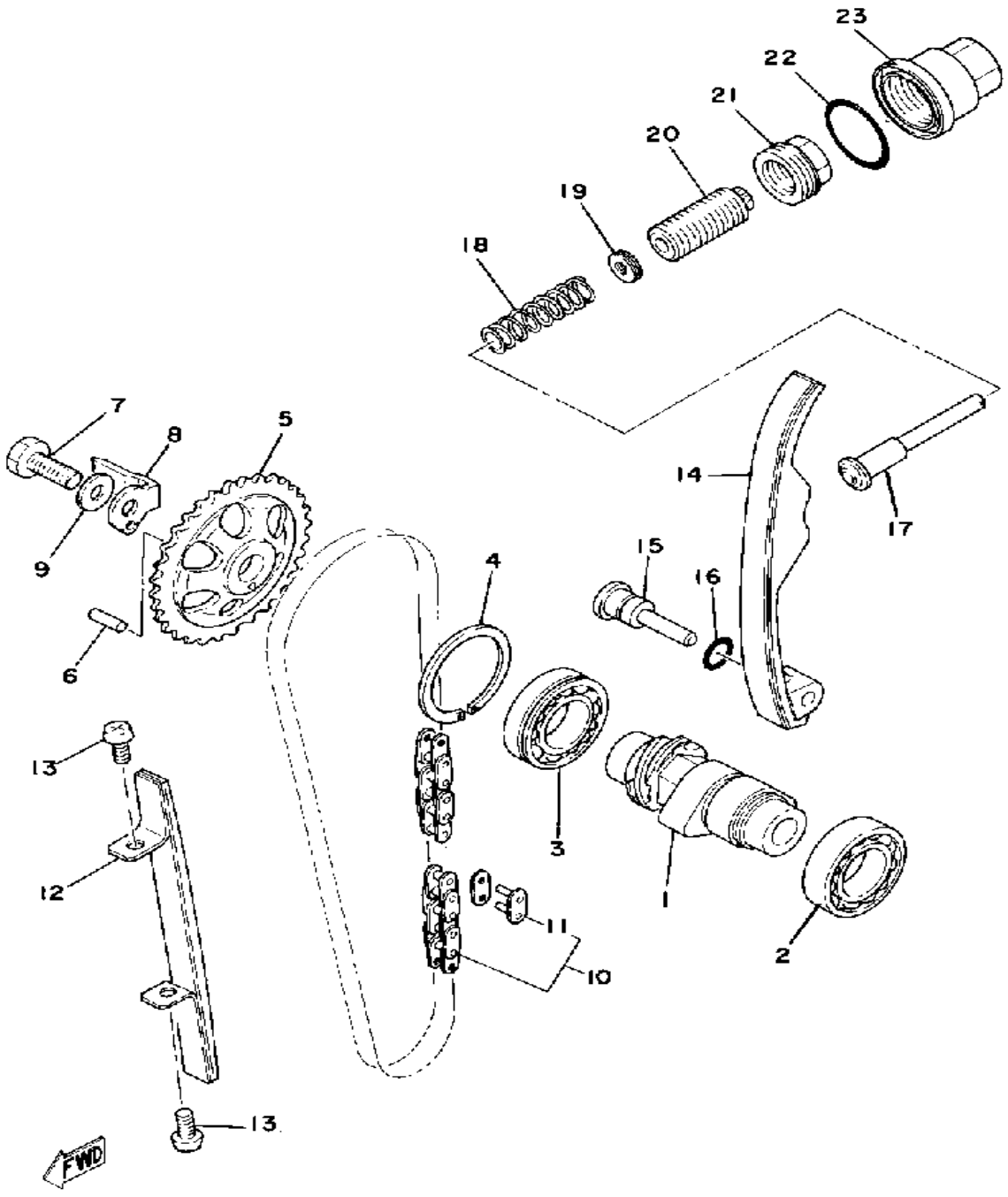
Valve Clearance (cold) Intake/Exhaust	0.07 ~ 0.12 / 0.12 ~ 0.17



VALVE - ROCKER ARM

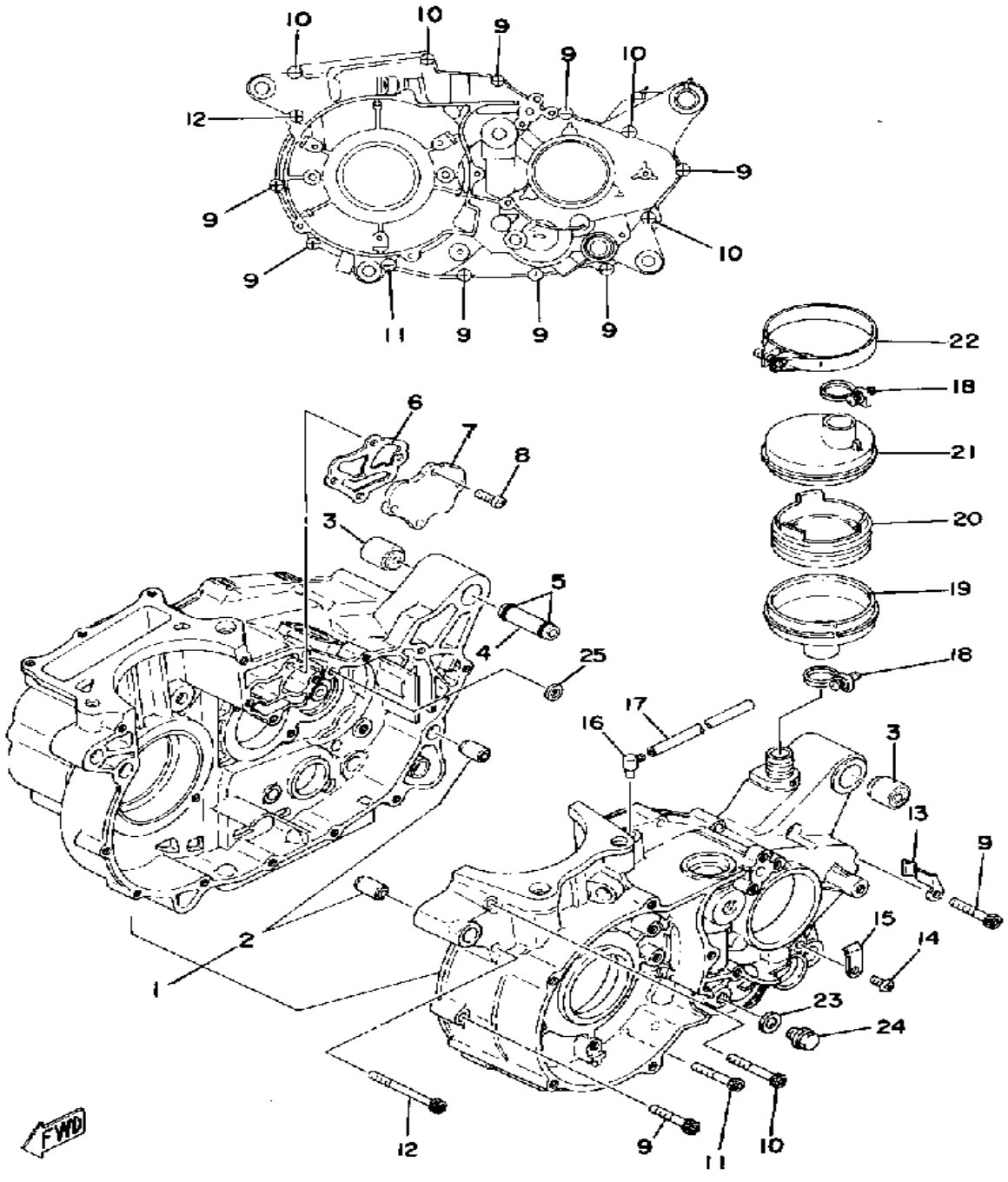
Ref. No.	Part Number	Description	Qty	Remarks
1	2J2-12111-01-00	VALVE, INTAKE 1	1	
2	583-12121-00-00	VALVE, EXHAUST	1	
3	256-12116-01-00	SEAT, VALVE SPRING	2	
4	90501-44455-00	SPRING, COMPRESSION	2	
5	90501-31454-00	SPRING, COMPRESSION	2	
6	341-12119-02-00	SEAL, VALVE STEM	2	
7	256-12117-02-00	RETAINER, VALVE SPR	2	
8	341-12118-00-00	COTTER, VALVE	4	
9	583-12151-00-00	ARM, VALVE ROCKER	2	
10	90149-08098-00	SCREW, SPEC''L SHAPE	2	
11	90170-08173-00	NUT, HEXAGON	2	
12	583-12156-01-00	SHAFT, ROCKER	2	

CAMSHAFT - CHAIN TENSIONER



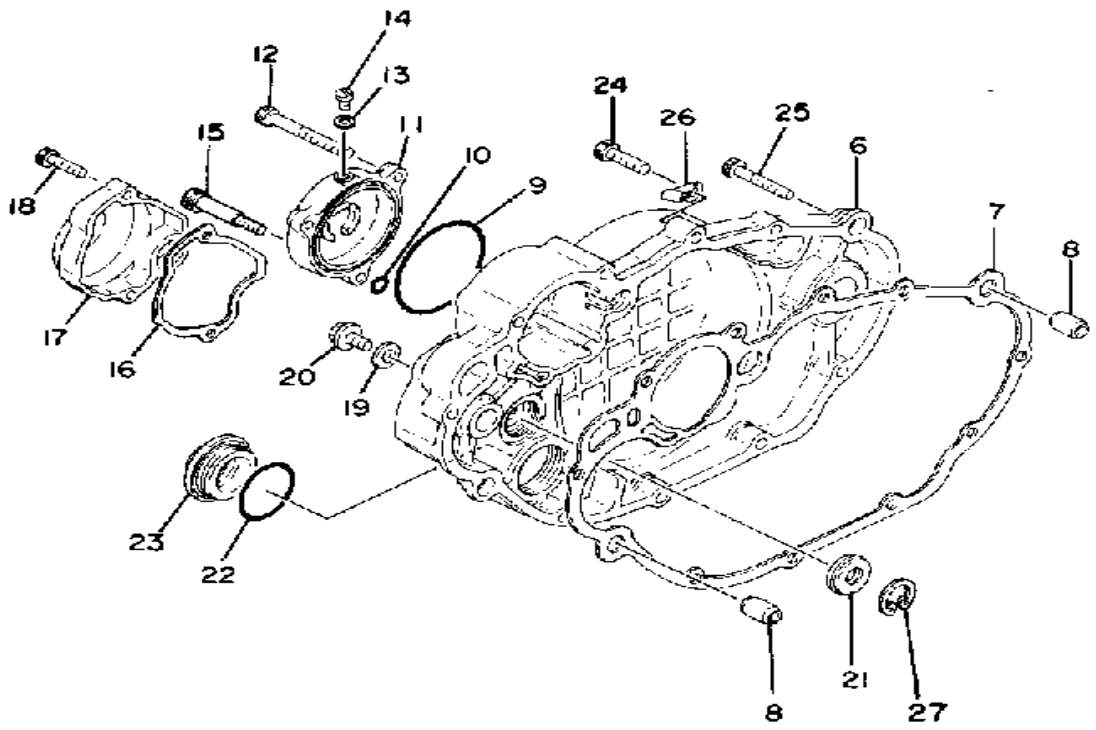
Ref. No.	Part Number	Description	Qty	Remarks
1	583-12171-01-00	CAMSHAFT 1	1	
2	93306-00501-00	BEARING (B6005)	1	
3	93306-00519-00	BEARING	1	
4	93440-47044-00	CIRCLIP, OUTER	1	
5	583-12176-00-00	SPROCKET, CAM CHAIN	1	
6	93604-16092-00	PIN, DOWEL	1	
7	90101-10303-00	BOLT	1	
8	1T1-12279-00-00	PLATE	1	
9	90201-10774-00	WASHER, PLATE	1	
10	94500-02106-00	CHAIN	1	
11	94600-02001-00	. JOINT, CHAIN (BF05M)	1	
12	583-12231-00-00	GUIDE, STOPPER 1	1	
13	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
14	341-12241-03-00	GUIDE, STOPPER 2	1	
15	583-12247-00-00	SHAFT, TENSIONER	1	
16	93210-12152-00	O-RING	1	
17	583-12217-00-00	ROD, CHN TENSIONER	1	
18	90501-14095-00	SPRING, COMPRESSION	1	
19	2H0-12232-00-00	DAMPER	1	
20	90149-18191-00	SCREW, SPEC''L SHAPE	1	
21	90179-18199-00	NUT, SPEC''L SHAPE	1	
22	93210-32172-00	O-RING	1	
23	583-12212-00-00	CASE, CHAIN TENSNR	1	

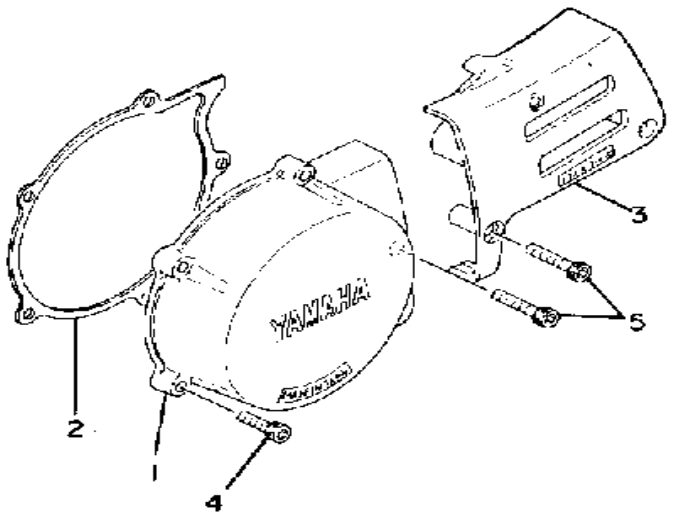
CRANKCASE



Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-15100-01-00)	CRANKCASE ASSEMBLY.	1	
2	99510-12016-00	. PIN, DOWEL	2	
3	583-15316-00-00	DAMPER, ENG MOUNT 1	2	
4	583-15317-01-00	SPACER, ENG MOUNT	1	
5	93210-11313-00	O-RING	2	
6	583-15466-00-00	GASKET 2	1	
7	583-15426-00-00	COVER, OIL PUMP R	1	
8	98580-06018-00	SCREW, PAN HEAD	4	
9	91316-06035-00	BOLT	8	
10	91316-06045-00	BOLT, SOCKET HEAD	4	
11	91316-06055-00	BOLT, SOCKET HEAD	1	
12	91316-06055-00	BOLT, SOCKET HEAD	1	
13	90465-08277-00	CLAMP	1	
14	98580-06012-00	SCREW, PAN HEAD	1	
15	(90465-05075-00)	CLAMP	1	
16	583-15371-00-00	BREATHER	1	
17	90445-07039-00	HOSE	1	
18	90460-22083-00	CLAMP, HOSE	2	
19	583-15347-00-00	BREATHER 2	1	
20	583-15358-00-00	SEPARATOR, OIL	1	
21	583-15346-00-00	BREATHER 1	1	
22	90460-71129-00	CLAMP, HOSE (90460-71017)	1	
23	90430-10031-00	GASKET	1	
24	90340-10003-00	PLUG, STRAIGHT SCRW	1	
25	90430-09121-00	GASKET	1	

CRANKCASE COVER

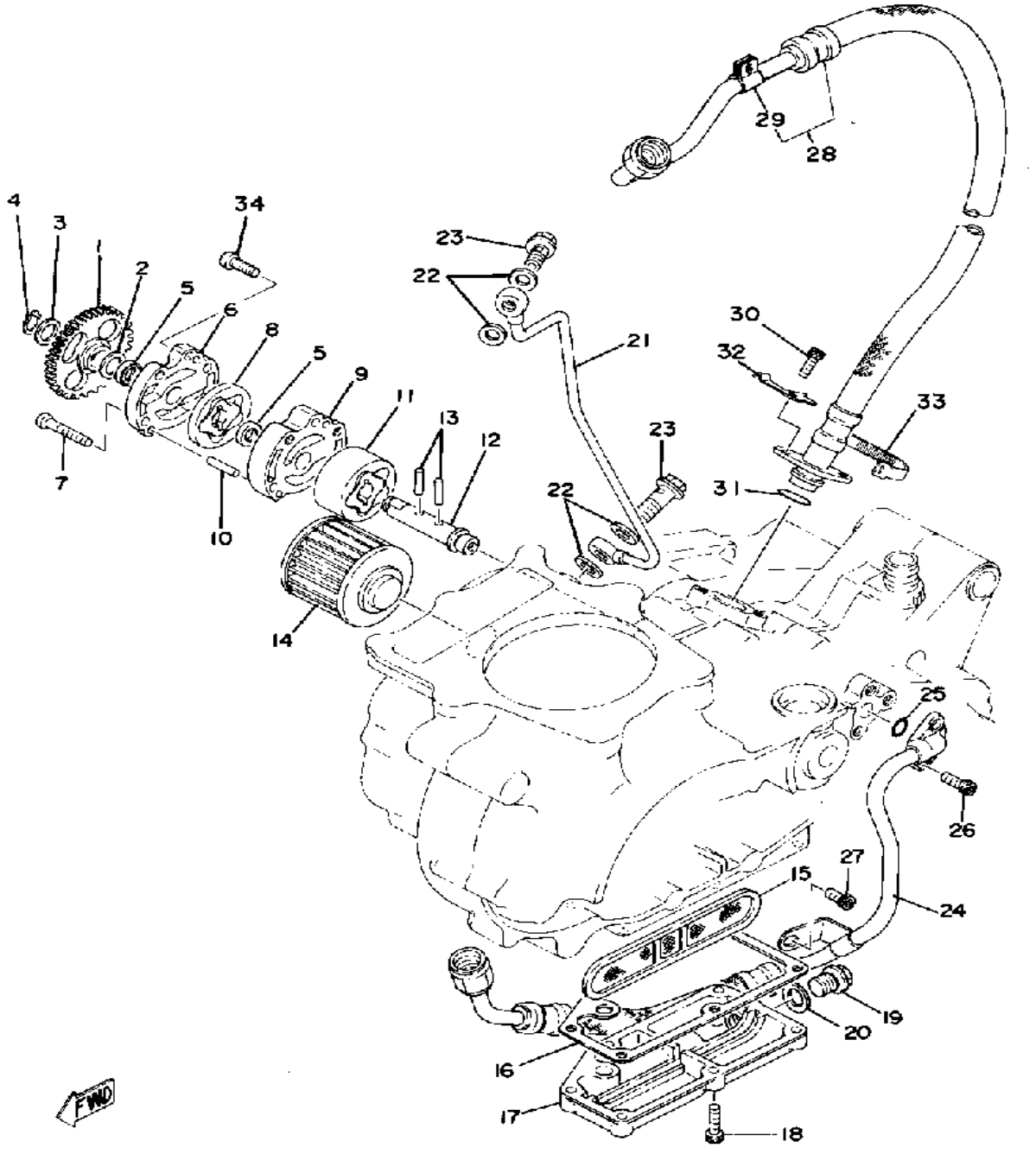




FWD

Ref. No.	Part Number	Description	Qty	Remarks
1	583-15411-00-00	COVER, CRANKCASE L	1	
2	3HT-15451-00-00	GASKET, CRCS COVER	1	
3	583-15421-00-00	COVER, CRANKCASE R	1	
4	91316-06025-00	BOLT	4	
5	91316-06035-00	BOLT	4	
6	583-W1542-00-00	COVER, CRANKCASE 3 (583-15431-02-98)	1	
7	3HT-15462-00-00	GASKET, CRCS CVR 3	1	
8	93210-64297-00	O-RING	2	
9	93210-64297-00	O-RING	1	
10	93210-07438-00	O-RING	1	
11	583-13447-01-00	COVER, OIL ELEMENT	1	
12	91316-06060-00	BOLT	2	
13	90430-05126-00	GASKET	1	
14	90149-05110-00	SCREW	1	
15	90109-06511-00	BOLT	1	
16	583-15457-00-00	GASKET	1	
17	583-15417-00-00	COVER, CAP	1	
18	91316-06025-00	BOLT	2	
19	90430-10171-00	GASKET	1	
20	90340-10003-00	PLUG, STRAIGHT SCRW	1	
21	93101-14089-00	OIL SEAL	1	
22	93210-34474-00	O-RING	1	
23	583-15425-00-00	COVER, GENERATOR R	1	
24	90110-06138-00	BOLT, HEX SKT HEAD	8	
25	91316-06040-00	BOLT, SOCKET HEAD	2	
26	90465-08076-00	CLAMP	1	
27	99009-25500-00	CIRCLIP	1	

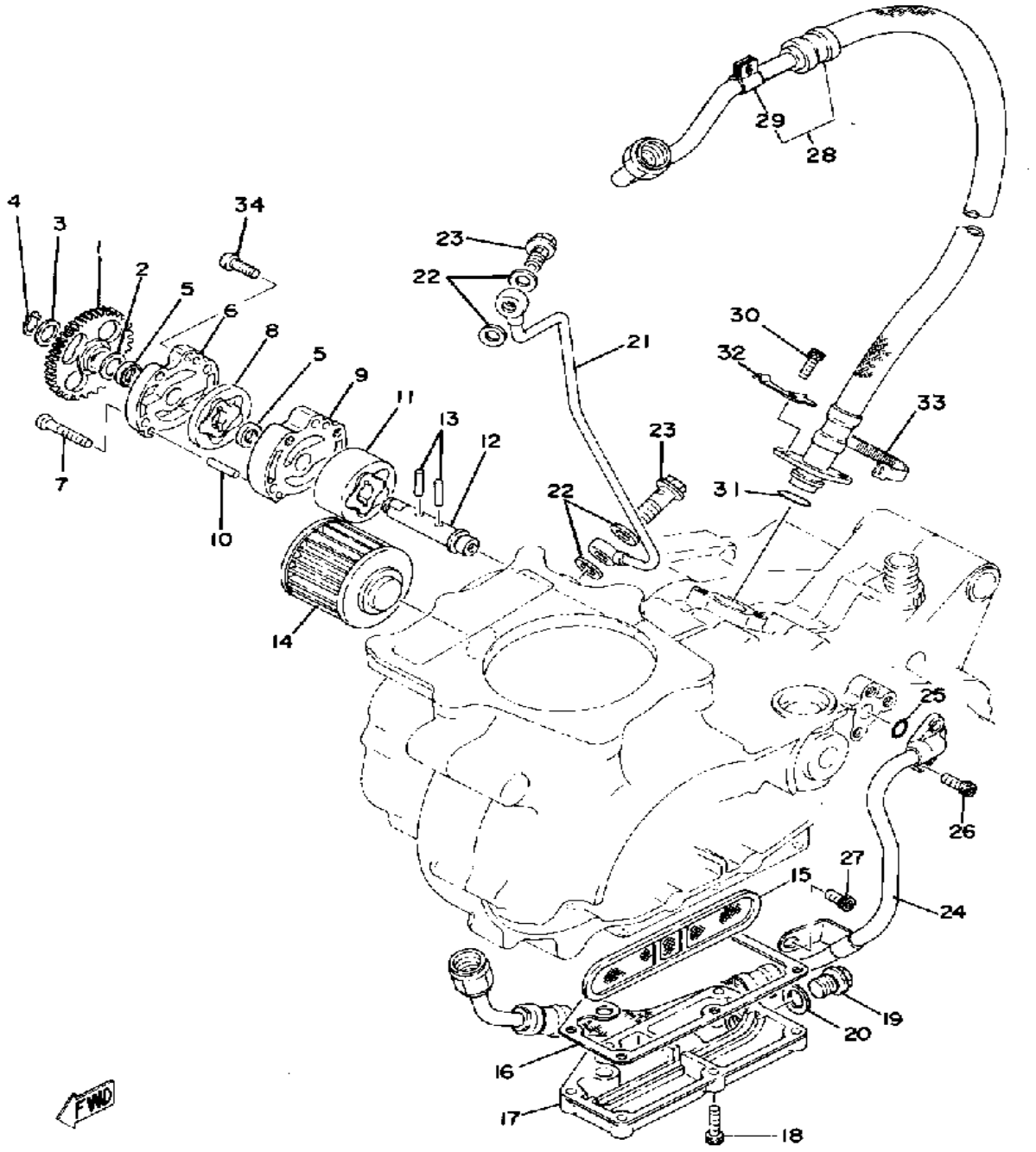
OIL PUMP - OIL CLEANER



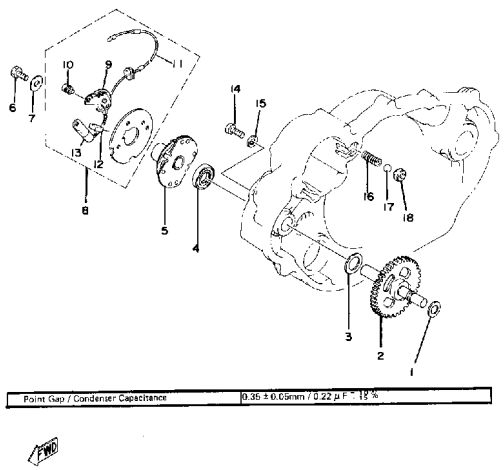
Ref. No.	Part Number	Description	Qty	Remarks
1	583-13325-00-00	GEAR, PUMP DRIVEN	1	
2	90201-12166-00	WASHER, PLATE	1	
3	90201-10119-00	WASHER, PLATE	1	
4	99009-10400-00	CIRCLIP	1	
5	93104-11038-00	OIL SEAL, SO-TYPE	2	
6	99999-00996-00	CVR/HOUSING COMP	1	
7	98580-06030-00	SCREW PAN HEAD	3	
8	583-13310-01-00	ROTOR ASSEMBLY 1	1	
9	99999-00996-00	CVR/HOUSING COMP	1	
10	93604-22050-00	PIN, DOWEL	2	
11	583-13320-00-00	ROTOR ASSEMBLY 2	1	
12	583-13314-00-00	SHAFT, PUMP	1	
13	93603-17070-00	PIN, DOWEL	2	
14	4X7-13440-90-00	ELMNT ASSEMBLY, OIL CLNR	1	
15	583-13411-00-00	STRAINER, OIL	1	
16	583-13414-00-00	GASKET, STRNR COVER	1	
17	583-13417-01-00	COVER, STRAINER	1	
18	91316-06020-00	BOLT, SOCKET HEAD	6	
19	3VD-13455-00-00	PLUG	1	
20	214-11198-01-00	GASKET	1	
21	583-13161-01-00	PIPE, DELIVERY 1	1	
22	90201-08087-00	WASHER, PLATE	4	
23	90401-08038-00	BOLT, UNION	2	
24	583-13464-00-00	HOSE, OIL 1	1	
25	93210-10197-00	O-RING	1	
26	91316-06016-00	BOLT, SOCKET HEAD	2	
27	91316-06012-00	BOLT, SOCKET HEAD	1	
28	2J2-13465-00-00	HOSE, OIL 2	1	
29	(90461-10042-00)	CLAMP	1	

CONTINUED ON NEXT FRAME ➤

OIL PUMP - OIL CLEANER



Ref. No.	Part Number	Description	Qty	Remarks
30	91316-06016-00	BOLT, SOCKET HEAD	2	
31	93210-15171-00	O-RING	1	
32	90465-06077-00	CLAMP	1	
33	437-83936-01-00	BAND, SWITCH CORD	1	
34	98580-06018-00	SCREW, PAN HEAD	2	

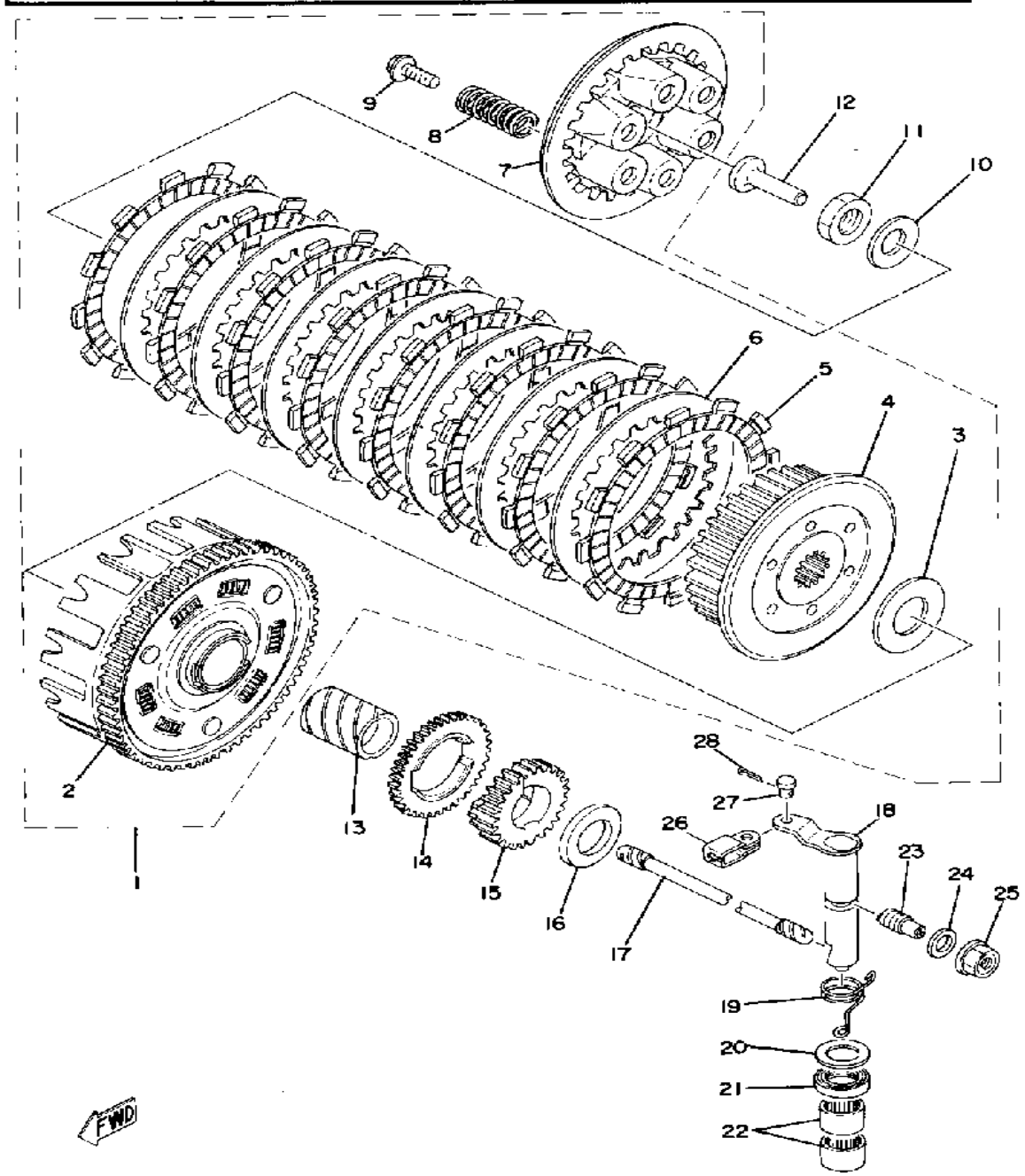


CONTACT BREAKER - GOVERNOR

Ref. No.	Part Number	Description	Qty	Remarks
1	90201-09572-00	WASHER, PLATE	1	
2	583-11150-00-00	BREAKER SHAFT ASSEMBLY	1	
3	90201-15234-00	WASHER, PLATE	1	
4	93102-15147-00	OIL SEAL, SD-TYPE (SD-15-26-5)	1	
5	583-81653-50-00	GOVERNOR ASSEMBLY	1	
6	97313-06016-00	BOLT, HEXAGON	1	
7	90201-065F3-00	WASHER, PLATE	1	
8	583-81620-50-00	BREAKER PLATE ASSEMBLY	1	
9	583-81621-50-00	. CONTACT BRKR ASSEMBLY	1	
	583-81625-50-00	. CONDENSER 1	1	
	ACC-01100-57-10	TUNE KIT XT/TT5 0		
10	98580-04006-00	. SCREW, PAN HEAD	3	
11	583-81615-50-00	. WIRE, LEAD	1	
12	1L9-81631-50-00	. LUBRICATOR	1	
13	583-81625-50-00	. CONDENSER 1	1	
14	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
15	92990-06200-00	WASHER	2	
16	90501-05378-00	SPRING, COMPRESSION	1	
17	93503-08007-00	BALL	1	
18	583-13113-00-00	SEAT, CHECK BALL	1	

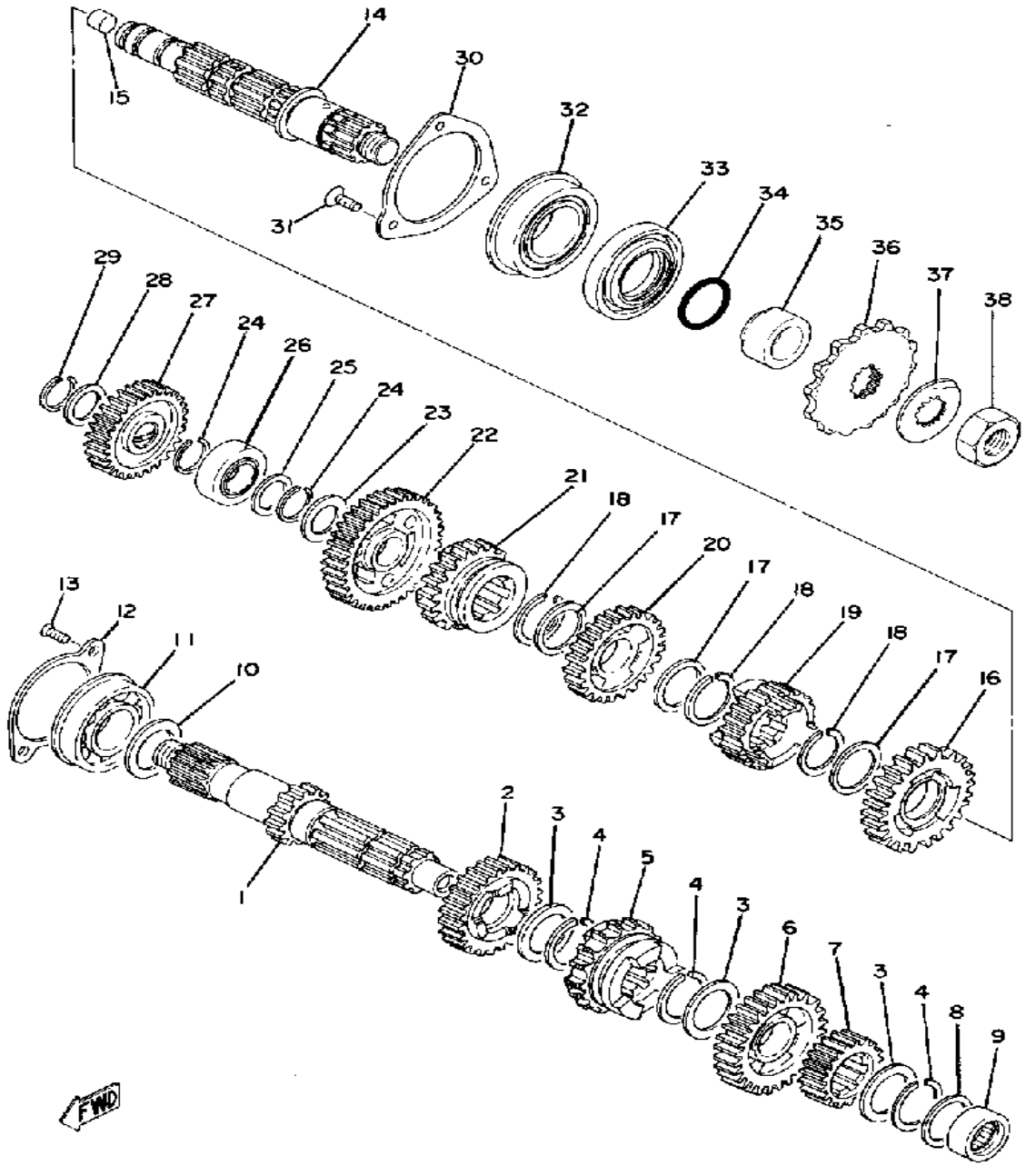
CLUTCH

Clutch Friction Plate Thickness Std ~ Min.	2.8 ~ 2.5mm
Clutch Spring Length Std ~ Min.	41.2 ~ 40.0mm



Ref. No.	Part Number	Description	Qty	Remarks
1	(583-16301-00-00)	CLUTCH ASSEMBLY	1	
2	583-16150-00-00	. PRI DRVN GEAR	1	
3	170-16164-00-00	. PLATE, THRUST 2	1	
4	583-16371-00-00	. BOSS, CLUTCH	1	
5	5Y1-16321-00-00	. PLATE, FRICTION	8	
6	360-16325-00-00	. PLATE, CLUTCH 2	7	
7	498-16351-00-00	. PLATE, PRESSURE 1	1	
8	90501-23391-00	. SPRING, COMPRESSION	6	
9	90159-06010-00	. SCREW, WITH WASHER	6	
10	214-16119-00-00	SPRING, BELLEVILLE	1	
11	90170-18086-00	NUT, HEXAGON	1	
12	174-16356-00-00	ROD, PUSH 1	1	
13	90560-25153-00	SPACER	1	
14	583-13324-00-00	GEAR, PUMP DRIVE	1	
15	583-15631-00-00	GEAR, KICK PINION	1	
16	363-16154-00-00	PLATE, THRUST 1	1	
17	583-16357-01-00	ROD, PUSH 2	1	
18	583-16381-00-00	AXLE, PUSH LEVER	1	
19	90508-12279-00	SPRING, TORSION	1	
20	90201-17327-00	WASHER, PLATE	1	
21	93102-17357-00	OIL SEAL	1	
22	93315-11720-00	BEARING	2	
23	364-16343-00-00	SCREW, ADJUSTING	1	
24	90201-12172-00	WASHER, PLATE	1	
25	583-16344-00-00	NUT, ADJUSTING	1	
26	214-16389-00-00	JOINT	1	
27	90240-06005-00	PIN, CLEVIS	1	
28	91401-10015-00	PIN, COTTER	1	

TRANSMISSION -- Oil Type/Qty Chg/Qty Reassemble	See ENGINE above
Primary Drive Type/Teeth/Ratio	Spur Gear / 77-30 / 2.566
Secondary Drive Type/Teeth/Chain	Chain / 50-15 / 520T-104L

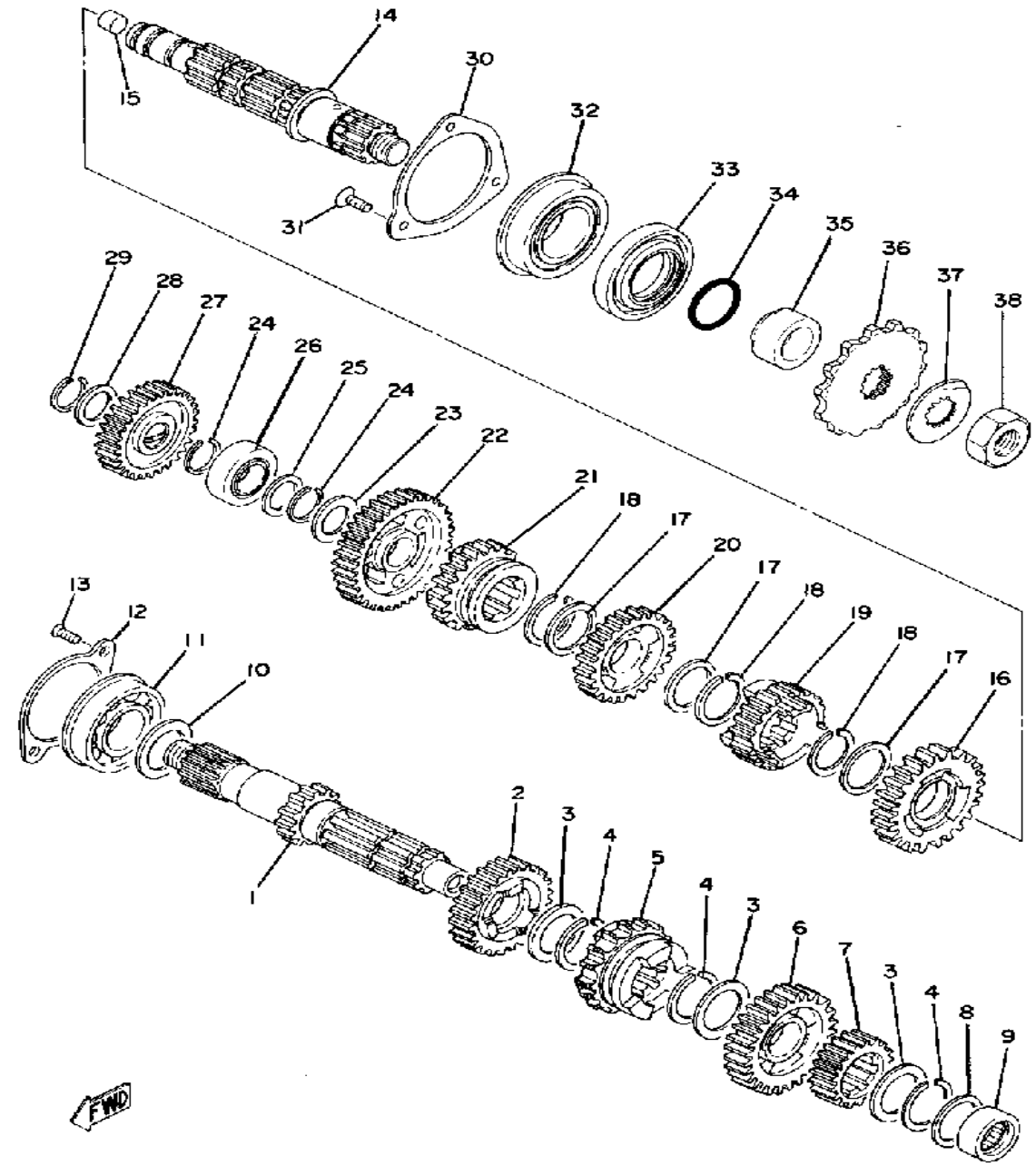


TRANSMISSION

Ref. No.	Part Number	Description	Qty	Remarks
1	583-17411-01-00	AXLE, MAIN	1	
2	583-17141-00-00	GEAR, 4TH PINION	1	
3	90201-253K0-00	WASHER, PLATE (T=1.0)	3	
4	93440-25020-00	CIRCLIP	3	
5	583-17131-02-00	GEAR, 3RD PINION	1	
6	583-17151-01-00	GEAR, 5TH PINION	1	
7	583-17121-00-00	GEAR, 2ND PINION	1	
8	90201-20266-00	WASHER, PLATE (1.0T)	1	
9	93311-42012-00	BEARING, CYLINDER.# 1	1	
10	168-17428-01-03	SHIM 2 (25-34-0.3)	1	UR
	168-17428-01-05	SHIM 2 (25-34-0.5)	1	UR
11	93304-20501-00	BEARING	1	
12	583-15383-00-00	PLATE, BRNG COVER	1	
13	98701-06014-00	SCREW, FLAT HEAD	2	
14	99999-01986-00	AXLE, DRIVE	1	
15	90338-09066-00	PLUG, SPEC''L SHAPE	1	
16	583-17221-00-00	GEAR, 2ND WHEEL	1	
17	90201-253K0-00	WASHER, PLATE (T=1.0)	3	
18	93440-25020-00	CIRCLIP	3	
19	583-17251-01-00	GEAR, 5TH WHEEL	1	
20	583-17231-01-00	GEAR, 3RD WHEEL	1	
21	583-17241-00-00	GEAR, 4TH WHEEL	1	
22	583-17211-00-00	GEAR, 1ST WHEEL	1	
23	90201-20278-00	WASHER, PLATE	1	
24	93410-20038-00	CIRCLIP	2	
25	90201-20266-00	WASHER, PLATE (1.0T)	1	
26	93313-32008-00	BEARING, CYLINDER.# 3	1	
27	583-15651-00-00	GEAR, KICK IDLE	1	
28	90201-17255-00	WASHER, PLATE	1	

CONTINUED ON NEXT FRAME ➤

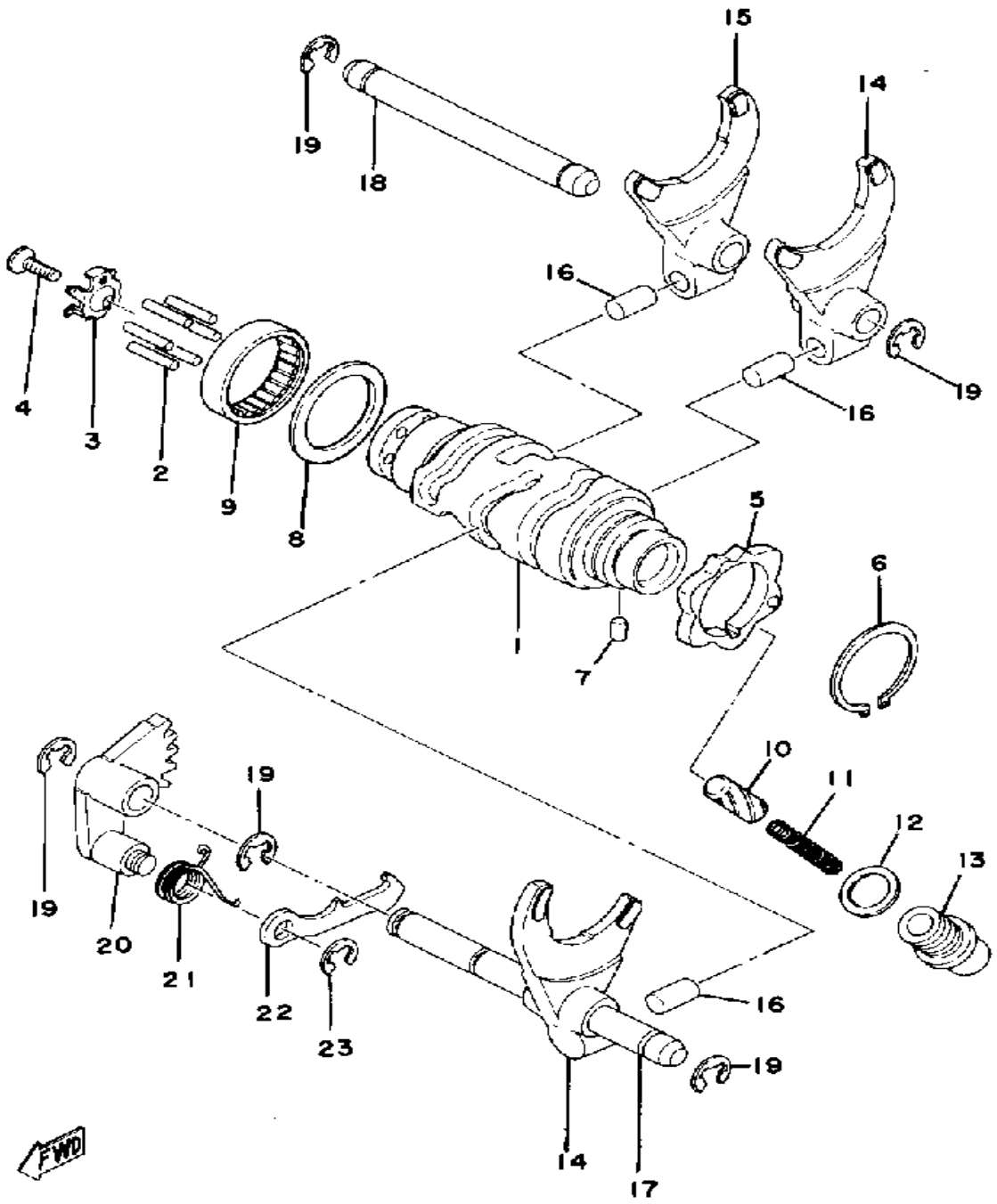
TRANSMISSION -- Oil Type/Qty Chg/Qty Reassemble	See ENGINE above
Primary Drive Type/Teeth/Ratio	Spur Gear / 77-30 / 2.566
Secondary Drive Type/Teeth/Chain	Chain / 50-15 / 520T-104L



TRANSMISSION

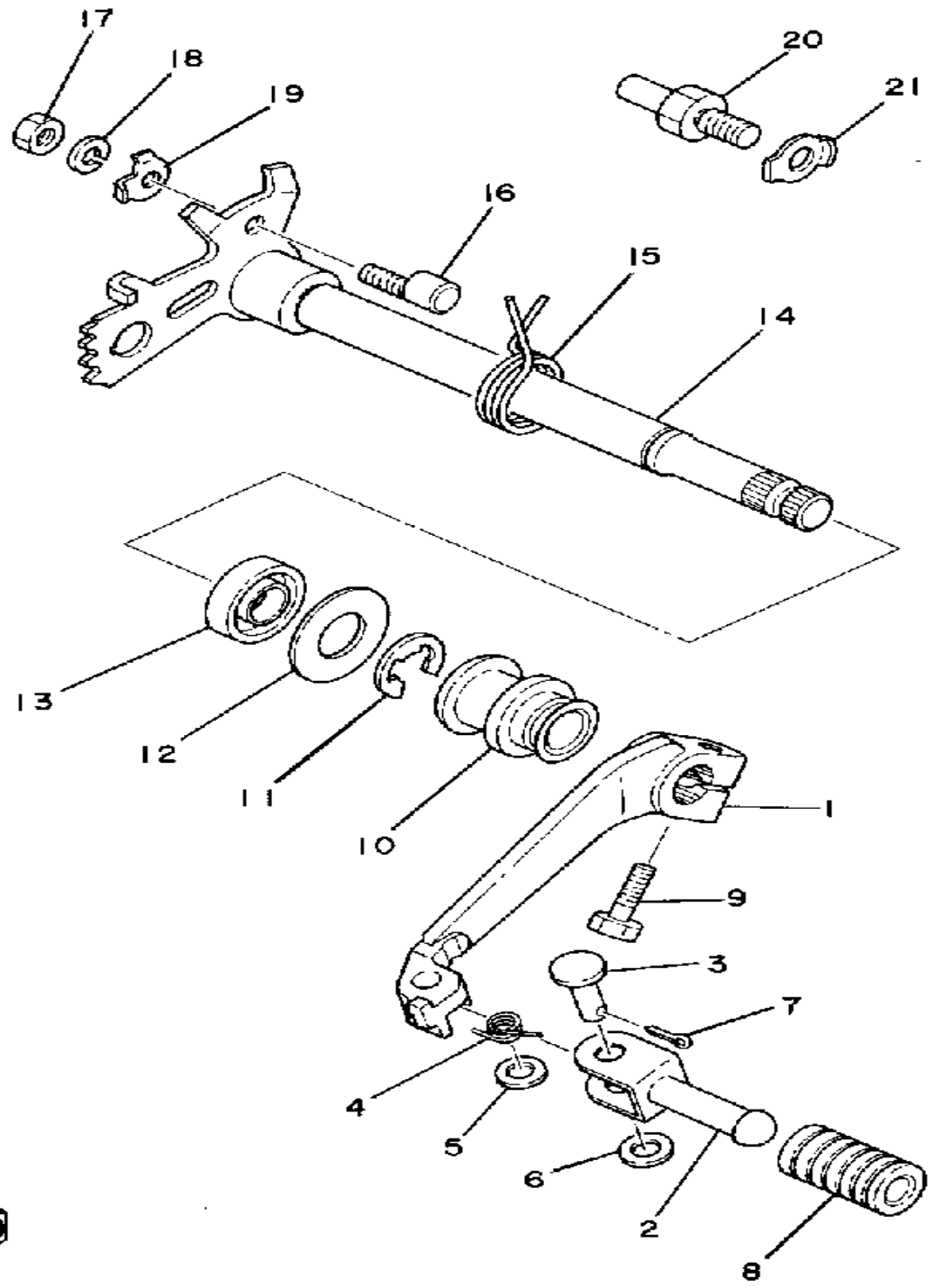
Ref. No.	Part Number	Description	Qty	Remarks
29	99009-17400-00	CIRCLIP	1	
30	(363-15381-00-00)	PLATE, BRNG COVER	1	
31	98701-05012-00	SCREW, FLAT HEAD	3	
32	93306-30517-00	BEARING	1	
33	93102-35180-00	OIL SEAL, SD-TYPE	1	
34	93210-22298-00	O-RING	1	
35	90387-25507-00	COLLAR	1	
36	9383E-14145-00	SPROCKET, DRIVE (14T)	1	UR
	9383E-15082-00	SPROCKET, DRIVE (15T)	1	UR
	9383E-16106-00	SPROCKET, DRIVE 16T (16T)	1	UR
37	90215-21022-00	WASHER, LOCK	1	
38	90179-18020-00	NUT	1	

SHIFTER 1



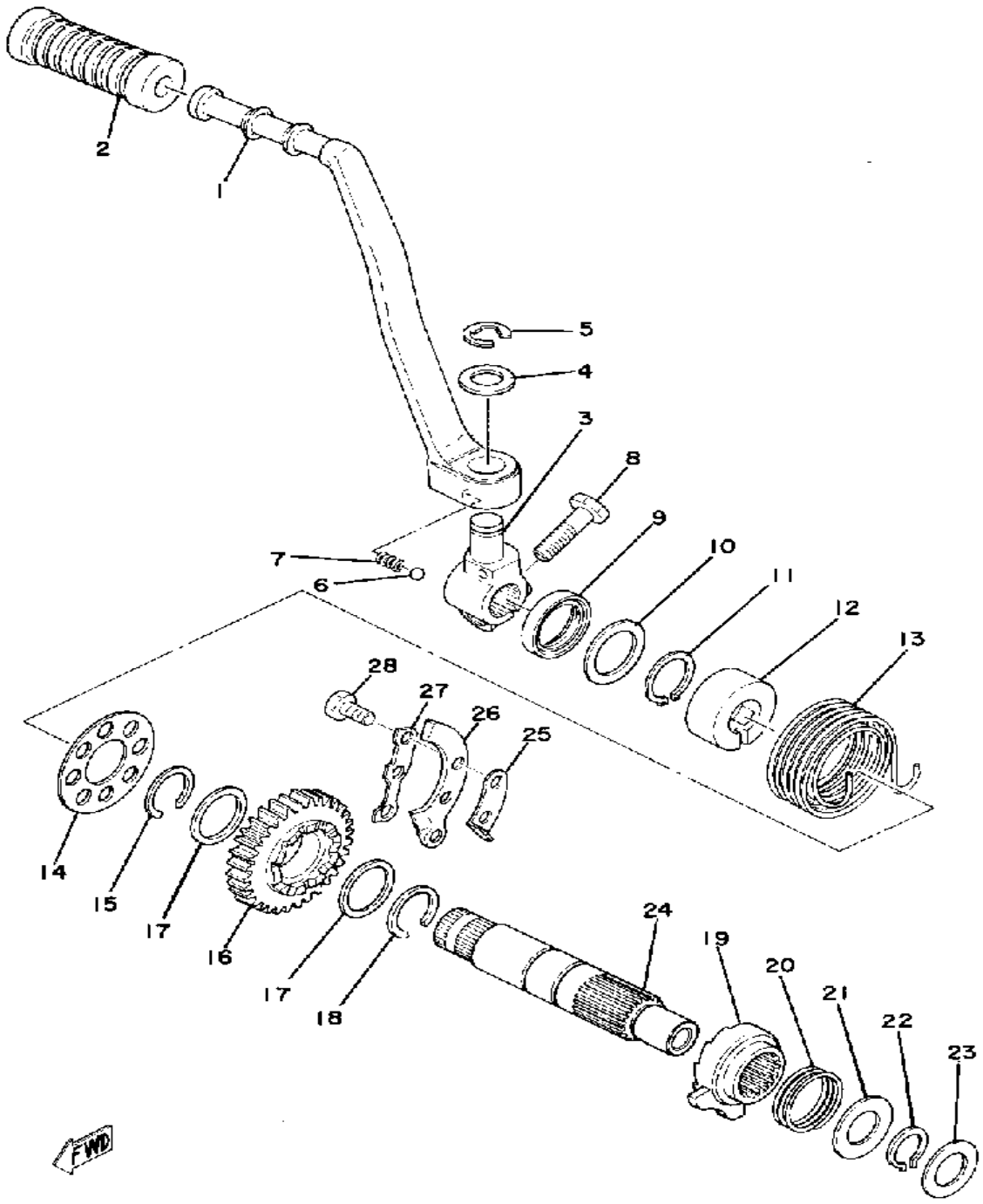
Ref. No.	Part Number	Description	Qty	Remarks
1	2J2-18540-00-00	SHIFT CAM ASSEMBLY	1	
2	93604-18100-00	PIN, DOWEL	6	
3	434-18561-00-00	PLATE, SIDE 1	1	
4	98701-05012-00	SCREW, FLAT HEAD	1	
5	2J2-W1814-00-00	PLATE, STOPPER	1	
6	99009-30400-00	CIRCLIP	1	
7	93604-08071-00	PIN, DOWEL	1	
8	90201-32673-00	WASHER, PLATE	1	
9	93315-23208-00	BEARING	1	
10	1J7-18547-00-00	STOPPER, CAM	1	
11	90501-10062-00	SPRING, COMPRESSION	1	
12	137-15353-00-00	GASKET, DRAIN	1	
13	90149-14031-00	SCREW, SPEC''L SHAPE	1	
14	364-18511-00-00	FORK, SHIFT 1	2	
15	363-18511-00-00	FORK, SHIFT 1	1	
16	90250-08017-00	PIN, STRAIGHT	3	
17	(363-18531-00-00)	BAR, SHIF FRK GDE 1	1	
18	363-18535-00-00	BAR, SHIF FRK GDE 2	1	
19	99001-08600-00	CIRCLIP	5	
20	434-18122-00-00	LEVER, SHIFT 2	1	
21	90508-08334-00	SPRING, TORSION	1	
22	498-18151-03-00	LEVER, SHIFT 3	1	
23	99080-07600-00	CIRCLIP (E)	1	

SHIFTER 2



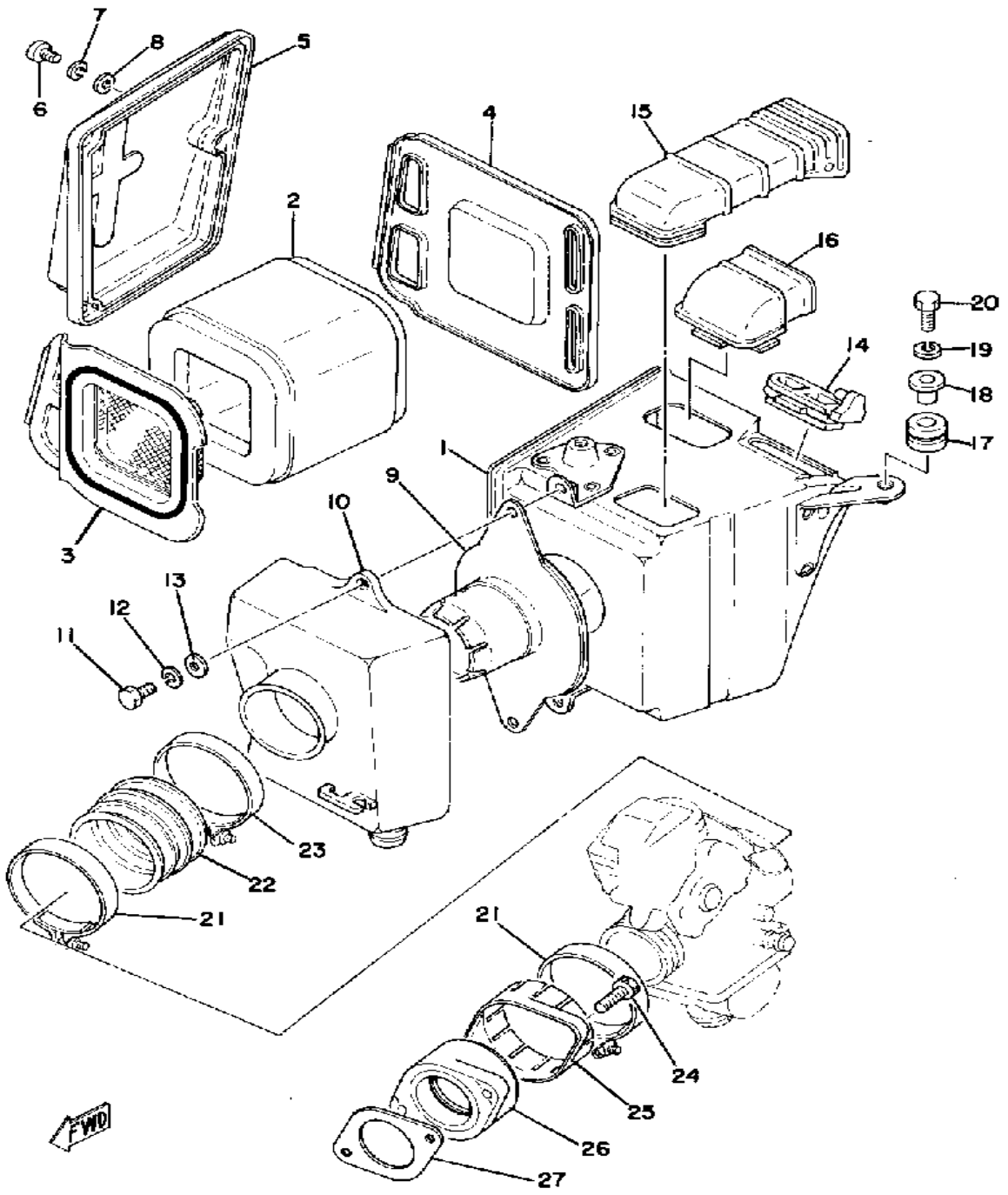
Ref. No.	Part Number	Description	Qty	Remarks
1	2Y0-18111-00-33	PEDAL, SHIFT	1	
2	1W6-18162-00-00	PEDAL, SHIFT	1	
3	90240-06057-00	PIN, CLEVIS	1	
4	90508-16351-00	SPRING, TORSION	1	
5	92901-06600-00	WASHER	1	
6	92990-06200-00	WASHER	1	
7	91490-20020-00	PIN, COTTER	1	
8	1W6-18113-00-00	COVER, SHIFT PEDAL	1	
9	97011-06020-00	BOLT	1	
10	583-18131-00-00	BOOT, SEALING	1	
11	99001-12600-00	CIRCLIP	1	
12	90201-14220-00	WASHER, PLATE	1	
13	93109-14010-00	OIL SEAL, SDO-TYPE	1	
14	2J2-18103-00-00	SHAFT, SHIFT	1	
15	90508-32052-00	SPRING, TORSION (214-18124-00)	1	
16	90149-06017-00	SCREW, SPEC''L SHAPE (214-18186-00)	1	
17	95380-06600-00	NUT	1	
18	92995-06100-00	WASHER, SPRING	1	
19	90215-06016-00	WASHER, LOCK	1	
20	278-18127-00-00	STOPPER, SCREW	1	
21	90215-08115-00	WASHER, LOCK	1	

KICK STARTER



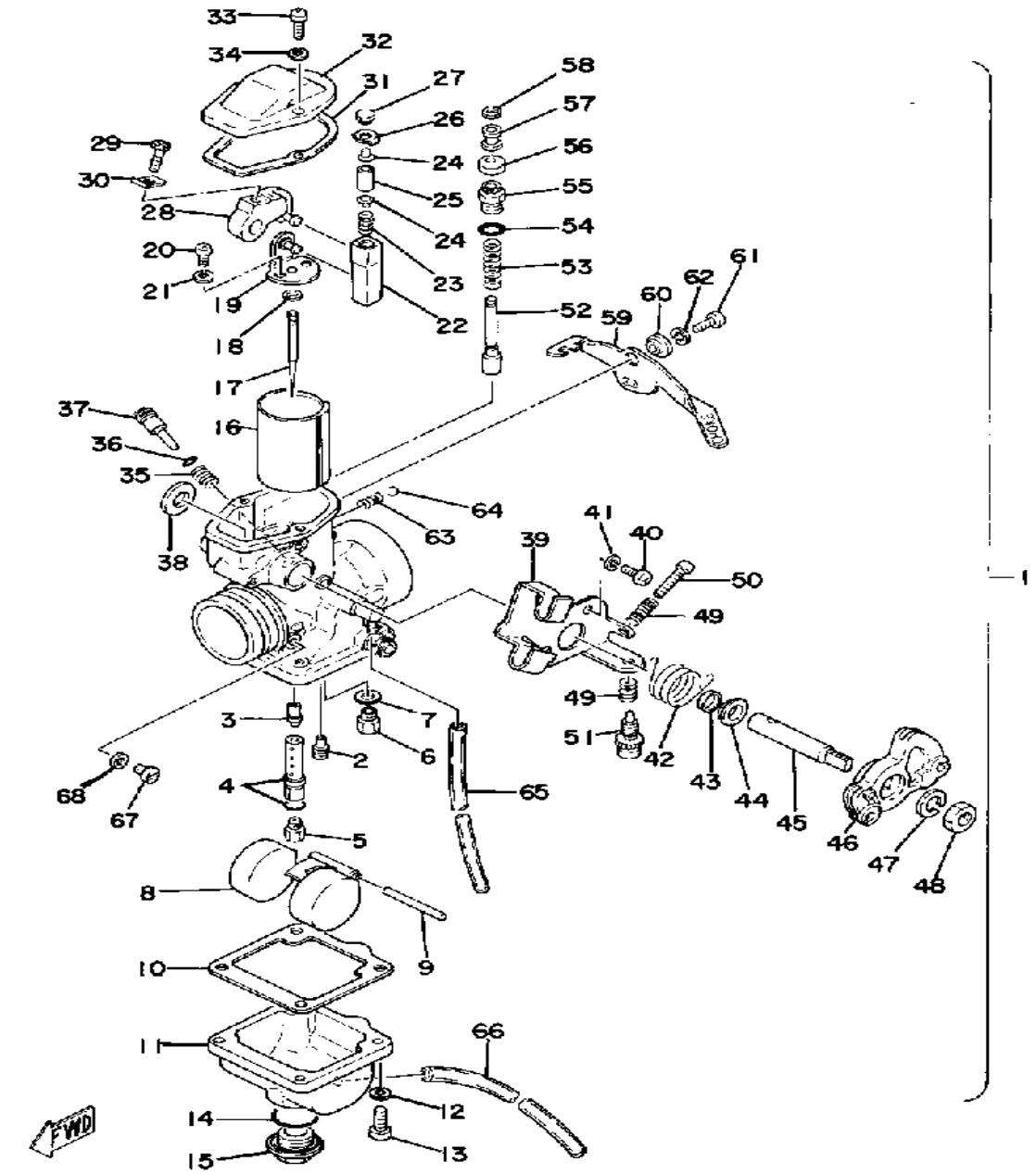
Ref. No.	Part Number	Description	Qty	Remarks
1	1JN-15610-00-00	KICK CRANK ASSEMBLY	1	
2	1T1-15618-00-00	COVER, KICK LEVER	1	
3	583-15621-00-00	BOSS, KICK CRANK	1	
4	90201-15234-00	WASHER, PLATE	1	
5	99006-10600-00	CIRCLIP	1	
6	93507-32031-00	BALL	1	
7	90501-12081-00	SPRING, COMPRESSION	1	
8	97313-08030-00	BOLT, HEXAGON	1	
9	93102-25064-00	OIL SEAL	1	
10	90201-256K6-00	WASHER, PLATE (0.9T)	1	
11	93410-25010-00	CIRCLIP, S-TYPE	1	
12	(90560-25154-00)	SPACER	1	
13	90508-32280-00	SPRING, TORSION	1	
14	(583-15676-00-00)	COVER, SPRING	1	
15	93440-25084-00	CIRCLIP	1	
16	583-15641-00-00	GEAR, KICK	1	
17	90201-253K0-00	WASHER, PLATE (T=1.0)	2	
18	93440-25020-00	CIRCLIP	1	
19	583-15671-00-00	WHEEL, RATCHET	1	
20	90501-23143-00	SPRING, COMPRESSION (363-15675-00)	1	
21	363-15676-00-00	COVER, SPRING	1	
22	99009-19400-00	CIRCLIP	1	
23	90201-20278-00	WASHER, PLATE	1	
24	583-15661-00-00	AXLE, KICK	1	
25	434-15668-00-00	STOPPER	1	
26	583-15674-00-00	GUIDE, RATCHET WHL	1	
27	363-15686-00-00	WASHER, LOCK	1	
28	97011-06016-00	BOLT	3	

INTAKE



Ref. No.	Part Number	Description	Qty	Remarks
1	583-14411-01-00	CASE, AIR CLEANER 1	1	
2	583-14451-09-00	ELEMENT, AIR CLNR	1	
3	583-14468-01-00	PLATE, ELEMENT FTNG	1	
4	583-14472-00-00	PLATE, ELEMENT	1	
5	583-14422-00-00	CAP, CLEANER CASE 2	1	
6	98580-05012-00	SCREW, PAN HEAD	3	
7	92990-05100-00	WASHER, SPRING	3	
8	92901-05600-00	WASHER, PLATE	3	
9	583-14485-00-00	PIPE, JOINT	1	
10	583-14421-00-00	CASE, AIR CLEANER 2	1	
11	97011-06020-00	BOLT	2	
12	92995-06100-00	WASHER, SPRING	2	
13	92901-06600-00	WASHER	2	
14	1T1-14437-00-00	DUCT	1	
15	583-14431-00-00	SILENCER, INTAKE 1	1	
16	1T1-14441-00-00	SILENCER, INTAKE 2	1	
17	90480-14023-00	GROMMET	2	
18	90387-07391-00	COLLAR	2	
19	92995-06100-00	WASHER, SPRING	2	
20	97011-06025-00	BOLT (97001-06025)	2	
21	90460-58015-00	CLAMP, HOSE	2	
22	583-14453-00-00	JOINT, AIR CLNR 1	1	
23	90460-61063-00	CLAMP, HOSE (256-14455-00)	1	
24	91316-06025-00	BOLT	2	
25	256-13564-00-00	COVER, CARB.JOINT	1	
26	583-13565-01-00	JOINT, CARBURETOR	1	
27	583-13556-01-00	GASKET, MANIFOLD	1	

CARBURETOR – Mfr./Type/I.D. Number	Mikuni / VM34SS / 2Y0-00
Main Jet/Pilot Jet	210 / 30
Needle Jet/Jet Needle-Clip Position	O-Z / 6H2-4
Slide Cutaway or Throttle Valve	4.0
Float Level	22.0 ± 1.0mm



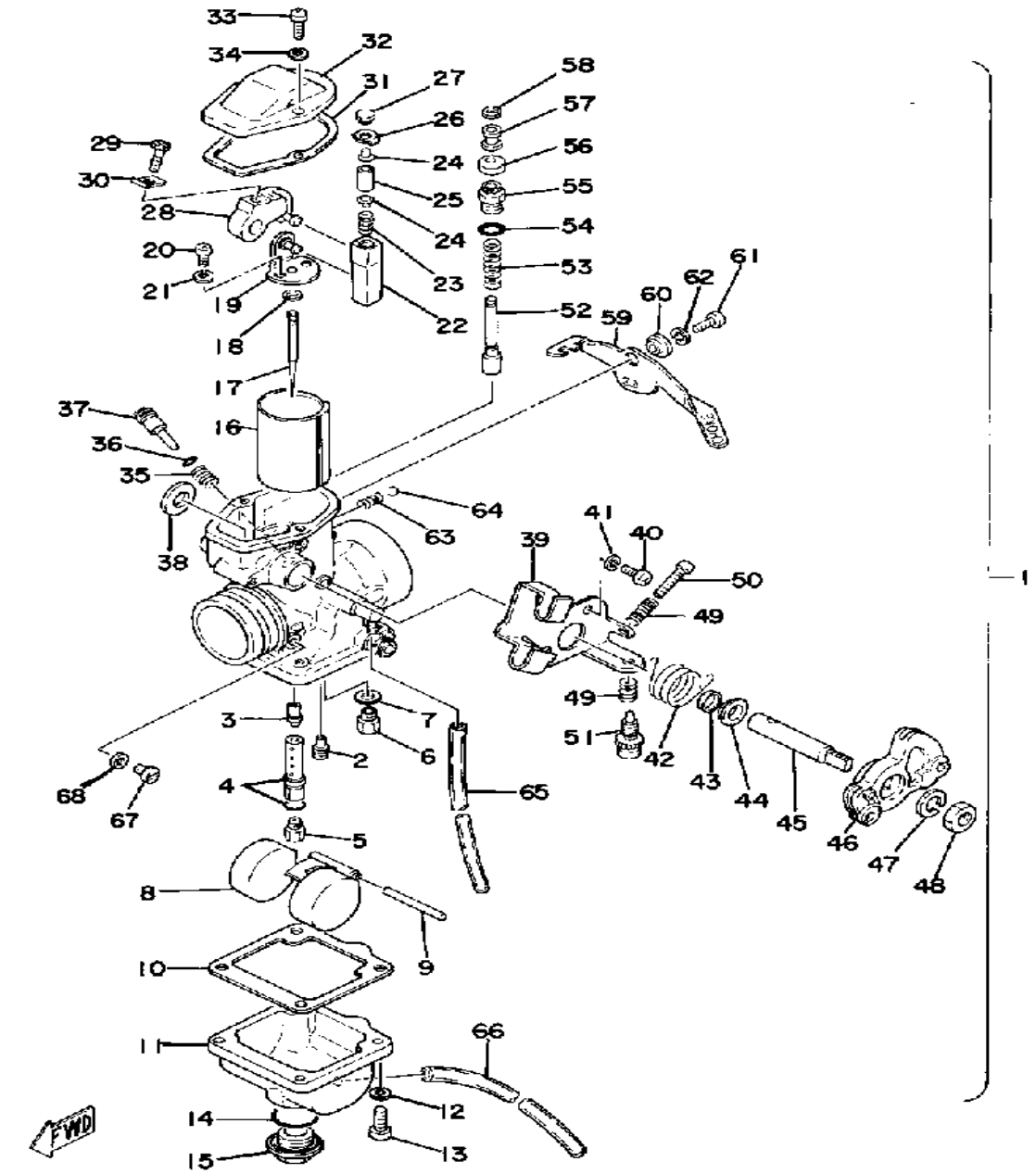
CARBURETOR

Ref. No.	Part Number	Description	Qty	Remarks
1	2Y0-14101-01-00	CARBURETOR ASSEMBLY 1 .	1	
2	193-14142-30-A0	. JET, PILOT #30 (#30)	1	
3	583-14141-52-00	. NOZZLE, MAIN (Q-2)	1	
4	583-14148-00-00	. PIPE	1	
5	137-14143-40-A1	. JET, MAIN #2 0	1	UR
	137-14143-42-A1	. JET, MAIN #2 0	1	UR
	137-14143-44-A1	. JET, MAIN #2 0	1	UR
6	168-14190-28-00	. NEEDLE VALVE ASSEMBLY .	1	
7	214-14195-00-00	. WASHER, NEEDLE VALVE . .	1	
8	583-14185-00-00	. FLOAT	1	
9	127-14186-00-00	. PIN, FLOAT	1	
10	583-14184-00-00	. GASKET, FLOAT CHMBR . . .	1	
11	(1E6-14181-12-00)	BODY, FLOAT CHMBR 1	1	
12	92995-06100-00	. WASHER, SPRING	4	
13	98503-06014-00	. SCREW, PAN HEAD (92502-06016)	4	
14	558-14147-00-00	. O-RING	1	
15	500-14115-00-00	. PLUG, SCREW	1	
16	(583-14112-40-00)	VALVE, THROTTLE 1	1	
17	1T1-14116-02-00	. NEEDLE	1	
18	164-14137-00-00	. CLIP	1	
19	(583-14291-00-00)	BRACKET 1	1	
20	98511-04012-00	. SCREW, PAN HEAD	2	
21	92901-04100-00	. WASHER, SPRING	2	
22	(583-14274-00-00)	CONNECTOR	1	
23	(583-14933-00-00)	SPRING, DIAPHRAGM	1	
24	(583-14558-00-00)	WASHER	2	
25	(583-14386-00-00)	PIN, FLOAT	1	
26	(583-14951-00-00)	WASHER	1	

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CARBURETOR

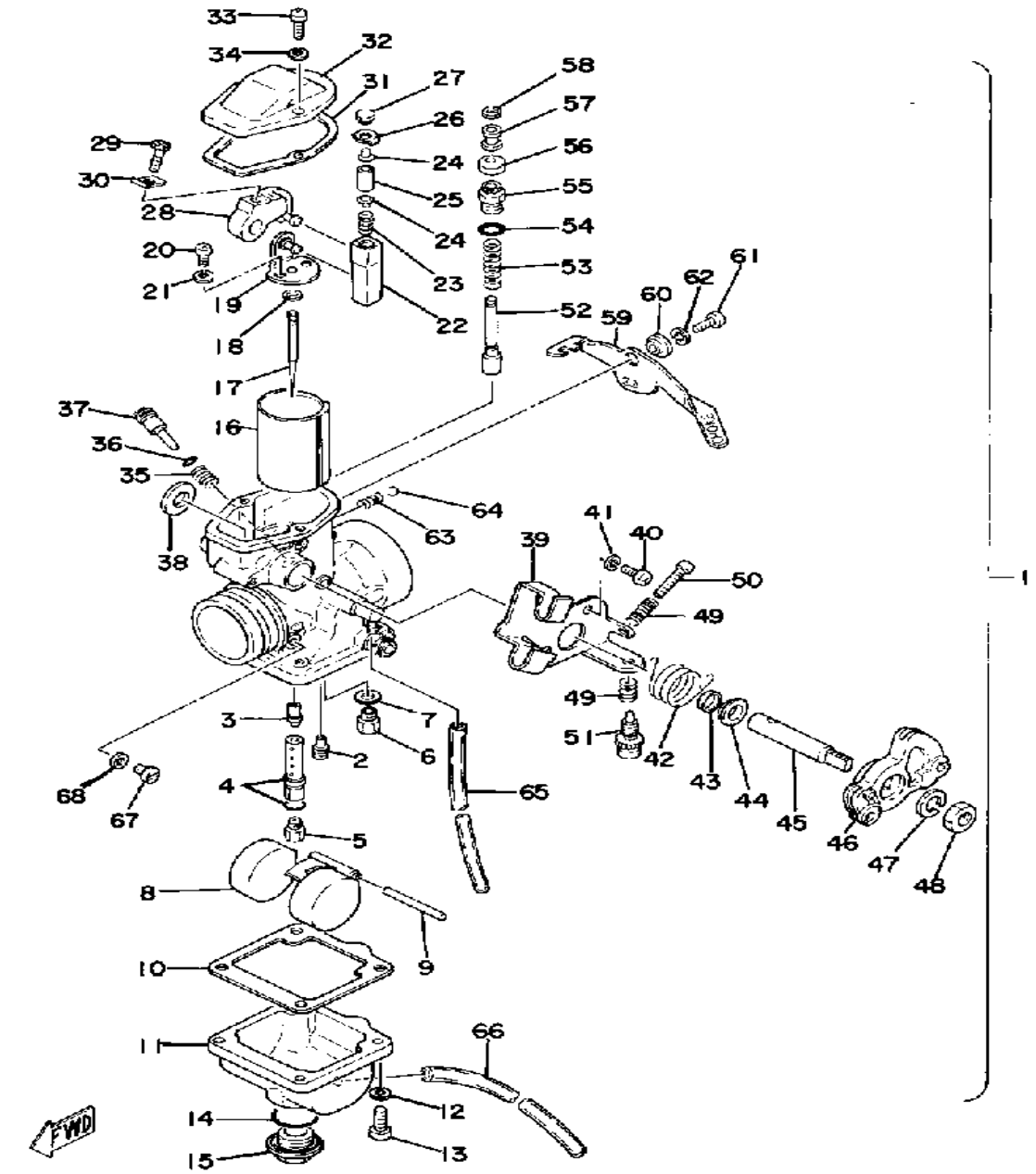
CARBURETOR – Mfr./Type/I.D. Number	Mikuni / VM34SS / 2Y0-00
Main Jet/Pilot Jet	210 / 30
Needle Jet/Jet Needle-Clip Position	O-Z / 6H2-4
Slide Cutaway or Throttle Valve	4.0
Float Level	22.0 ± 1.0mm



Ref. No.	Part Number	Description	Qty	Remarks
27	(583-14216-00-00)	SCREW	1	
28	(583-14292-00-00)	LEVER, THROTTL.VALV	1	
29	583-14592-00-00	. SCREW	1	
30	(583-14597-00-00)	WASHER	1	
31	583-14536-00-00	. GASKET	1	
32	(583-14158-00-00)	TOP, MIXING CHAMBER	1	
33	98503-04014-00	. SCREW, PAN HEAD	2	
34	92901-04100-00	. WASHER, SPRING	2	
35	127-14134-00-00	. SPRING, AIR ADJUSTING	1	
36	354-14147-00-00	. O-RING	1	
37	10W-14104-00-00	. AIR SCREW SET	1	
38	583-14264-00-00	. SPACER	1	
39	(2J2-14571-00-00)	BRACKET, THROTTLE	1	
40	98580-05012-00	. SCREW, PAN HEAD	2	
41	92990-05100-00	. WASHER, SPRING	2	
42	583-14131-01-00	. SPRING, THRTL VALVE	1	
43	583-14239-01-00	. SEAL	1	
44	583-14265-00-00	. COLLAR	1	
45	(583-14215-00-00)	SHAFT, THRTL LEVER	1	
46	(583-14573-00-00)	LEVER	1	
47	92990-08100-00	. WASHER	1	
48	812-14594-00-00	. NUT	1	
49	2J2-14133-00-00	. SPRING, THROTTLE STOP	2	
50	583-14245-00-00	. SCREW, GUIDE	1	
51	(2J2-14121-00-00)	SCREW, THRTL STOP	1	
52	(583-14171-01-00)	PLUNGER, STARTER	1	
53	500-14135-00-00	. SPRING, PLUNGER	1	
54	583-14562-00-00	. O-RING	1	
55	583-14174-00-00	. CAP, PLUNGER	1	

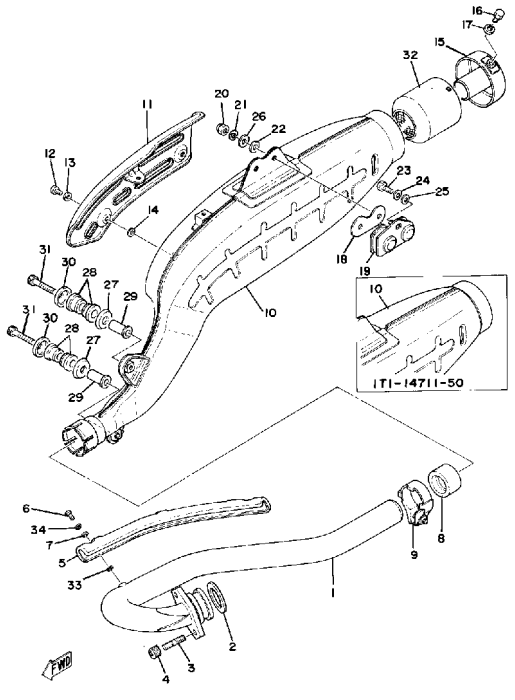
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CARBURETOR – Mfr./Type/I.D. Number	Mikuni / VM34SS / 2Y0-00
Main Jet/Pilot Jet	210 / 30
Needle Jet/Jet Needle-Clip Position	O-Z / 6H2-4
Slide Cutaway or Throttle Valve	4.0
Float Level	22.0 ± 1.0mm



CARBURETOR

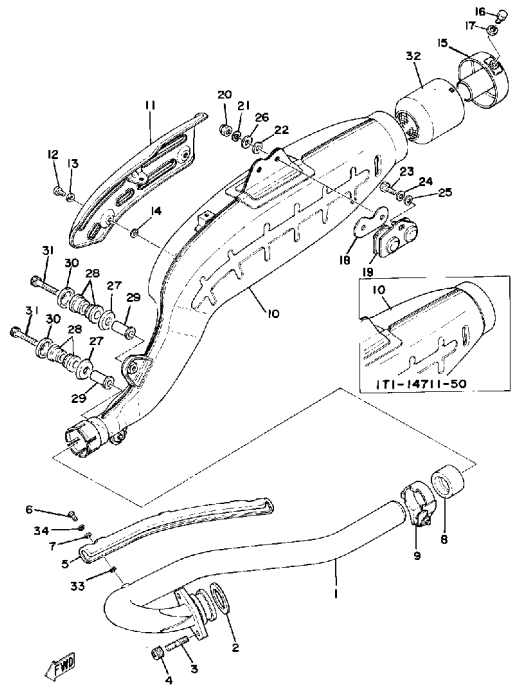
Ref. No.	Part Number	Description	Qty	Remarks
56	802-14173-00-00	. COVER, PLUNGER CAP	1	
57	583-14918-00-00	. RING	1	
58	737-14137-00-00	. CLIP	1	
59	583-14175-01-00	. LEVER, STARTER 1	1	
60	583-14594-00-00	. NUT	1	
61	98580-06012-00	. SCREW, PAN HEAD	1	
62	92995-06100-00	. WASHER, SPRING	1	
63	583-14589-00-00	. SPRING	1	
64	93501-08001-00	. BALL	1	
65	(583-14197-01-00)	PIPE, AIRVENT	1	
66	510-14197-00-00	. PIPE (43214-19700-00)	1	
67	341-14991-00-00	. SCREW	1	
68	584-14956-00-00	. WASHER	1	



EXHAUST

Ref. No.	Part Number	Description	Qty	Remarks
1	1T1-14611-03-00	PIPE, EXHAUST L	1	
2	90430-38054-00	GASKET	1	
3	95621-08615-00	BOLT, STUD	2	
4	90179-08004-00	NUT	2	
5	1T1-14628-00-00	PROTC, EXHAUST PIPE	1	
6	98906-06010-00	SCREW, BIND	2	
7	90202-05187-00	WASHER, PLATE	2	
8	4X7-14714-00-00	GASKET, MUFFLER	1	
9	1T1-14788-00-00	BAND, SILENCER	1	
10	(1T1-14711-32-00)	MUFFLER L	1	FOR U.S.A.
11	1T1-14718-00-00	PROTECTOR, MUFF 1	1	
12	98906-06010-00	SCREW, BIND	3	
13	90202-05187-00	WASHER, PLATE	3	
14	3WX-14766-00-00	WASHER, PROTECTOR	3	
15	1T1-14752-01-00	PIPE, OUTLET	1	
16	97011-06010-00	BOLT	2	
17	92995-06100-00	WASHER, SPRING	2	
18	1T1-14755-01-00	GASKET, SILENCER	1	
19	1T1-14791-02-00	STAY, MUFFLER	1	
20	95611-08100-00	NUT, U	2	
21	92990-08100-00	WASHER	2	
22	90202-08103-00	WASHER, PLATE	2	
23	97313-08020-00	BOLT, HEXAGON	1	
24	92990-08100-00	WASHER	1	
25	90201-08649-00	WASHER, PLATE	1	
26	90201-08326-00	WASHER, PLATE	2	
27	90209-12163-00	WASHER, SPEC''L SHAP	2	
28	1T1-14747-01-00	DAMPER, MUFFLER	4	
29	90387-08572-00	COLLAR	2	

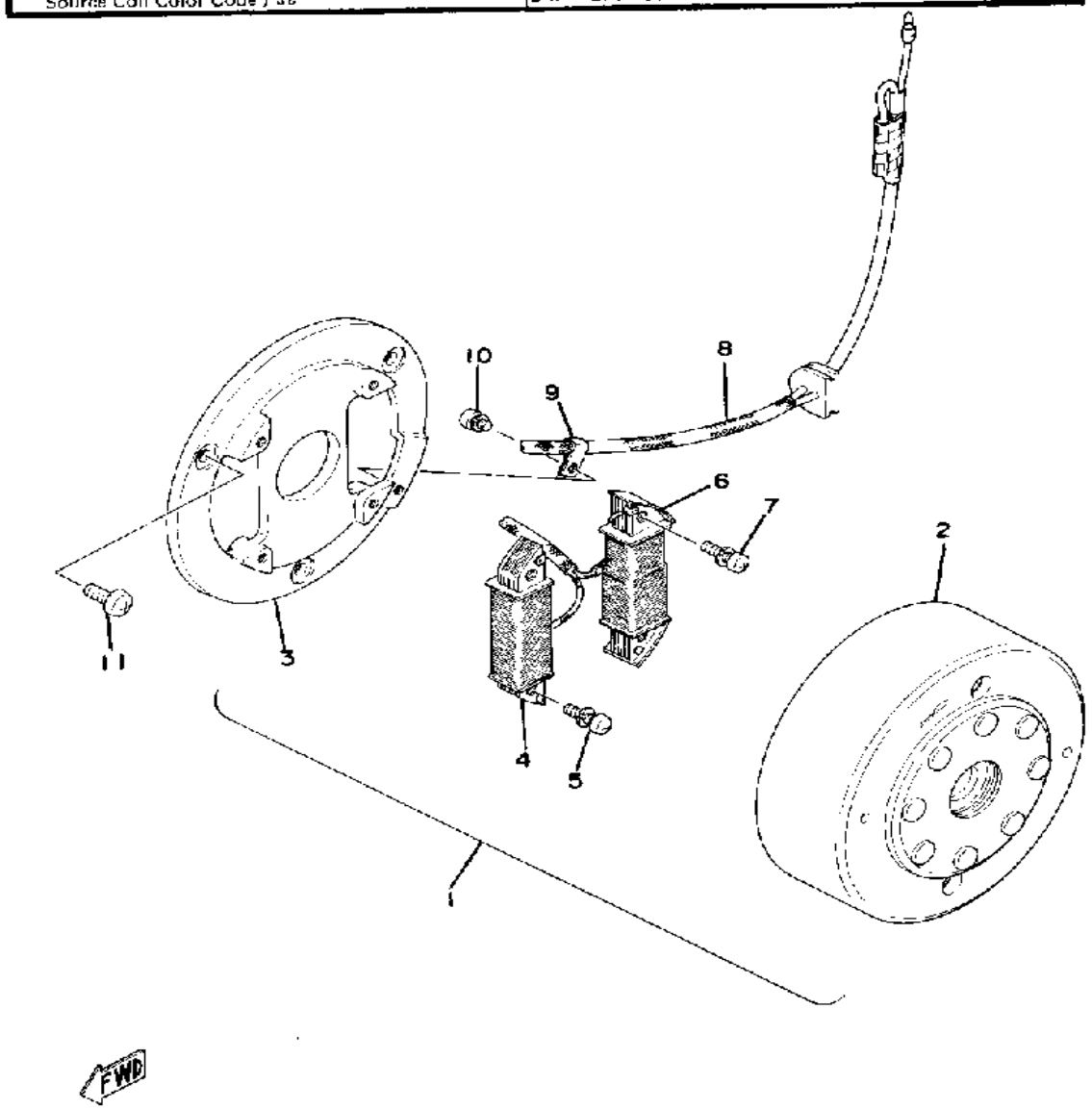
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EXHAUST

Ref. No.	Part Number	Description	Qty	Remarks
30	90209-08098-00	WASHER, SPEC''L SHAP	2	
31	91316-08050-00	BOLT	2	
32	(1E6-14786-01-00)	ARRESTER, SPARK	1	U.S.A. ONLY
33	3WX-14766-00-00	WASHER, PROTECTOR	2	
34	90206-06090-00	WASHER, WAVE	2	

IGNITION SYSTEM	Flywheel Magneto - External Rotor
Ignition Timing	7° Mark
	Std: 7° @ 1200 rpm Adv: 27° @ 3000 rpm
TROUBLESHOOTING	
Ignition Coil Test Gap/Primary M/Secondary M	6mm / 0.75 Ω + 10% / 5.7K Ω ± 20%
Source Coil Color Code / Ω	Blk ~ Grd / 2.21 Ω ± 10%

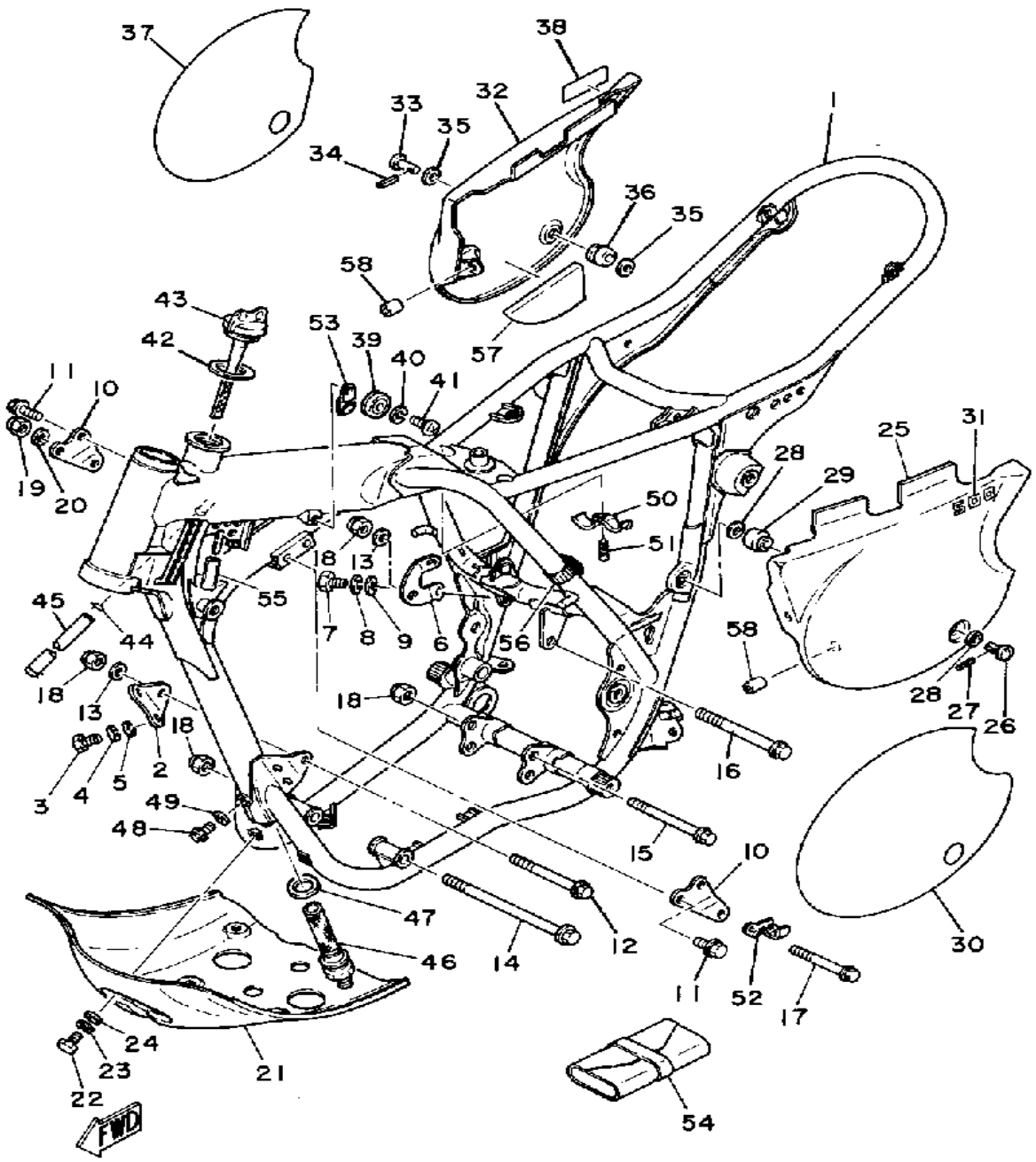


FLYWHEEL MAGNETO

Ref. No.	Part Number	Description	Qty	Remarks
1	583-81300-50-00	FLYWHL MAGNETO ASSEMBLY	1	
2	(583-81350-50-00)	ROTOR ASSEMBLY	1	
3	(583-81309-50-00)	BASE, MAGNETO	1	
4	583-81311-50-00	. COIL, IGNITION 1	1	
5	583-81345-50-00	. SCREW, PAN HEAD (5.22)	2	
6	583-81313-50-00	. COIL, LIGHTING 1	1	
7	583-81345-50-00	. SCREW, PAN HEAD (5.22)	2	
8	(583-81315-50-00)	LEAD WIRE ASSEMBLY	1	
9	(583-81328-50-00)	CLAMP	1	
10	(583-81346-50-00)	SCREW, PAN HEAD	1	
11	98503-06014-00	SCREW, PAN HEAD (92502-06016)	3	

FRAME - SIDE COVER

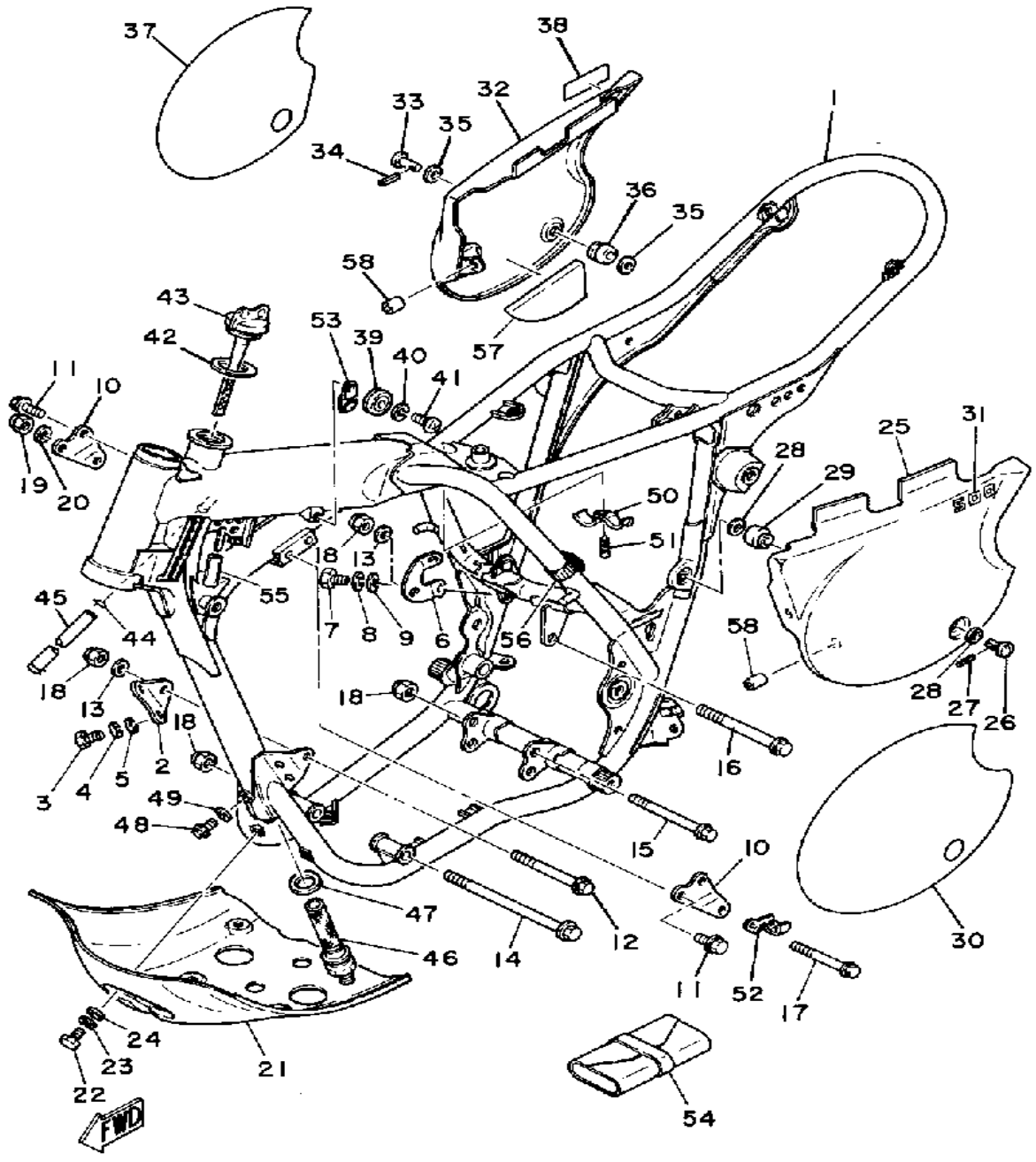
Initial Engine Number/Frame Number	1T1-200101 / 1T1-200101



Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-21110-00-33)	FRAME	1	YAMAHA BLACK
2	583-21316-00-00	STAY, ENGINE 3	1	
3	97013-08025-00	BOLT	2	
4	92990-08100-00	WASHER	2	
5	92901-08600-00	WASHER	2	
6	1T1-21317-00-00	STAY, ENGINE 4	1	
7	97013-08025-00	BOLT	2	
8	92990-08100-00	WASHER	2	
9	92901-08600-00	WASHER	2	
10	583-21315-01-00	STAY, ENGINE 2 (583-21315-00)	2	
11	90105-08155-00	BOLT, WASHER BASED	4	M8-14L
12	90105-10039-00	BOLT, WASHER BASED	1	M10-100L
13	90201-102G9-00	WASHER, PLATE	2	
14	90105-10063-00	BOLT, WASHER BASED	1	M10-185L
15	90105-10050-00	BOLT, WASHER BASED	1	M10-110L
16	90105-10051-00	BOLT, WASHER BASED	1	M10-115L
17	90105-08064-00	BOLT, WASHER BASED	1	M8-80L
18	90185-10060-00	NUT, SELF-LOCKING	4	
19	90185-08089-00	NUT, SELF-LOCKING	1	
20	90208-08011-00	WASHER, CONICAL SPRING	1	
21	1T1-21471-01-00	PROTECTOR, ENGINE	1	
22	97301-06014-00	BOLT, HEXAGON	5	
23	92995-06100-00	WASHER, SPRING	5	
24	90201-065F3-00	WASHER, PLATE	5	
25	(2Y0-21711-00-00)	COVER, SIDE 1	1	NEW ELTRO ORNG
26	583-21714-00-00	KNOB, SIDE COVER 1	1	
27	91609-25018-00	PIN, SPRING	1	
28	90201-06063-00	WASHER, PLATE	2	
29	583-21747-00-00	DAMPER	1	

CONTINUED ON NEXT FRAME ➤

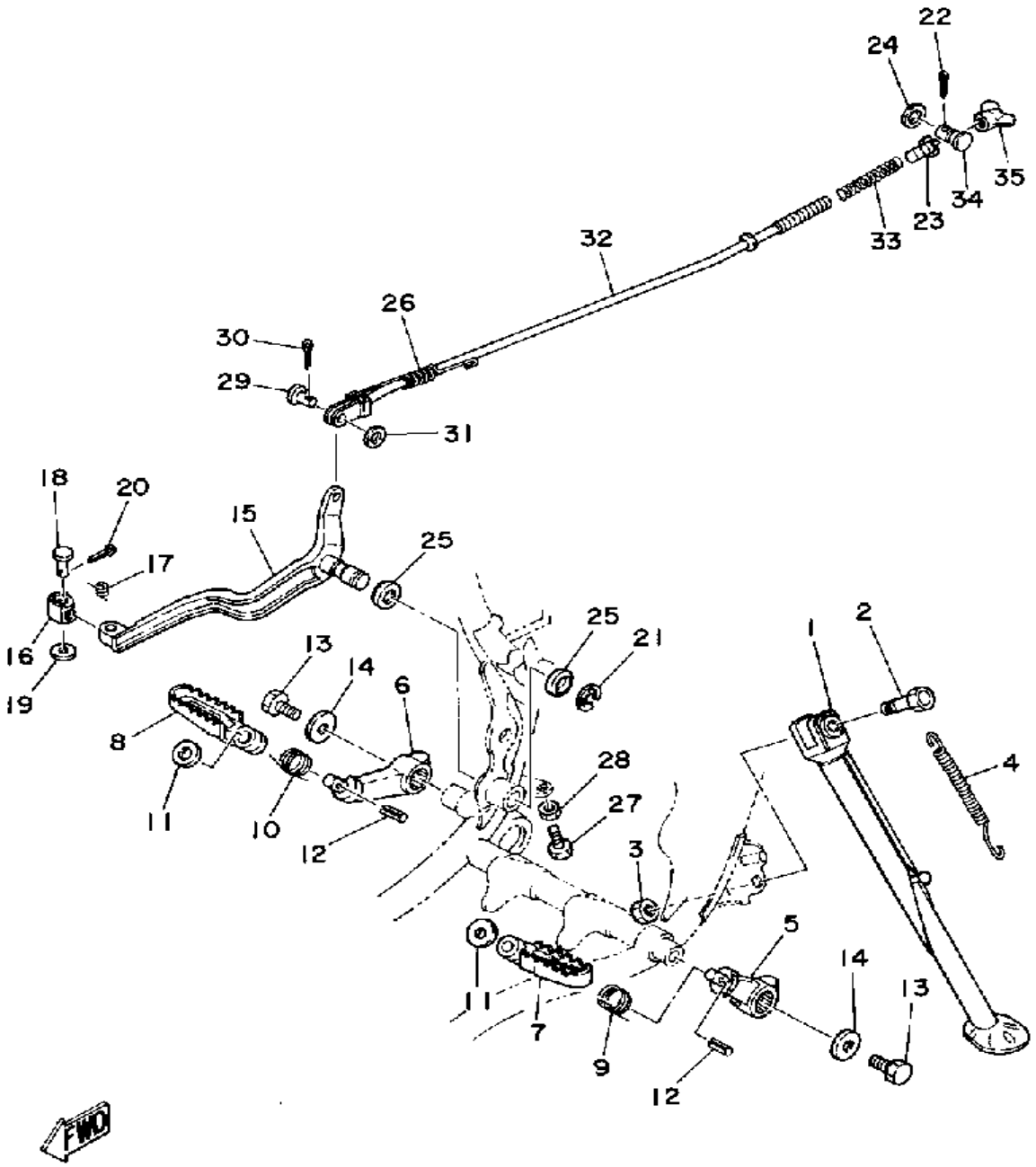
Initial Engine Number/Frame Number	1T1-200101 / 1T1-200101



FRAME - SIDE COVER

Ref. No.	Part Number	Description	Qty	Remarks
30	(2Y0-21786-00-00)	EMBLEM 6	1	
31	(2Y0-21784-00-00)	EMBLEM 4	1	
32	(2Y0-21721-00-00)	COVER, SIDE 2	1	NEW ELTRO ORNG
33	583-21714-00-00	KNOB, SIDE COVER 1	1	
34	91609-25018-00	PIN, SPRING	1	
35	90201-06063-00	WASHER, PLATE	2	
36	583-21747-00-00	DAMPER	1	
37	(2Y0-21787-00-00)	EMBLEM 7	1	
38	(2Y0-21784-00-00)	EMBLEM 4	1	
39	583-24181-00-00	DAMPER, LOCATING 1	2	
40	92990-05100-00	WASHER, SPRING	2	
41	98580-05012-00	SCREW, PAN HEAD	2	
42	90430-27124-00	GASKET	1	
43	2J2-21771-02-00	BODY, CAP	1	
44	90467-10008-00	CLIP	2	
45	90445-11289-00	HOSE	1	
46	583-21756-00-00	NET, FILTER	1	
47	90430-22123-00	GASKET	1	
48	95811-08012-00	BOLT, FLANGE	1	
49	90201-08087-00	WASHER, PLATE	1	
50	(583-21755-00-00)	CLAMP, DAMPER	1	
51	97780-50110-00	SCREW, TAPPING	1	
52	90465-10090-00	CLAMP	1	
53	(90465-06086-00)	CLAMP	1	
54	1JN-W2810-00-00	TOOL KIT (1E6-28100-10)	1	
55	(90446-07114-00)	HOSE	1	
56	437-83936-01-00	BAND, SWITCH CORD	1	
57	(2Y0-2174A-00-00)	INSULATOR, SIDE CVR	1	
58	90445-11418-00	HOSE	2	

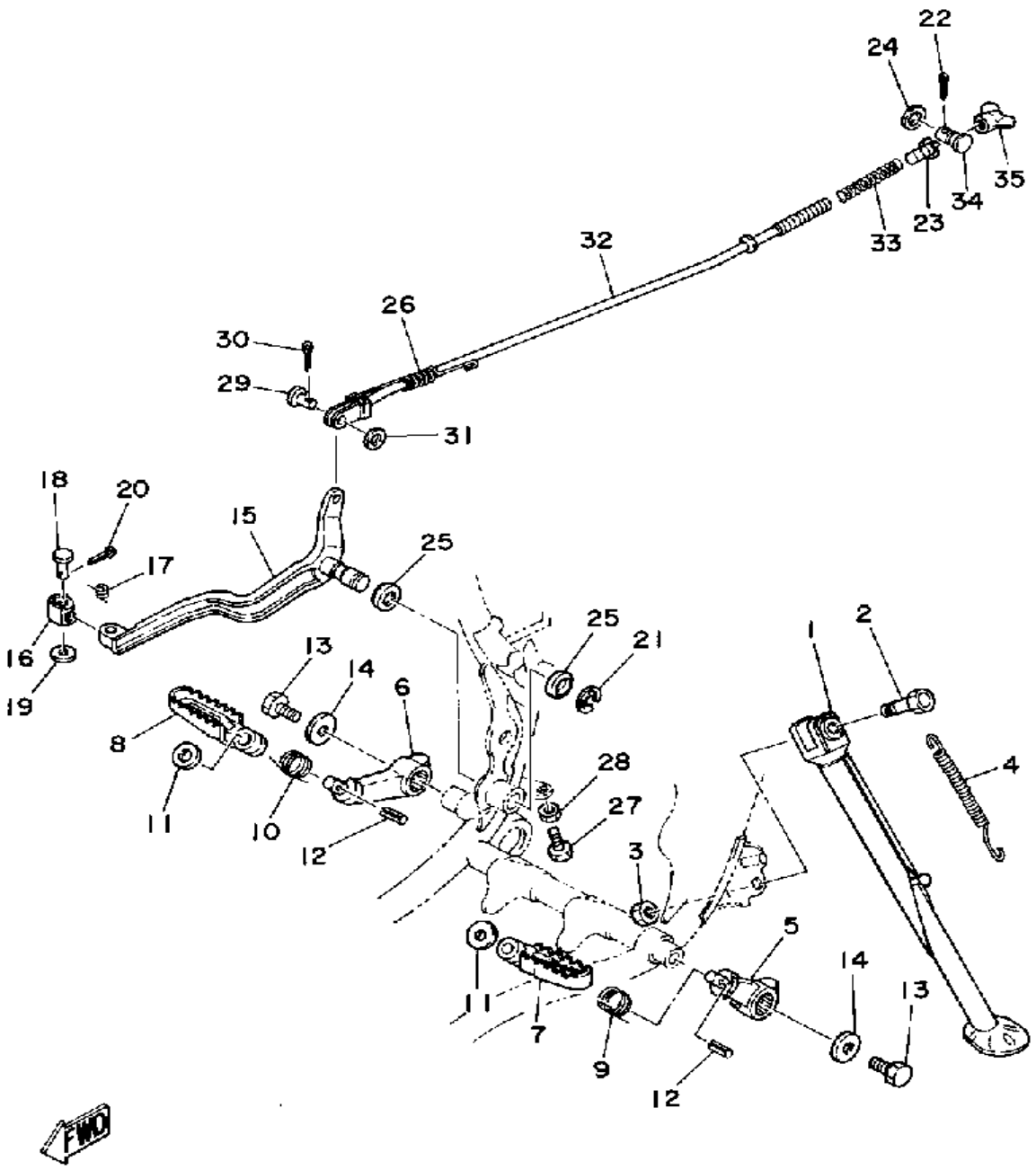
STAND - FOOTREST - BRAKE PEDAL



Ref. No.	Part Number	Description	Qty	Remarks
1	2Y0-27311-00-33	STAND, SIDE	1	
2	90109-103A1-00	BOLT	1	
3	90185-10037-00	NUT, SELF-LOCKING	1	
4	90507-29021-00	SPRING, TENSION	1	
5	2Y0-27412-00-33	BRACKET, FOOTREST 1	1	
6	2Y0-27422-00-33	BRACKET, FOOTREST 2	1	
7	583-27411-00-00	FOOTREST 1	1	
8	583-27421-00-00	FOOTREST 2	1	
9	90508-26277-00	SPRING, TORSION	1	
10	90508-26276-00	SPRING, TORSION	1	
11	90201-12631-00	WASHER, PLATE	2	
12	91609-30020-00	PIN, SPRING	2	
13	97011-10016-00	BOLT, HEXAGON	2	
14	90201-10639-00	WASHER, PLATE	2	
15	2Y0-27211-00-R4	PEDAL, BRAKE	1	
16	55V-27242-00-00	PEDAL, BRAKE	1	
17	90508-14352-00	SPRING, TORSION	1	
18	91701-06022-00	PIN, CLEVIS	1	
19	92901-06600-00	WASHER	1	
20	91490-20020-00	PIN, COTTER	1	
21	99001-15600-00	CIRCLIP, E-TYPE	1	
22	91401-25030-00	PIN, COTTER	1	
23	1W2-27239-00-00	SEAT, SPRING	1	
24	90201-12631-00	WASHER, PLATE	1	
25	498-27235-00-00	COVER, DUST	2	
26	90506-20128-00	SPRING, TENSION	1	
27	97011-06020-00	BOLT	1	
28	95380-06700-00	NUT	1	
29	90240-08051-00	PIN, CLEVIS	1	

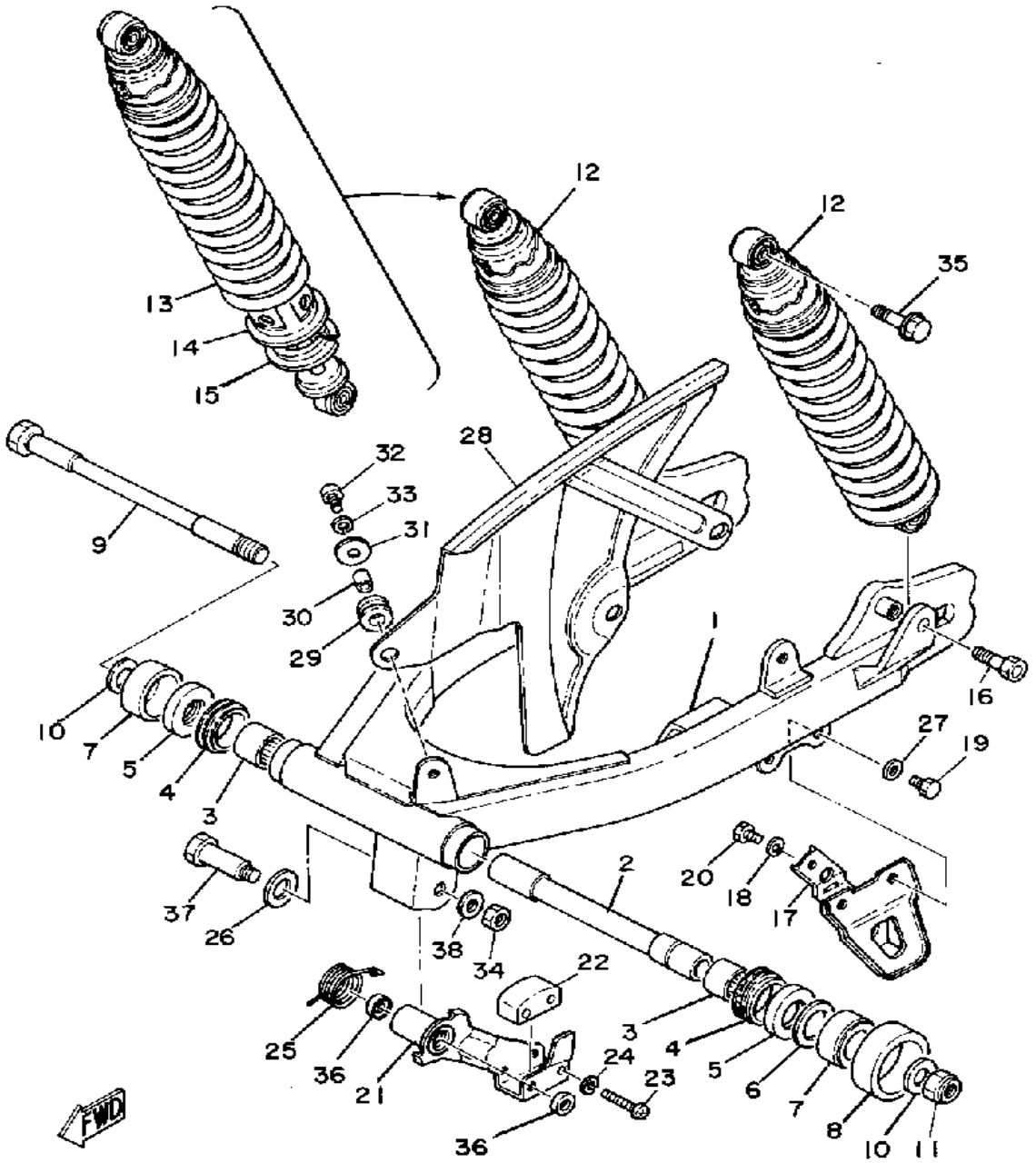
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STAND - FOOTREST - BRAKE PEDAL



Ref. No.	Part Number	Description	Qty	Remarks
30	91490-20020-00	PIN, COTTER	1	
31	90201-08624-00	WASHER, PLATE	1	
32	2Y0-27231-00-00	ROD, BRAKE	1	
33	90501-10245-00	SPRING, COMPRESSION	1	
34	1W2-27237-00-00	PIN, CLEVIS	1	
35	90179-06411-00	NUT	1	

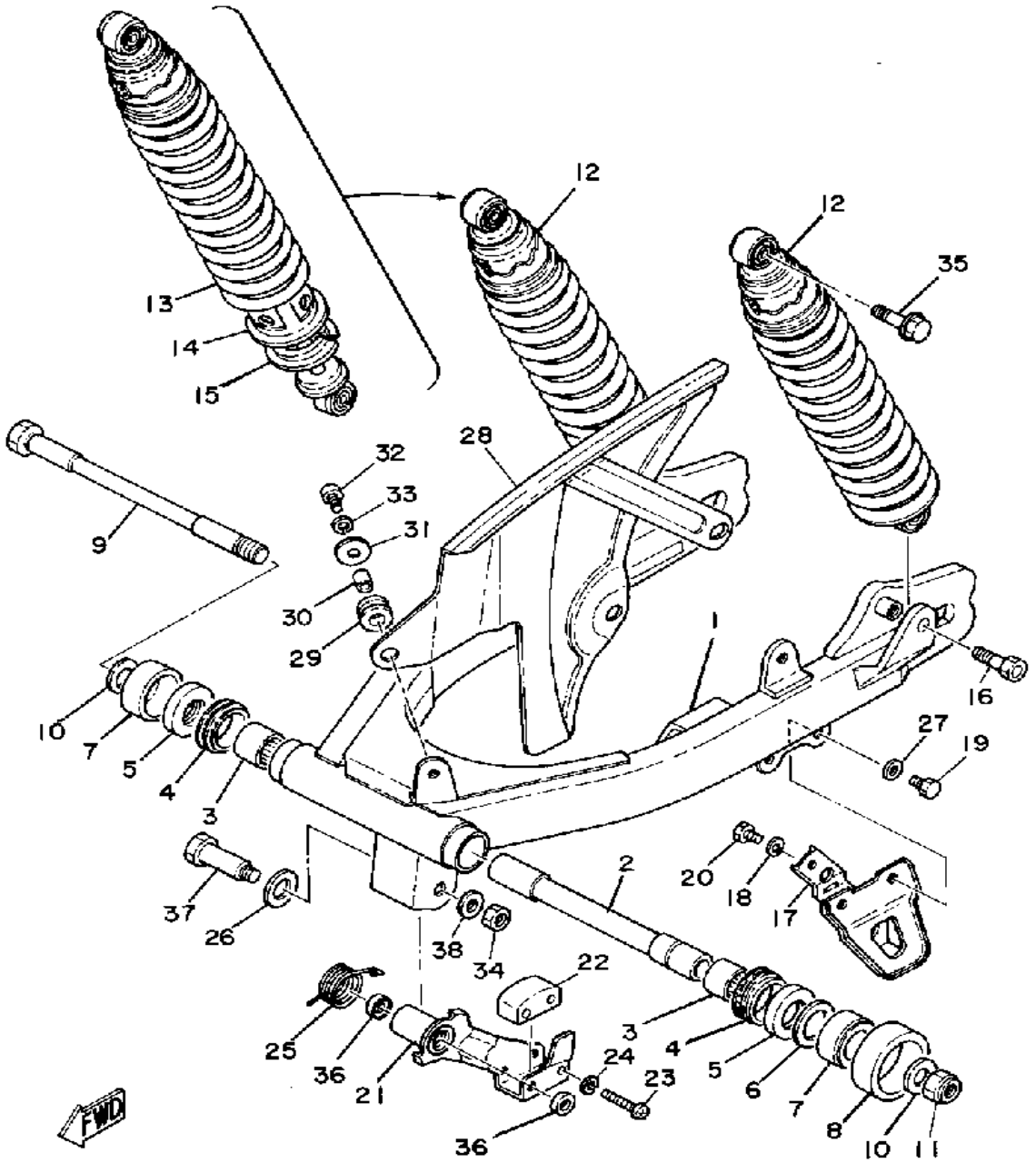
REAR ARM - REAR CUSHION



Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-22110-01-35)	REAR ARM	1	
2	483-22124-00-00	BUSH 2	1	
3	93317-22208-00	BEARING, CYLINDER.# 7	2	
4	93108-35004-00	OIL SEAL (35-41-8)	2	
5	93342-22205-00	BEARING, FLAT # 2	2	
6	648-45533-00-03	SHIM	1	
7	2K8-22129-00-00	COVER, THRUST 2	2	
8	431-22151-03-00	SEAL, GUARD	1	
9	583-22141-01-00	SHAFT, PIVOT	1	
10	90208-16019-00	WASHER, CONICAL SPRING	2	
11	95601-16100-00	NUT, U	1	
12	3H7-22210-00-00	SHK/ABS ASSEMBLY, REAR	2	
13	(1T1-22212-00-00)	SPRING	2	
14	1T1-22211-00-00	. COVER	2	
15	583-22214-00-00	. GUIDE, SPRING 1	2	
16	90105-10104-00	BOLT, WASHER BASED	2	
17	(2Y0-22153-00-33)	GUARD, CHAIN	1	YAMAHA BLACK
18	92995-06100-00	WASHER, SPRING	1	
19	97001-06018-00	BOLT	2	
20	97313-06016-00	BOLT, HEXAGON	1	
21	2Y0-22179-00-00	ARM, TENSIONER	1	
22	ACC-11130-00-25	TENSIONER (2N0-22178-00-00)	1	
23	98501-05040-00	SCREW, PAN HEAD (98502-05040)	2	
24	92990-05100-00	WASHER, SPRING	2	
25	90508-35387-00	SPRING, TORSION	1	
26	90201-14215-00	WASHER, PLATE	1	
27	92901-06600-00	WASHER	2	
28	2Y0-22311-01-33	CASE, CHAIN	1	

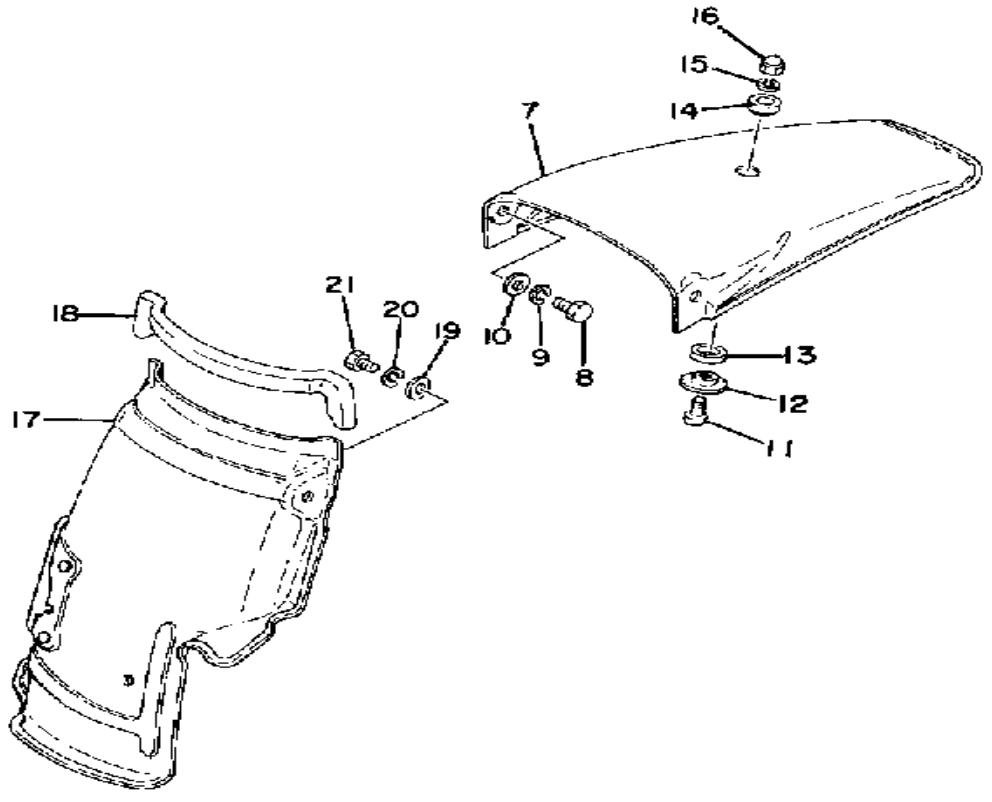
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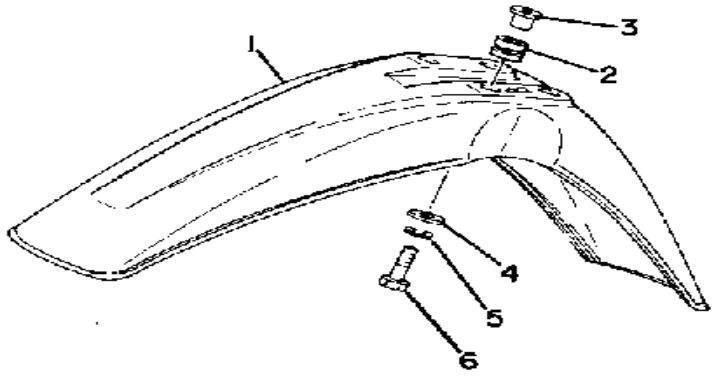
REAR ARM - REAR CUSHION



Ref. No.	Part Number	Description	Qty	Remarks
29	90480-12529-00	GROMMET	3	
30	90560-05001-00	SPACER	3	
31	90201-06407-00	WASHER, PLATE (90201-06747-00)	3	
32	98580-05016-00	SCREW, PAN HEAD	3	
33	92990-05100-00	WASHER, SPRING	3	
34	95303-10700-00	NUT	1	
35	90109-10420-00	BOLT	2	
36	93104-14044-00	OIL SEAL	2	
37	90109-10483-00	BOLT (90109-10533-00)	1	
38	90201-100A1-00	WASHER, PLATE	1	

FRONT FENDER - REAR FENDER

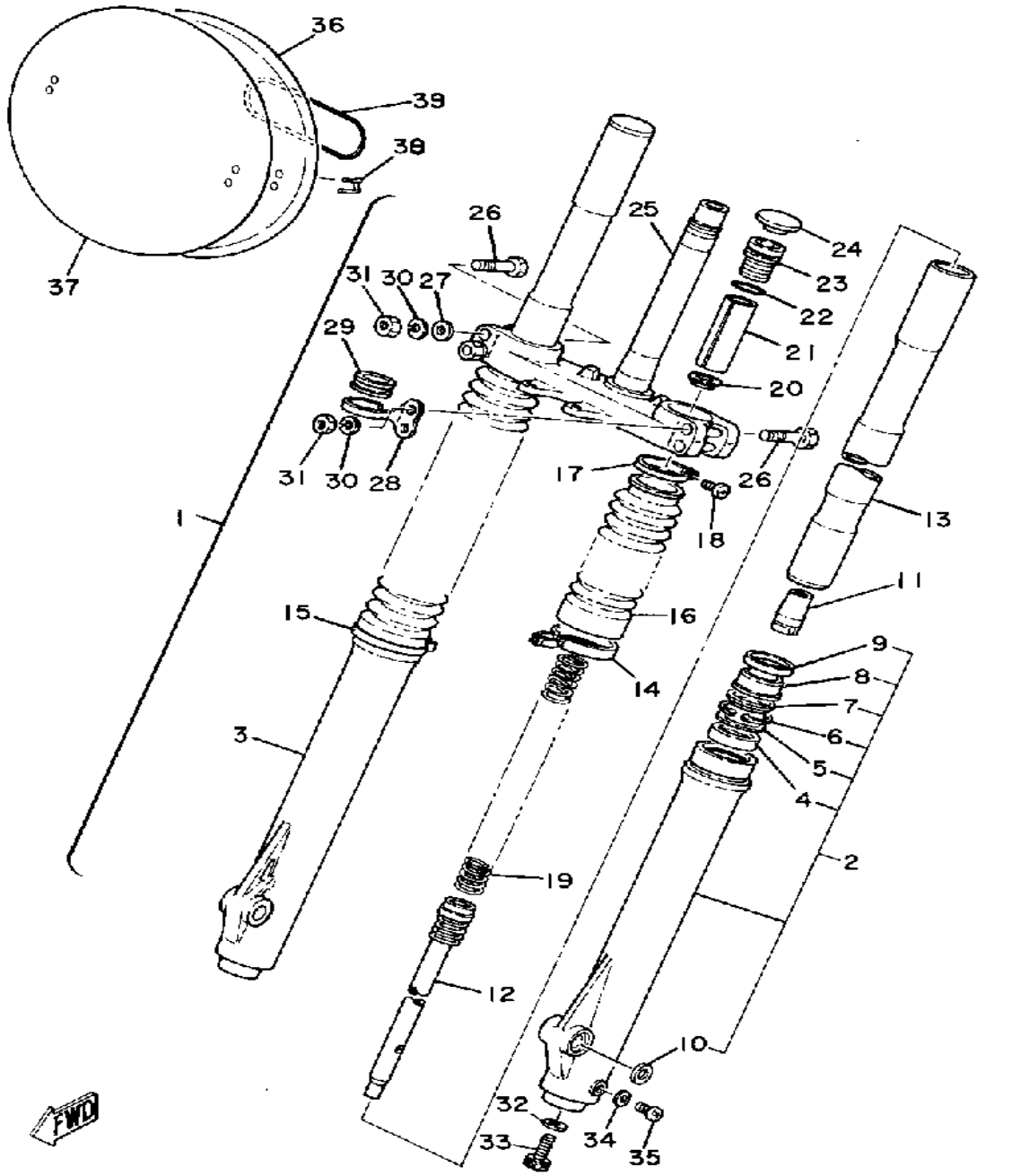




FWD

Ref. No.	Part Number	Description	Qty	Remarks
1	3H6-21511-00-00	FENDER, FRONT	1	NEW ELTRO ORNG
2	90480-14198-00	GROMMET	4	
3	90387-06388-00	COLLAR	4	
4	90201-06067-00	WASHER, PLATE	4	
5	92995-06100-00	WASHER, SPRING	4	
6	97021-06030-00	BOLT	4	
7	(1T1-21611-00-00)	FENDER, REAR	1	NEW ELTRO ORNG
8	97011-06016-00	BOLT	2	
9	92995-06100-00	WASHER, SPRING	2	
10	90201-06571-00	WASHER, PLATE	2	
11	98580-06018-00	SCREW, PAN HEAD	1	
12	90209-06087-00	WASHER, SPEC''L SHAP	1	
13	(322-21639-00-00)	DAMPER 2	1	
14	322-21541-00-00	DAMPER 1	1	
15	92995-06100-00	WASHER, SPRING	1	
16	95303-06800-00	NUT (CROWN)	1	
17	1T1-21620-00-00	GUARD, MUD	1	
18	583-21746-00-00	DAMPER	1	
19	90201-06067-00	WASHER, PLATE	3	
20	92995-06100-00	WASHER, SPRING	3	
21	97011-06016-00	BOLT	3	

SUSPENSION		
Front Forks:	Oil Type/Level/Qty.	20 wt. Fork Oil* / ϕ / 247cc
	Spring Length Std.	539.5

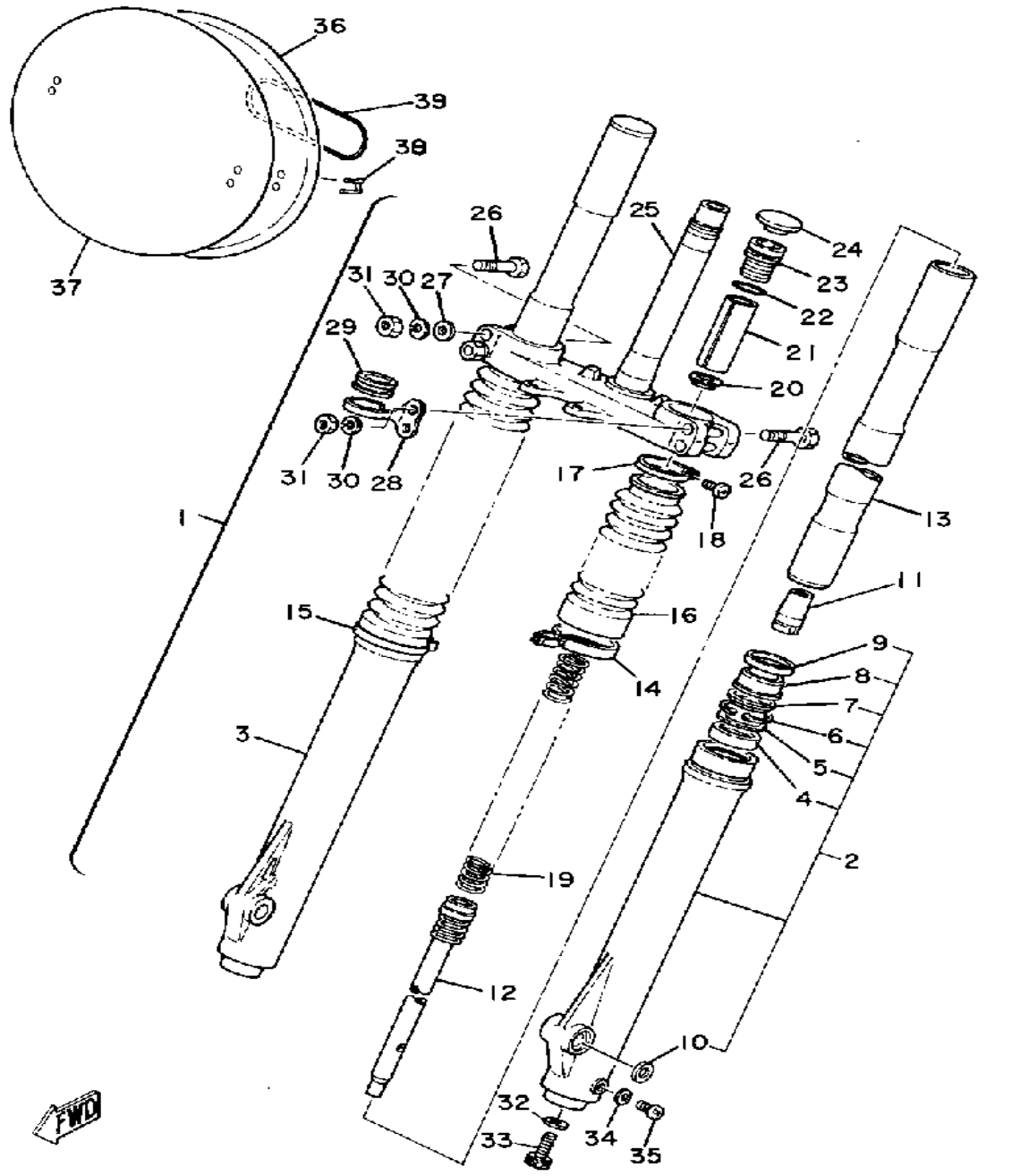


FRONT FORK

Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-23101-00-00)	FRONT FORK ASSEMBLY	1	
2	(2W6-23126-00-00)	TUBE, OUTER 1	1	
3	(2W6-23136-00-00)	TUBE, OUTER 2	1	
4	48Y-23145-00-00	. . OIL SEAL	2	
5	(509-23146-L0-00)	WASHER, OIL SEAL	2	
6	1W1-23156-L0-00	. . CLIP, OIL SEAL	2	
7	1W1-23153-L0-00	. . RING, SNAP	2	
8	1G8-23144-L1-00	. . SEAL, DUST	2	
9	99999-01510-00	. . COVER, DUST SEAL	2	
10	1W1-23168-L0-00	. . CAP, FRONT FORK	2	
11	(2Y0-23173-00-00)	SPINDLE, TAPER	2	
12	(2Y0-23170-00-00)	CYLINDER, FRTFRK	2	
13	(2Y0-23124-00-00)	TUBE, INNER 1	2	
14	1W1-23318-L0-00	. HOLDER, CABLE 1	1	
15	509-23489-L0-00	. BAND	1	
16	2N6-23191-00-00	. BOOT, FRONT FORK	2	
17	341-92090-60-00	. BAND, BOOT	2	
18	509-23194-L0-00	. SCREW, BOOT BAND	2	
19	(2Y0-23141-00-00)	SPRING, FRONT FORK	2	
20	583-23142-00-00	. SEAT, SPRING UPPER	2	
21	(1T2-23118-00-00)	SPACER	2	
22	240-23114-00-00	. GASKET	2	
23	1U6-23111-M1-00	. BOLT, CAP (1U6-23111-M0) ..	2	
24	1U6-23168-M1-00	. CAP, FRONT FORK	2	
25	(2Y0-23340-00-33)	UNDER BRACKET	1	YAMAHA BLACK
26	90101-08340-00	. BOLT	4	
27	92901-08600-00	. WASHER	2	
28	1W1-23317-01-00	. HOLDER, CABLE	1	
29	1W1-23389-00-00	. GUIDE, CABLE	1	

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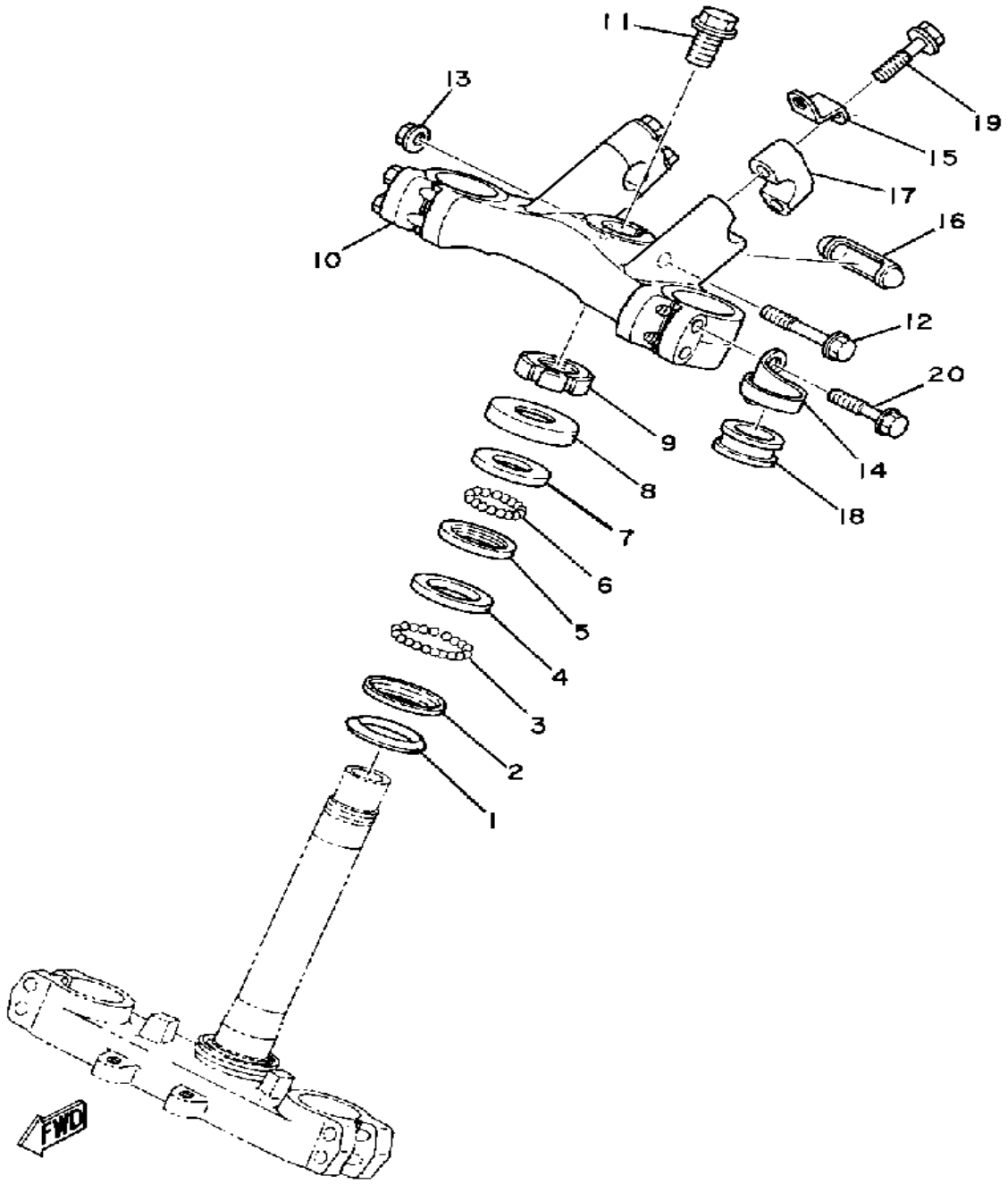
SUSPENSION		
Front Forks:	Oil Type/Level/Qty.	20 wt. Fork Oil* / ϕ / 247cc
	Spring Length Std.	539.5



FRONT FORK

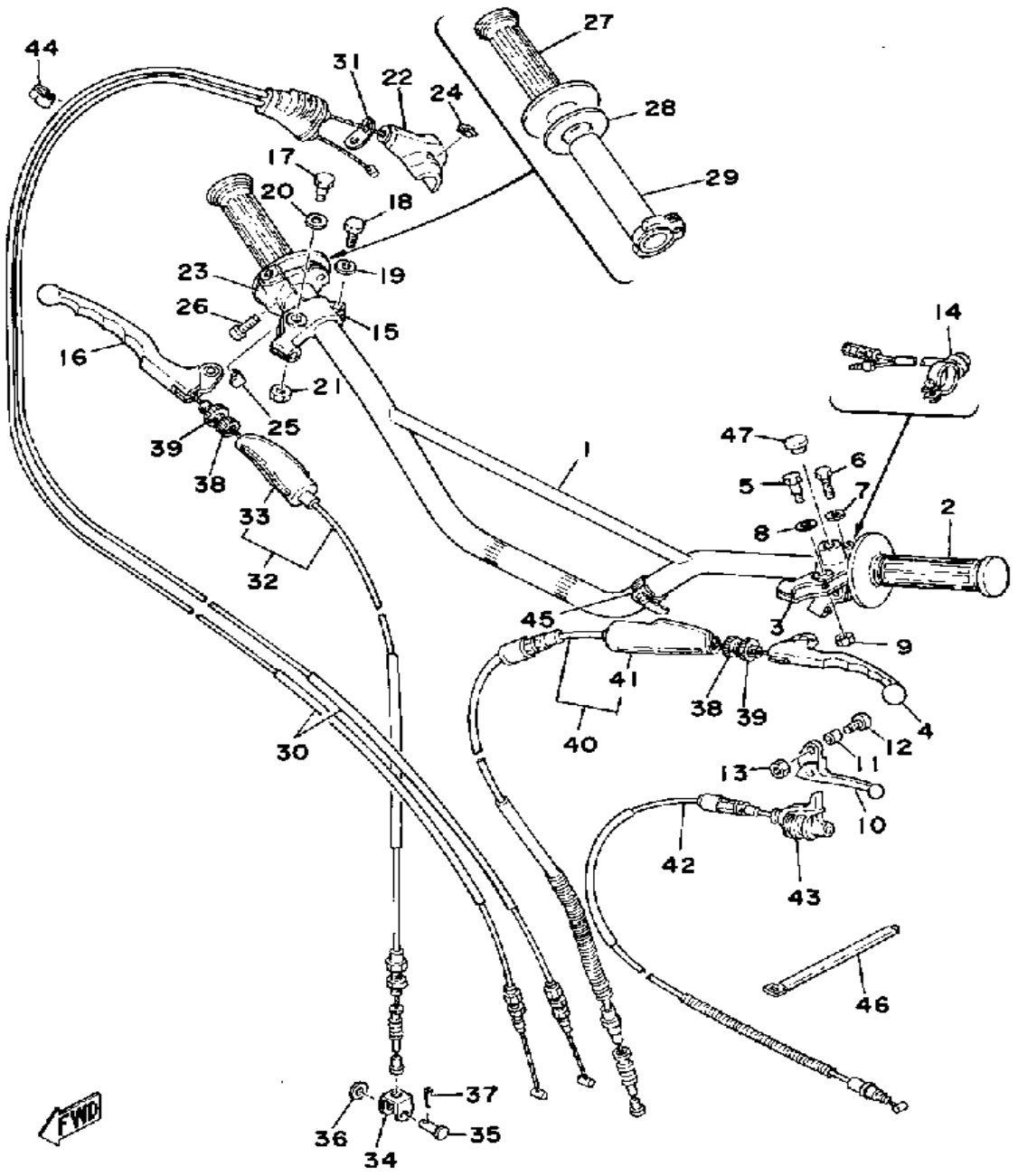
Ref. No.	Part Number	Description	Qty	Remarks
30	92990-08100-00	. WASHER	4	
31	95333-08600-00	. NUT	4	
32	509-23158-L0-00	. GASKET	2	
33	278-23181-50-00	. BOLT, HEXAGON SOCKET HEAD	2	
34	122-23129-00-00	. GASKET, DRAIN PLUG	2	
35	4H7-23119-00-00	. PLUG, DRAIN - (122-23119-01)	2	
	98580-04008-00	. SCREW, PAN HEAD	2	
36	583-23485-00-00	PLATE, NUMBER	1	
37	322-23395-00-00	EMBLEM	1	
38	431-23486-02-00	STAY, PLATE	2	
39	93210-69355-00	O-RING (3.0-69.0)	2	

STEERING



Ref. No.	Part Number	Description	Qty	Remarks
1	164-23462-00-00	SEAL, STEERING	1	
2	156-23411-00-00	RACE, BALL 1	1	
3	93501-04011-00	BALL	19	
4	156-23412-00-00	RACE, BALL 2	1	
5	22F-23412-01-00	RACE, BALL 2	1	
6	93503-16010-00	BALL	22	
7	22F-23411-01-00	RACE, BALL 1	1	
8	2Y0-23416-00-00	COVER, BALL RACE 2	1	
9	90179-25033-00	NUT	1	
10	5X3-23435-01-98	CROWN, HANDLE	1	LOW GLOSS BLK
11	90105-14136-00	BOLT, WASHER BASED	1	
12	95811-08055-00	BOLT, FLANGE	1	
13	95701-08500-00	NUT, FLANGE	1	
14	1W1-23317-01-00	HOLDER, CABLE	1	
15	1T2-23389-00-00	GUIDE, CABLE	1	
16	583-23469-00-00	CAP, BOLT	1	
17	1E6-23441-00-00	HOLDER, HANDLE UPR	2	LOW GLOSS BLK
18	1W1-23389-00-00	GUIDE, CABLE	1	
19	95811-08035-00	BOLT, FLANGE (95821-08035)	4	
20	90105-08091-00	BOLT, WASHER BASED	4	

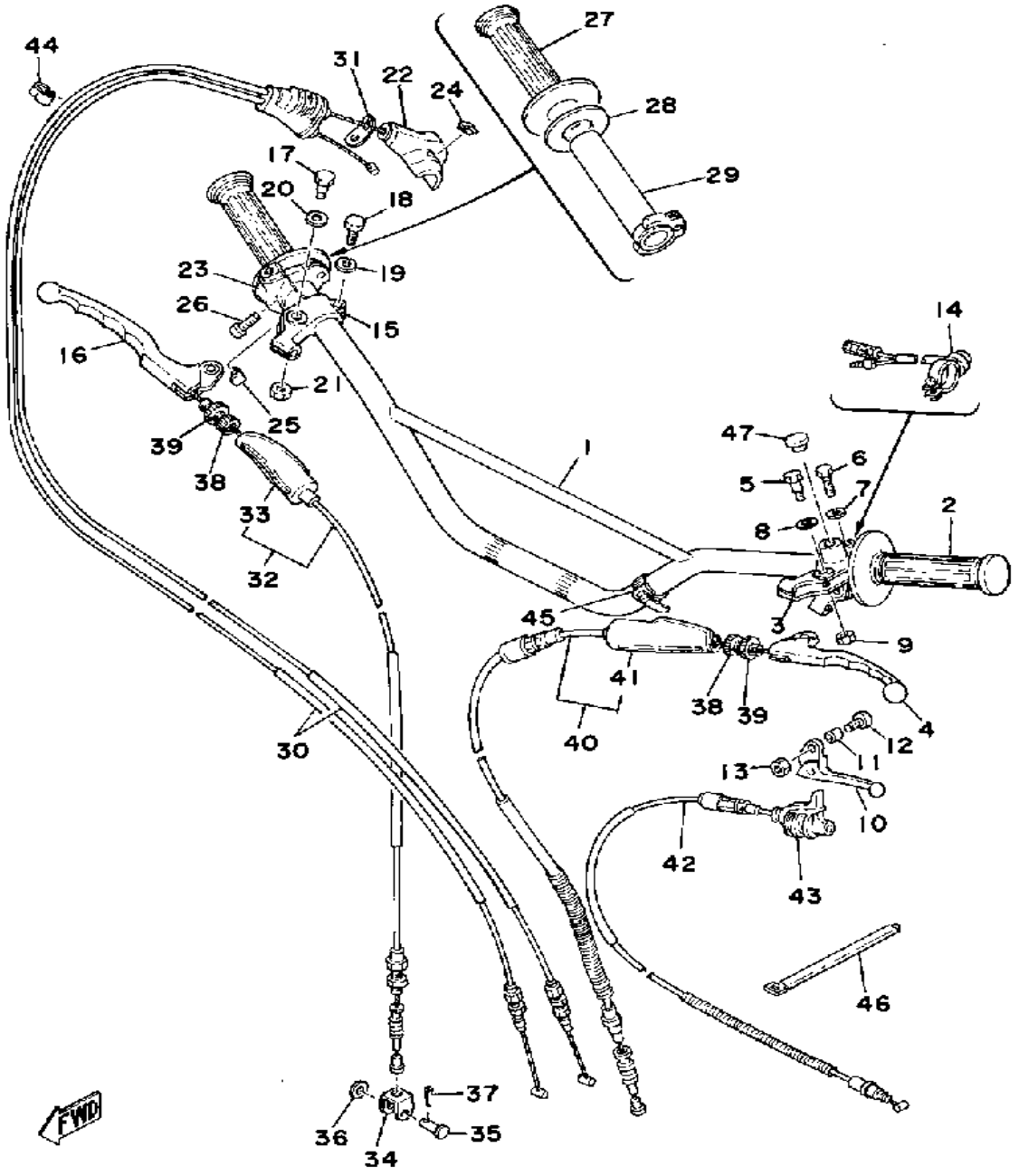
HANDLE - WIRE



Ref. No.	Part Number	Description	Qty	Remarks
1	2A8-26111-00-00	HANDLEBAR	1	
2	1E6-26241-00-00	GRIP LH	1	
3	583-82911-02-00	HOLDER, LEVER 1	1	
4	2H0-83912-30-00	LEVER L	1	LOW GLOSS BLK
5	90109-06797-00	BOLT	1	
6	97003-06022-00	BOLT, HEXAGON (97301-06022)	1	
7	92995-06100-00	WASHER, SPRING	1	
8	90201-08083-00	WASHER, PLATE	1	
9	95601-06100-00	NUT, U	1	
10	583-83981-00-00	LEVER, DECOMPRESSION	1	
11	583-83913-00-00	COLLAR, decompression lever	1	
12	98501-05018-00	SCREW, PAN HEAD	1	
13	95601-05100-00	NUT, U	1	
14	2Y0-83976-00-00	SWITCH, HANDLE 1	1	
15	233-82921-31-00	HOLDER, LEVER 2	1	
16	2H0-83922-30-00	LEVER R	1	LOW GLOSS BLK
17	90109-06797-00	BOLT	1	
18	97003-06022-00	BOLT, HEXAGON (97301-06022)	1	
19	92995-06100-00	WASHER, SPRING	1	
20	90201-08083-00	WASHER, PLATE	1	
21	95601-06100-00	NUT, U	1	
22	583-83986-00-00	CASE, SWITCH UPPER	1	
23	583-83987-00-00	CASE, SWITCH LOWER	1	
24	583-83956-00-00	CAP 1	1	
25	(583-83957-00-00)	CAP 2	1	
26	98501-05018-00	SCREW, PAN HEAD	2	
27	583-26242-00-00	GRIP RH	1	
28	1W1-26249-00-00	RING, leaf	1	
29	2H0-26243-00-00	TUBE, THRTL GUIDE	1	

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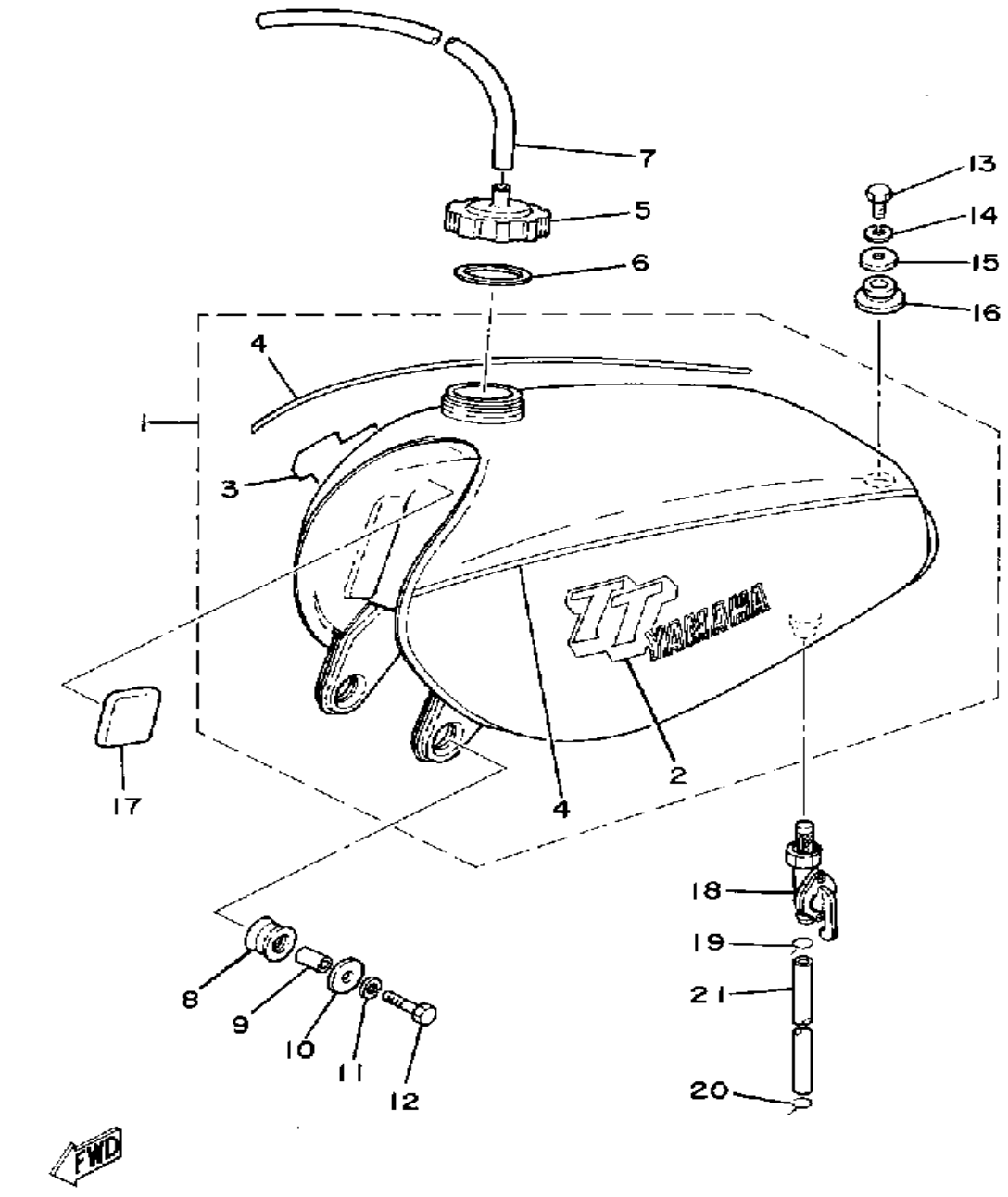
HANDLE - WIRE



Ref. No.	Part Number	Description	Qty	Remarks
30	583-26301-00-00	THROTTLE CABLE ASSEMBLY	1	
31	583-26398-00-00	WASHER	1	
32	1W1-26341-01-00	CABLE, BRAKE	1	
33	382-26372-01-00	. COVER, HANDLE LEVER	1	
34	156-26347-00-00	JOINT, CABLE	1	
35	90240-08013-00	PIN, CLEVIS	1	
36	90201-08083-00	WASHER, PLATE	1	
37	91490-20020-00	PIN, COTTER	1	
38	90123-08046-00	BOLT	2	
39	90179-08148-00	NUT	2	
40	583-26335-01-00	CABLE, CLUTCH (1100MM)	1	
41	382-26372-01-00	. COVER, HANDLE LEVER	1	
42	583-26331-00-00	CABLE, STARTER 1 (800MM) .	1	
43	583-26352-00-00	COVER, DECOMPRESSION CABLE	1	
44	90468-15009-00	CLIP	2	
45	437-83936-01-00	BAND, SWITCH CORD	2	
46	341-26397-01-00	BAND	1	
47	90338-09012-00	PLUG	1	

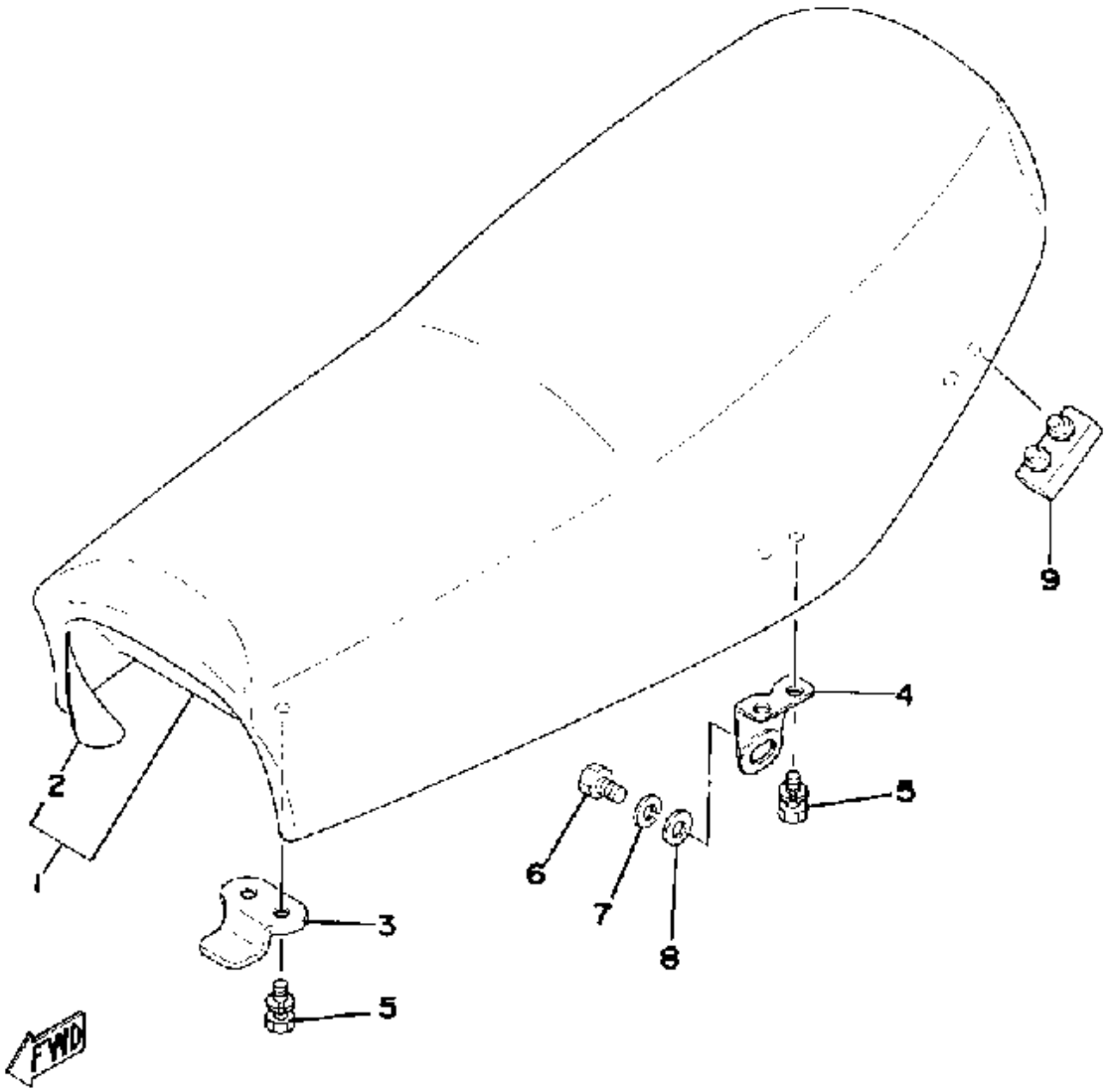
FUEL TANK

Basic Color(s)	New Eltro Orange
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 8.5 Lit. (2.2 Gal.) / N/A



Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-24110-00-01)	FUEL TANK	1	NEW ELTRO ORNG
2	(2Y0-24161-00-00)	EMBLEM 1	1	
3	(2Y0-24162-00-00)	EMBLEM 2	1	
4	1T1-24163-00-00	. EMBLEM 3	2	
5	2A6-24611-00-00	BODY, CAP	1	
6	1W1-24612-00-00	GASKET, CAP	1	
7	90445-09111-00	HOSE	1	
8	90480-22177-00	GROMMET	2	
9	90387-086N4-00	COLLAR	2	
10	90201-06073-00	WASHER, PLATE	2	
11	92995-06100-00	WASHER, SPRING	2	
12	97021-06030-00	BOLT	2	
13	97313-08018-00	BOLT, HEXAGON (97301-08016)	1	
14	92990-08100-00	WASHER	1	
15	90209-08150-00	WASHER, SPEC''L SHAP (90209-08097)	1	
16	90480-22054-00	GROMMET	1	
17	583-24182-00-00	DAMPER, LOCATING 2	2	
18	322-24500-02-00	FUEL COCK ASSEMBLY 1 (322-24500-00)	1	
19	90467-11102-00	CLIP, SCISSOR	1	
20	90467-10008-00	CLIP	1	
21	90445-11288-00	HOSE	1	

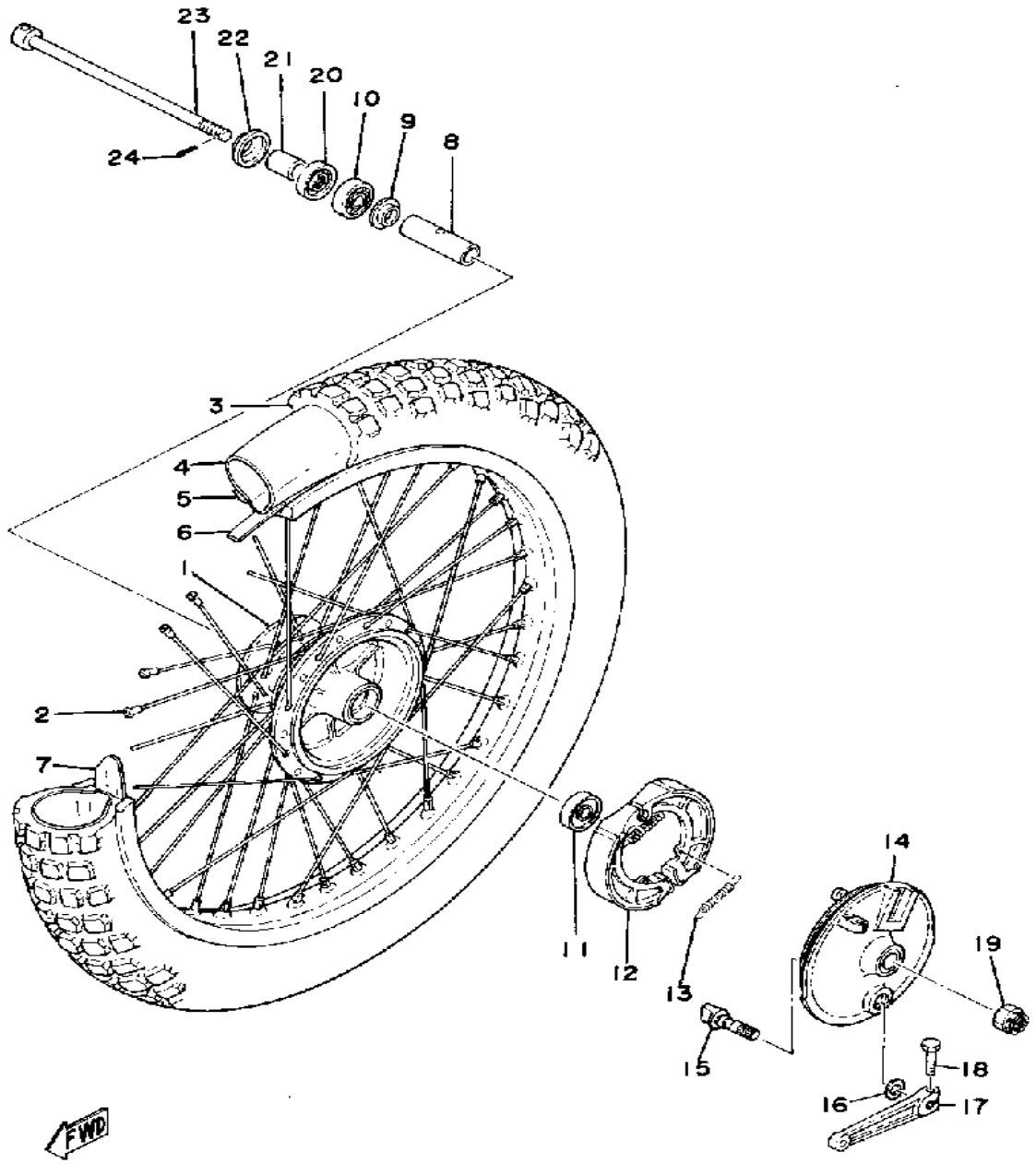
SEAT



Ref. No.	Part Number	Description	Qty	Remarks
1	(2Y0-24770-90-00)	SEMI-DBL SEAT ASSEMBLY . .	1	
2	2Y0-24731-00-00	. COVER, DOUBLE SEAT	1	
3	2Y0-24748-00-00	BRACKET, SEAT	1	
4	1T1-24738-00-00	BRACKET, SEAT	2	
5	90101-06304-00	BOLT	6	
6	97313-08016-00	BOLT, HEXAGON	2	
7	92990-08100-00	WASHER	2	
8	92901-08600-00	WASHER	2	
9	583-24724-00-00	DAMPER, SEAT	2	

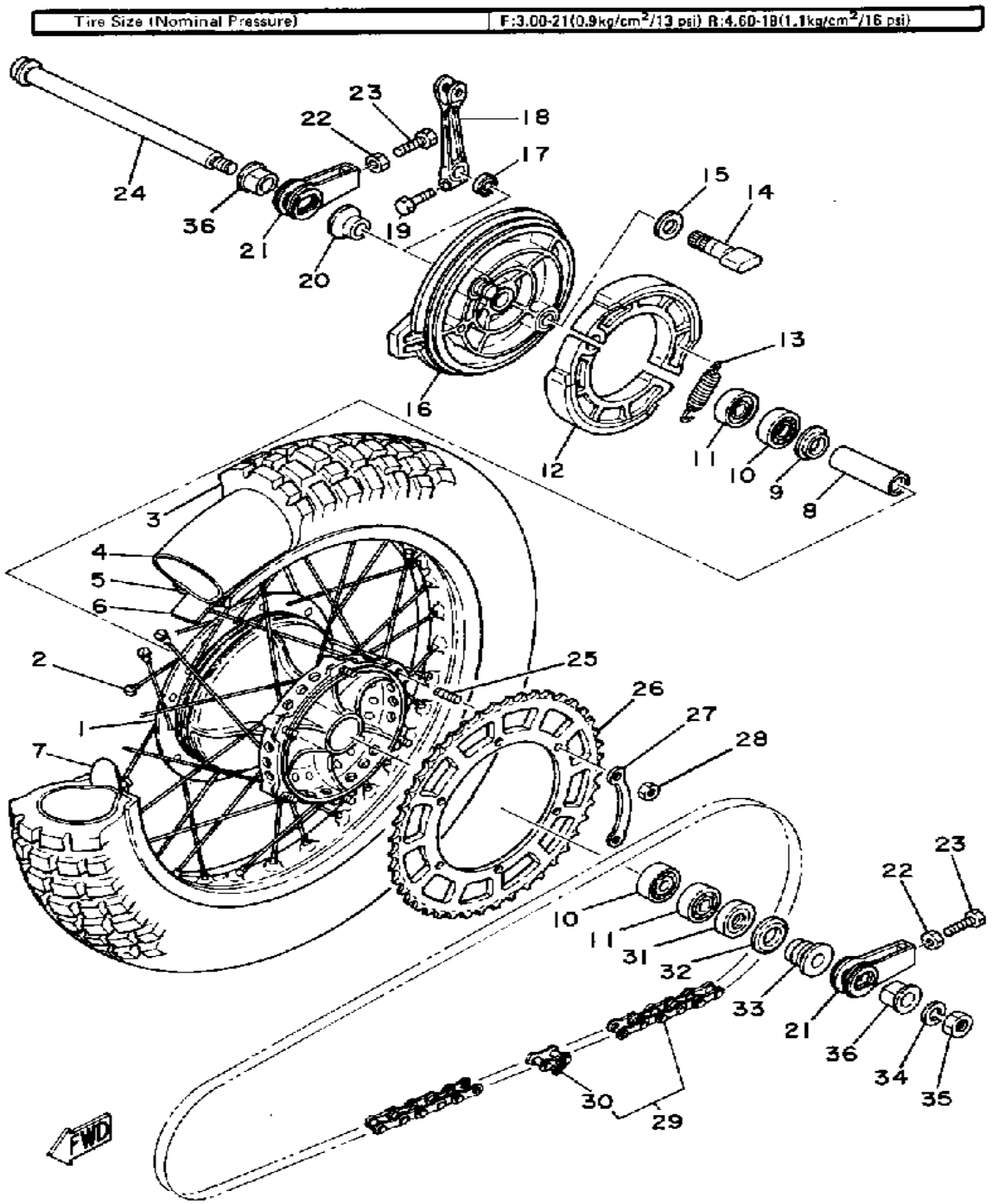
FRONT WHEEL

Tire Size (Nominal Pressure)	F:3.00-21(0.9kg/cm²/13 psi) R:4.60-18(1.1kg/cm²/16 psi)



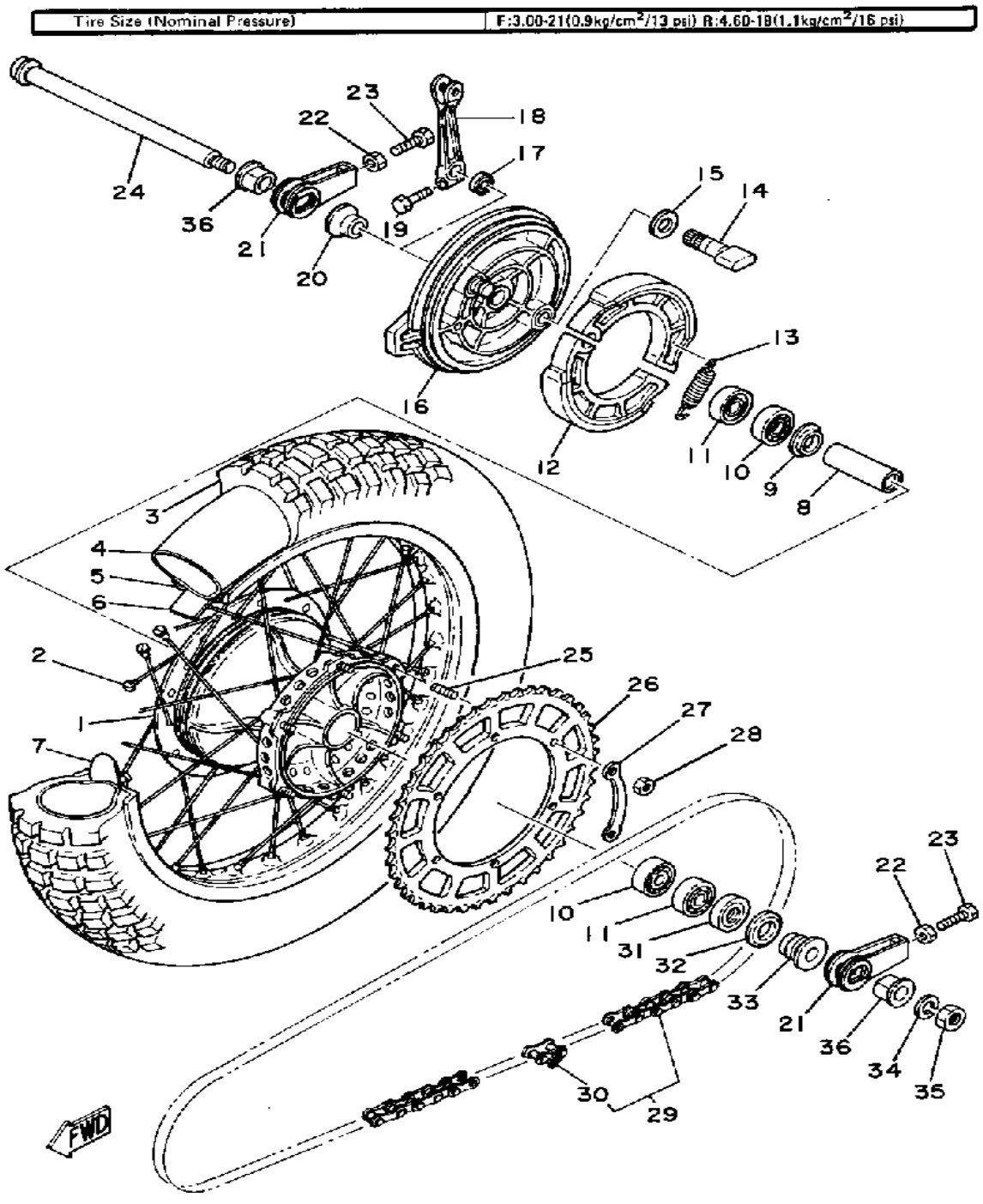
Ref. No.	Part Number	Description	Qty	Remarks
1	1K7-25111-10-98	HUB, FRONT	1	LOW GLOSS BLK
2	2W6-25104-02-00	SPOKE SET, FRONT	1	
3	(94130-21510-00)	300X21 DUN K1 0	1	
4	94227-21101-00	TUBE (80/100-21 TR4 BTL)	1	
5	94416-21326-00	RIM 1.60X 1	1	
6	94330-21084-00	BAND, RIM (3.00-21)	1	
7	1T1-25194-00-00	SPACER, BEAD	1	
8	90560-15116-00	SPACER	1	
9	146-25116-00-00	FLANGE, SPACER 2	1	
10	93306-20209-00	BEARING (B6202)	1	
11	93306-20226-00	BEARING	1	
12	322-W2535-00-00	BRAKESHOE SET-2PCS	2	
13	90506-17328-00	SPRING, TENSION	2	
14	1W1-25016-11-98	BRAKE SHOE PLT ASSEMBLY (1W1-25121-02-98)	1	LOW GLOSS BLK
15	23X-25151-00-00	CAMSHAFT	1	
16	137-25159-00-00	SEAL, CAMSHAFT	1	
17	322-25155-00-00	LEVER, CAMSHAFT 1	1	
18	90101-06291-00	BOLT	1	
19	90171-14020-00	NUT, CASTLE	1	
20	93102-20009-00	OIL SEAL	1	
21	90387-152J3-00	COLLAR	1	
22	322-25118-00-00	COVER, HUB DUST	1	
23	1W1-25181-01-00	AXLE, WHEEL	1	
24	91401-30030-00	PIN, COTTER	1	
2-1	(2W6-25179-90-00)	SPOKE SET, INNER 2	1	
	(2W6-25189-90-00)	SPOKE SET, OUTER 2	1	
	(2W6-25196-90-00)	SPOKE SET, INNER 1	1	
	(2W6-25197-90-00)	SPOKE SET, OUTER 1	1	

REAR WHEEL



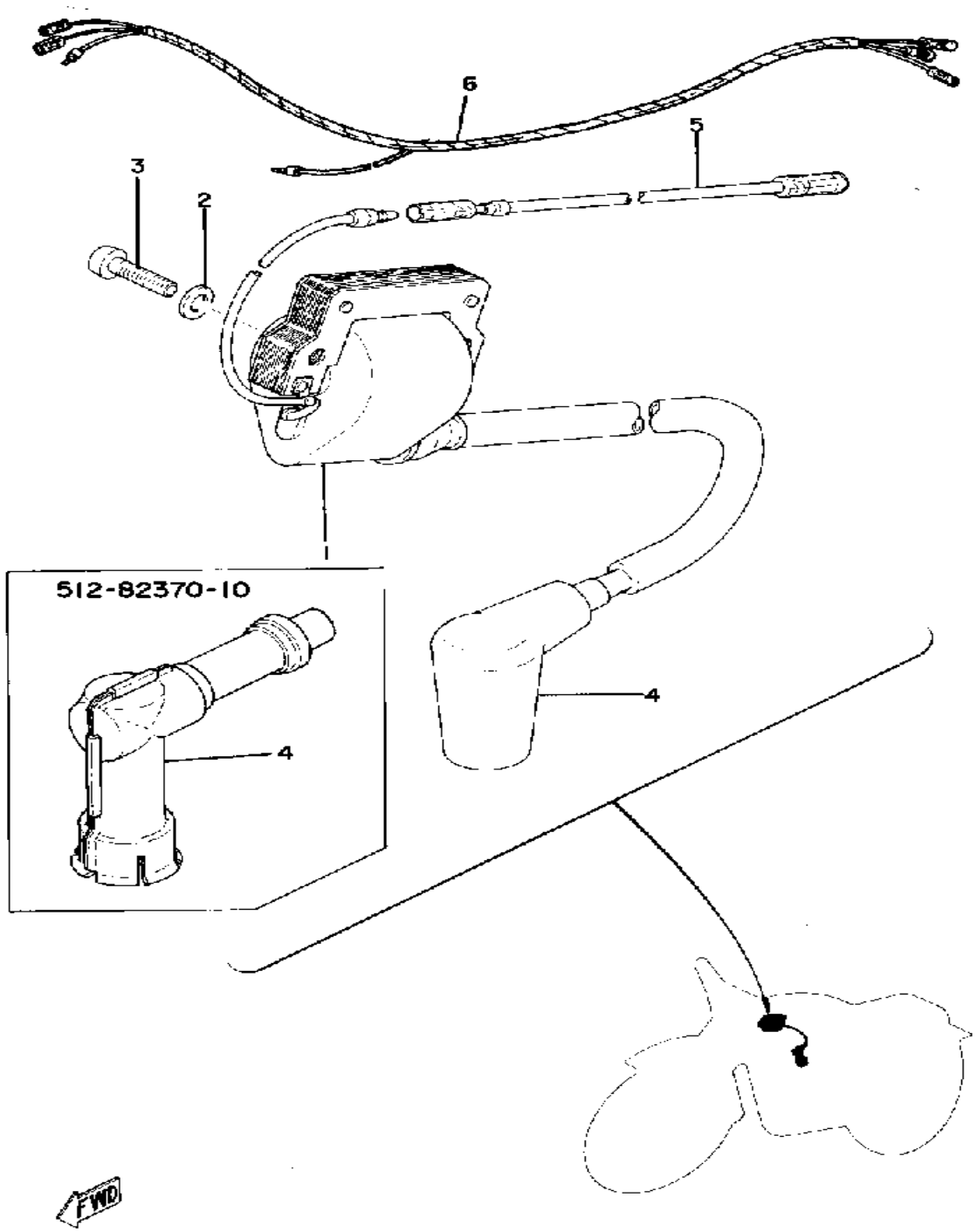
Ref. No.	Part Number	Description	Qty	Remarks
1	(483-25311-13-98)	HUB, REAR	1	LOW GLOSS BLK
2	431-25304-01-00	SPOKE SET, REAR (431-25304-00)	1	
3	(94146-18511-00)	DUN 460X18 K1 0	1	
4	94240-18098-00	TUBE (4.00-18)	1	
5	94421-18238-00	RIM 2.15X18 (94421-18151) (2.15-18)	1	
6	94340-18086-00	BAND, RIM (4.00-18)	1	
7	1T1-25394-01-00	SPACER, BEAD	2	
8	483-25317-01-00	SPACER, BEARING	1	
9	483-25315-00-00	FLANGE, SPACER	1	
10	93306-20310-00	BEARING	2	
11	93306-20310-00	BEARING	2	
12	1W4-W2536-00-00	BRAKESHOE SET-2PCS (1W4-25330-00)	2	
13	90507-20002-00	SPRING, TENSION	2	
14	1E6-25151-00-00	CAMSHAFT	1	
15	148-25353-00-00	SHIM, CAMSHAFT	1	
16	1W4-25321-00-98	PLATE, BRAKE SHOE	1	LOW GLOSS BLK
17	148-25359-00-00	SEAL, CAMSHAFT	1	
18	2Y0-25355-00-00	LEVER, CAMSHAFT	1	
19	90101-06291-00	BOLT	1	
20	(90387-17651-00)	COLLAR	1	
21	2K8-25388-00-00	PULLER, CHAIN 1	2	
22	95303-08700-00	NUT	2	
23	90101-08699-00	BOLT	2	
24	2K8-25381-00-00	AXLE, WHEEL	1	
25	90116-08218-00	BOLT, STUD	6	
26	(431-25448-04-XX)	SPROCKET, DRIVN 48T	1	
	(431-25452-04-XX)	SPROCKET, DRIVN 52T	1	

CONTINUED ON NEXT FRAME ➤



REAR WHEEL

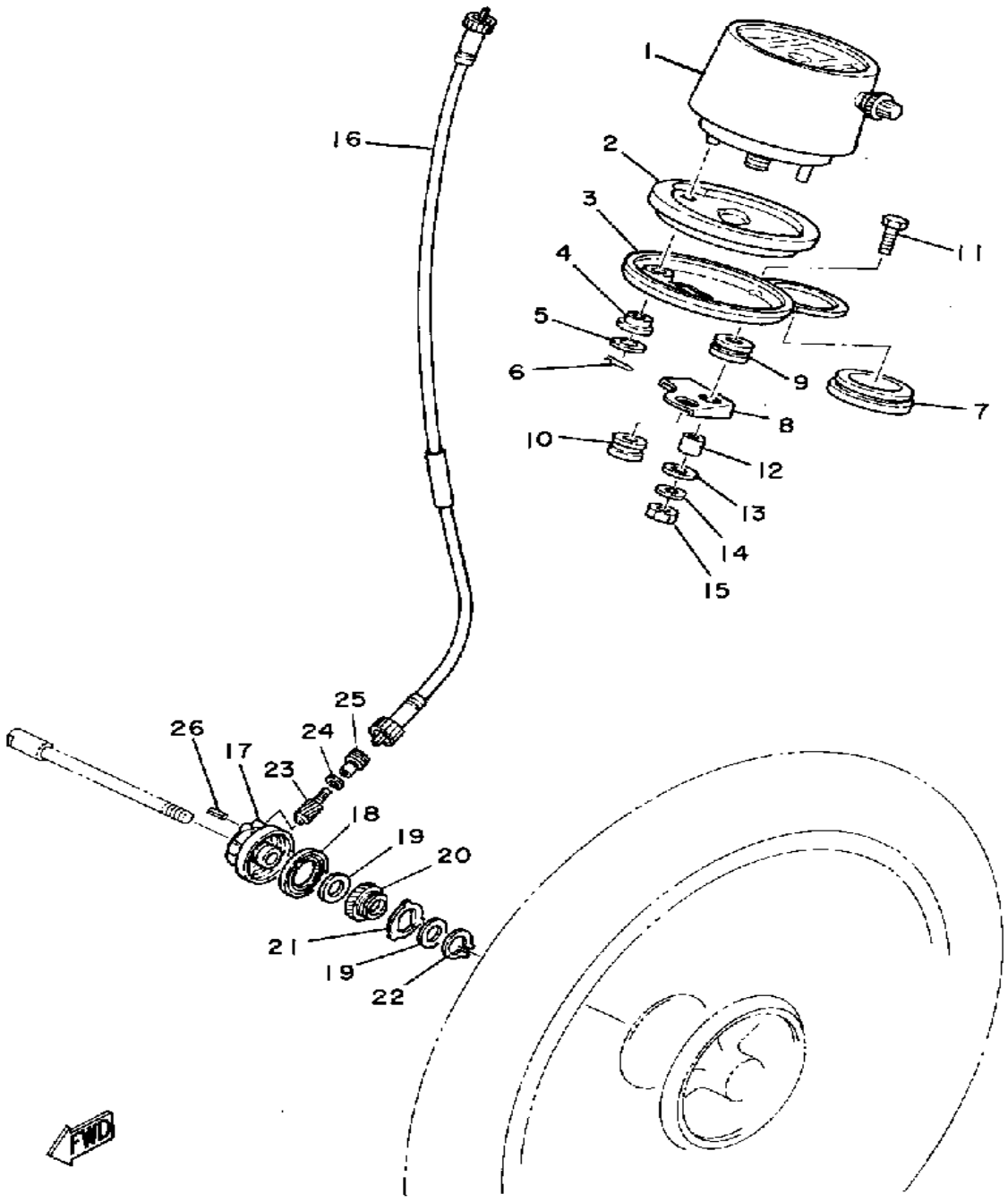
Ref. No.	Part Number	Description	Qty	Remarks
26	38W-25444-20-00	SPROCKET, DRIVN 44T	1	
	431-25450-04-XX	SPROCKET, DRIVN 50TSPROCKET WHEEL (50T) .	1	
	431-25454-04-XX	SPROCKET, DRIVN 54TSPROCKET WHEEL (54T) .	1	
	583-25440-10-00	SPROCKET, DRIVN 40T	1	
	583-25442-10-00	SPROCKET, DRIVN 42T	1	
	583-25446-10-00	SPROCKET, DRIVN 46T	1	
	583-25448-10-00	SPROCKET, DRIVN 48T (48T) .	1	
	583-25450-10-00	SPROCKET, DRIVN 50T (50T) .	1	STD
	583-25452-10-00	SPROCKET, DRIVN 52T (52T) .	1	
	583-25454-10-00	SPROCKET, DRIVN 54T (54T) .	1	
27	583-25412-00-00	WASHER	3	
28	90170-08193-00	NUT, HEXAGON	6	
29	94585-20105-00	520DS-104L (94515-20105)	1	
30	94685-20011-00	. JOINT CHAIN	1	
31	93102-25061-00	OIL SEAL, SD-TYPE	1	
32	431-25367-00-00	COVER, HUB DUST	1	
33	90387-17650-00	COLLAR	1	
34	92901-16100-00	WASHER, SPRING	1	
35	90170-16177-00	NUT, HEXAGON	1	
36	90381-17027-00	BUSH, SOLID	2	
2-1	(431-25391-90-00)	SPOKE SET, INNER 1	1	
	(431-25392-90-00)	SPOKE SET, OUTER 1	1	
	(431-25396-90-00)	SPOKE SET, INNER 2	1	



ELECTRICAL

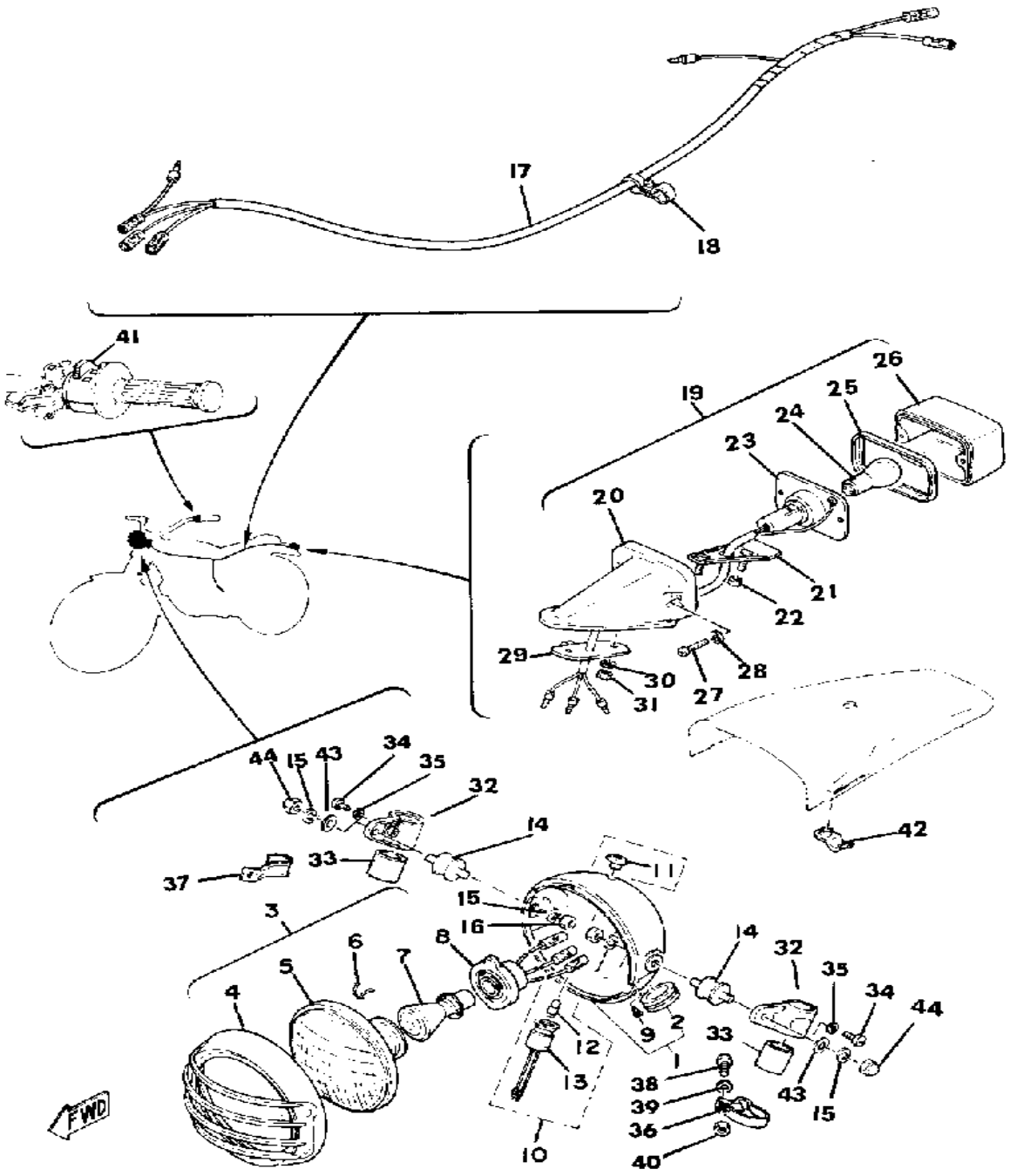
Ref. No.	Part Number	Description	Qty	Remarks
1	583-82310-50-00	IGNITION COIL ASSEMBLY . . .	1	
2	92901-06600-00	WASHER	2	
3	98580-06020-00	SCREW	2	
4	512-82370-10-00	PLUG CAP ASSEMBLY	1	
	56J-82370-00-00	PLUG CAP ASSEMBLY	1	
5	(583-82521-00-00)	WIRE, LEAD	1	
6	2Y0-82590-00-00	WIRE HARNESS ASSEMBLY . .	1	

SPEEDOMETER - METER GEAR



Ref. No.	Part Number	Description	Qty	Remarks
1	(1K7-83510-10-00)	SPEEDOMETER ASSEMBLY ..	1	KM/H
	(1K7-83510-30-00)	SPEEDOMETER ASSEMBLY ..	1	MILE/H
2	(1K7-83513-00-00)	DAMPER	1	
3	(1K7-83519-01-00)	BRACKET, METER	1	
4	1M1-83526-00-00	DAMPER 2	2	
5	90201-052E2-00	WASHER, PLATE	2	
6	(ACC-01100-34-00)	TT500D SPEEDOKIT	1	
	90468-10050-00	CLIP	2	
7	(1K7-83592-00-00)	DAMPER	1	
8	90480-14052-00	GROMMET	1	
9	90480-14052-00	GROMMET	1	
10	90480-14052-00	GROMMET	1	
11	97011-06020-00	BOLT	1	
12	90387-06216-00	COLLAR	1	
13	90201-06067-00	WASHER, PLATE	1	
14	92995-06100-00	WASHER, SPRING	1	
15	95380-06600-00	NUT	1	
16	34X-83550-01-00	SPEEDOMETER CABLE ASSEMBLY	1	
17	1W2-25190-00-00	GEAR UNIT ASSEMBLY	1	
18	93106-40027-00	OIL SEAL	1	
19	90201-22283-00	WASHER, PLATE	2	
20	1W2-25135-00-00	GEAR, DRIVE	1	
21	1K7-25149-00-00	CLUTCH, METER	1	
22	93410-22014-00	CIRCLIP, S-TYPE	1	
23	1W2-25138-00-00	GEAR, METER	1	
24	102-18416-00-00	SHIM, ROD	1	
25	306-25136-00-00	BUSH	1	
26	91609-20014-00	PIN, SPRING	1	

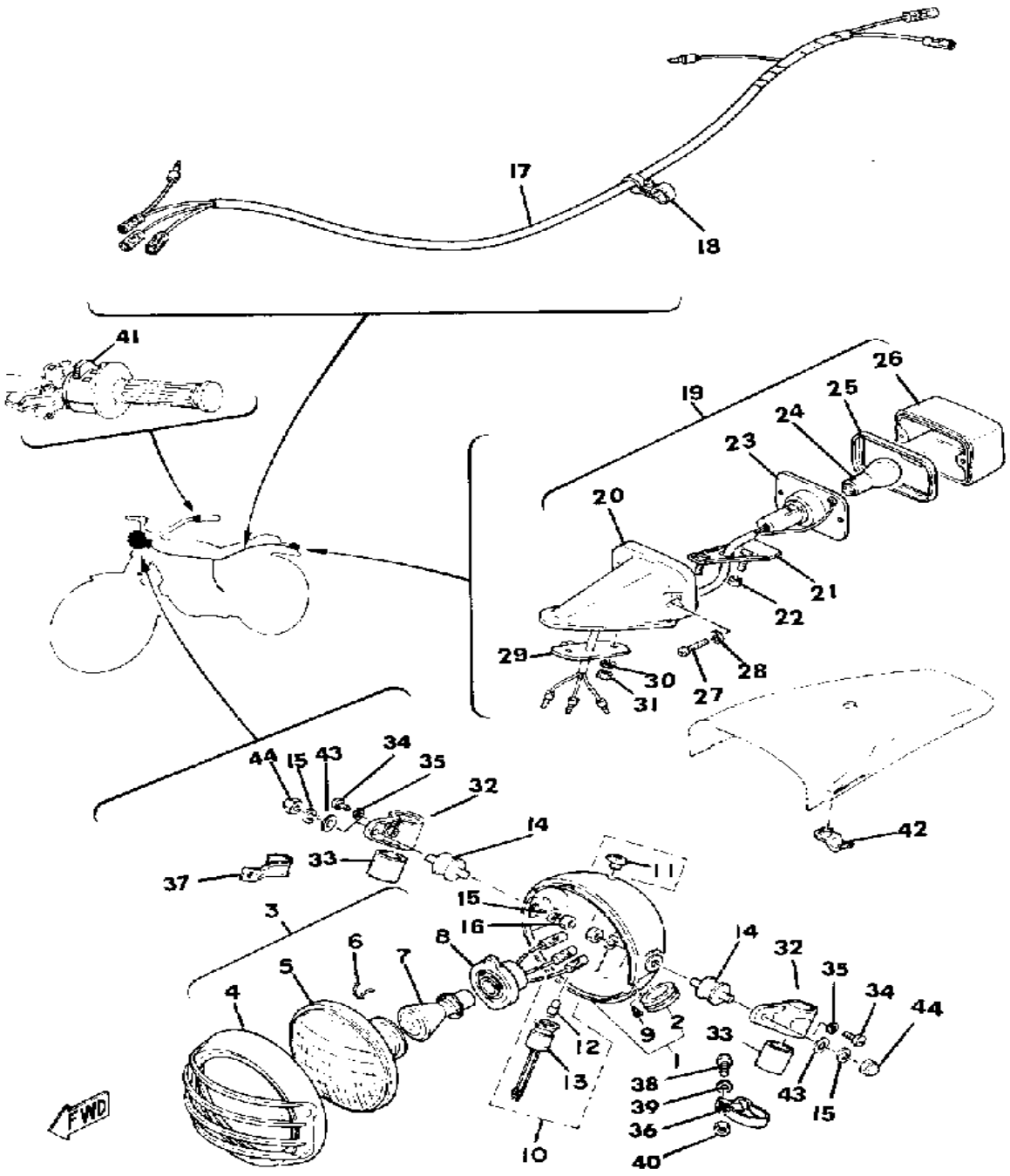
LIGHTING PARTS (HEAD LAMP - TAIL LAMP A



Ref. No.	Part Number	Description	Qty	Remarks
1	539-84130-00-36	BODY ASSEMBLY, HEADLIGHT	1	
2	150-84153-00-00	. GROMMET, WRHRNES	1	
4	493-84115-60-00	. RIM, HEADLIGHT	1	
5	434-84120-60-00	. LENS ASSEMBLY	1	
6	195-84324-00-00	. SPRING, REFLECTOR	3	
7	214-84114-60-00	. BULB, HL6V35/35W	1	
8	214-84112-61-00	. SOCKET	1	
9	90152-05005-00	SCREW, COUNTERSUNK	1	
10	214-84101-61-00	PILOT LIGHT ASSEMBLY	1	
11	256-84357-61-00	. BODY, PILOT LIGHT	1	
12	104-83517-10-00	. BULB (6V-1.5W)	1	
13	214-84150-61-00	. SOCKET CORD ASSEMBLY 2	1	
14	(1K7-84137-60-00)	BOLT, SPECIAL	2	
15	92990-08100-00	WASHER	4	
16	95333-08600-00	NUT	2	
17	2Y0-82590-00-00	WIRE HARNESS ASSEMBLY	1	
18	(583-90274-00-00)	CLAMP KIT	1	
19	434-84500-64-00	TAILLIGHT ASSEMBLY	1	
20	434-84519-64-00	. BRACKET, TAILLIGHT	1	
21	434-84500-64-00	. TAILLIGHT ASSEMBLY	1	
22	(434-84557-60-00)	COLLAR	2	
23	434-84517-61-00	. CORD, TAILLIGHT	1	
24	122-84514-30-00	. BULB	1	
25	434-84515-61-00	. RIM, TAILLIGHT	1	
26	(ACC-01100-31-00)	LIGHTING KIT TT5 0	1	
	434-84521-69-00	. LENS, TAILLIGHT	1	
27	434-84524-61-00	. SCREW, LENS FITTING	2	
28	434-84522-62-00	. WASHER	2	
29	(434-84525-01-00)	WASHER, SPECIAL	1	

CONTINUED ON NEXT FRAME ➤

LIGHTING PARTS (HEAD LAMP - TAIL LAMP A



Ref. No.	Part Number	Description	Qty	Remarks
30	92990-05100-00	WASHER, SPRING	1	
31	95380-05600-00	NUT	2	
32	(1K7-84118-60-33)	STAY, HEADLIGHT 1	2	
33	(434-23163-00-00)	GASKET	2	
34	98580-06018-00	SCREW, PAN HEAD	2	
35	92995-06100-00	WASHER, SPRING	2	
36	1W2-23318-00-00	HOLDER, CABLE 1	1	
37	(90462-08024-00)	CLAMP	1	
38	98501-05018-00	SCREW, PAN HEAD	1	
39	92901-05600-00	WASHER, PLATE	1	
40	95380-05600-00	NUT	1	
41	(1T1-83973-00-00)	SWITCH, HANDLE 3	1	
42	(90462-08036-00)	CLAMP	1	
43	92901-08600-00	WASHER	2	
44	95303-08800-00	NUT (CROWN) (95301-08800)	2	

GASKET KIT

Ref. No.	Part Number	Description	Qty	Remarks
44	2H0-00002-00-0	UNAVAILABLE IN PRICE BOOK	1	
	2J2-11181-09-00	. GASKET, CYLINDER HEAD 1	1	
	341-12119-02-00	. SEAL, VALVE STEM	2	
	3HT-15451-00-00	. GASKET, CRCS COVER	1	
	3HT-15462-00-00	. GASKET, CRCS CVR 3	1	
	583-11351-00-00	. GASKET, CYLINDER	1	
	583-13414-00-00	. GASKET, STRNR COVER . . .	1	
	583-15457-00-00	. GASKET	1	
	583-15466-00-00	. GASKET 2	1	
	90201-08087-00	. WASHER, PLATE	4	
	90430-09121-00	. GASKET	1	
	90430-38054-00	. GASKET	1	
	93210-07438-00	. O-RING	1	
	93210-10197-00	. O-RING	1	
	93210-15171-00	. O-RING	1	
	93210-22298-00	. O-RING	1	
	93210-49296-00	. O-RING	2	
	93210-64297-00	. O-RING	1	
	93210-92295-00	. O-RING	1	

MOTORCYCLE
M79-004

TT500F
1979 SERVICE DATA

MODEL — IBM I.D. NUMBER	TT500F 2Y0
Initial Engine Number/Frame Number	1T1-200101 / 1T1-200101
Basic Color(s)	New Eltro Orange
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 8.5 Lit. (2.2 Gal.) / N/A
Dry Vehicle Weight	123 kg (271 lbs.)
ENGINE TYPE	4-Stroke, Air-Cooled, SOHC
Bore/Stroke/Number Cylingers/Displacement (cc)	87mm / 84mm / 1 / 499cc
Compression Ratio/Compression Pressure min~max	9.0:1 / ϕ
Piston Skirt Clearance new/max.	0.050 ~ 0.055mm / 0.1mm
Ring End Gap Top/2nd/3rd	0.3 ~ 0.5mm / 0.3 ~ 0.5mm / 0.2 ~ 0.9mm
Valve Clearance (cold) Intake/Exhaust	0.07 ~ 0.12 / 0.12 ~ 0.17
Oil Pressure Hot/rpm	ϕ
Oiling System	Dry Sump
Capacity: Dry	2400cc
Oil and Filter Change	2100cc
Oil Change	2000cc
Lubricant: Temp above 5°C (40°F)	Yamalube 4* or SAE 20W40 SE
Below 15°C (60°F)	SAE 10W30 SE
AUTOLUBE — Min. Stroke/Color Code	ϕ
Minimum Output @ 200 cycles	ϕ
Maximum Output @ 200 cycles	ϕ
CARBURETOR — Mfr./Type/I.D. Number	Mikuni / VM34SS / 2Y0-00
Main Jet/Pilot Jet	210 / 30
Needle Jet/Jet Needle-Clip Position	Q-Z / 6H2-4
Slide Cutaway or Throttle Valve	4.0
Float Level	22.0 ± 1.0mm
Idle rpm	ϕ
CO % @ Idle (Diagnostic Use Only)	ϕ
SUSPENSION	
Front Forks: Oil Type/Level/Qty.	20 wt. Fork Oil* / ϕ / 247cc
Gas Pressure	ϕ
Spring Length Std.	539.5
Monoshock: Oil Type/Qty.	ϕ
Gas Pressure	ϕ
Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm
Tire Size (Nominal Pressure)	F:3.00-21(0.9kg/cm²/13 psi) R:4.60-18(1.1kg/cm²/16 psi)
TRANSMISSION — Oil Type/Qty Chg/Qty Reassemble	See ENGINE above
Primary Drive Type/Teeth/Ratio	Spur Gear / 77-30 / 2.566
Secondary Drive Type/Teeth/Chain	Chain / 50-15 / 520T-104L
Clutch Friction Plate Thickness Std ~ Min.	2.8 ~ 2.5mm
Clutch Spring Length Std ~ Min.	41.2 ~ 40.0mm
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

CHARGING SYSTEM	Flywheel Magneto
Battery: Model / Spec. Grav. / Chg. Rate	ϕ
Maximum Output	ϕ
TROUBLESHOOTING	
Field Coil Color Code / Ω	ϕ
Charge Coil Color Code / Ω	ϕ
IGNITION SYSTEM	Flywheel Magneto - External Rotor
Ignition Timing	7° Mark
	Std: 7° @ 1200 rpm Adv: 27° @ 3000 rpm
Spark Plug Type	NGK BP-7ES
Spark Plug Gap / Torque / Cap Ω	0.7 ~ 0.8mm / 2.3 m-kg / 5K Ω ± 10%
Point Gap / Condenser Capacitance	0.35 ± 0.05mm / 0.22 μF +10 −15 %
TROUBLESHOOTING	
Ignition Coil Test Gap/Primary M/Secondary M	6mm / 0.75 Ω ± 10% / 5.7K Ω ± 20%
Pulse Coil or Pick-up Coil Color Code / Ω	ϕ
Source Coil Color Code / Ω	Blk ~ Gnd / 2.21 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	ϕ
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Red-Yel / 0.34 Ω ± 10%
TORQUE VALUES	
Front Axle Nut	14 x 1.5: 8.5 m-kg
Front Axle Holder Nut	8 x 1.25: 1.9 m-kg
Rear Axle Nut	16 x 1.5: 7.8 m-kg
Rear Axle Pinch Bolt	ϕ
Clutch Nut	18 x 1.0: 6.0 m-kg
Drain Plug	14 x 1.5: 3.0 m-kg
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	Stud Bolt 10 x 1.25: 1.8 m-kg Nut 10 x 1.25: 3.8 m-kg
	Bolt 6 x 1.0: 1.0 m-kg
Engine Mounting Bolts: Front, Upper	10 x 1.25: 4.8 m-kg
Front, Lower	10 x 1.25: 4.8 m-kg
Rear, Upper	10 x 1.25: 4.8 m-kg
Rear, Lower	10 x 1.25: 4.8 m-kg
Lower	8 x 1.25: 2.5 m-kg

ϕ Does Not Apply to This Model

* Available From Yamaha Parts Distributors, Inc.

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©YAMAHA MOTOR CORPORATION, U. S. A., BUENA PARK, CALIFORNIA

CHARGING SYSTEM	Flywheel Magneto
Battery: Model / Spec. Grav. / Chg. Rate	ϕ
Maximum Output	ϕ
TROUBLESHOOTING	
Field Coil Color Code / Ω	ϕ
Charge Coil Color Code / Ω	ϕ
IGNITION SYSTEM	Flywheel Magneto - External Rotor
Ignition Timing	7° Mark
	Std: 7° @ 1200 rpm Adv: 27° @ 3000 rpm
Spark Plug Type	NGK BP-7ES
Spark Plug Gap / Torque / Cap Ω	0.7 ~ 0.8mm / 2.3 m-kg / 5K Ω ± 10%
Point Gap / Condenser Capacitance	0.35 ± 0.05mm / 0.22 μF $^{+}_{-}{}^{10}_{15}$ %
TROUBLESHOOTING	
Ignition Coil Test Gap/Primary M/Secondary M	6mm / 0.75 Ω ± 10% / 5.7K Ω ± 20%
Pulse Coil or Pick-up Coil Color Code / Ω	ϕ
Source Coil Color Code / Ω	Blk ~ Gnd / 2.21 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	ϕ
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Red-Yel / 0.34 Ω ± 10%
TORQUE VALUES	
Front Axle Nut	14 x 1.5: 8.5 m-kg
Front Axle Holder Nut	8 x 1.25: 1.9 m-kg
Rear Axle Nut	16 x 1.5: 7.8 m-kg
Rear Axle Pinch Bolt	ϕ
Clutch Nut	18 x 1.0: 6.0 m-kg
Drain Plug	14 x 1.5: 3.0 m-kg
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	Stud Bolt 10 x 1.25: 1.8 m-kg Nut 10 x 1.25: 3.8 m-kg
	Bolt 6 x 1.0: 1.0 m-kg
Engine Mounting Bolts: Front, Upper	10 x 1.25: 4.8 m-kg
Front, Lower	10 x 1.25: 4.8 m-kg
Rear, Upper	10 x 1.25: 4.8 m-kg
Rear, Lower	10 x 1.25: 4.8 m-kg
Lower	8 x 1.25: 2.5 m-kg

ϕ Does Not Apply to This Model

* Available From Yamaha Parts Distributors, Inc.