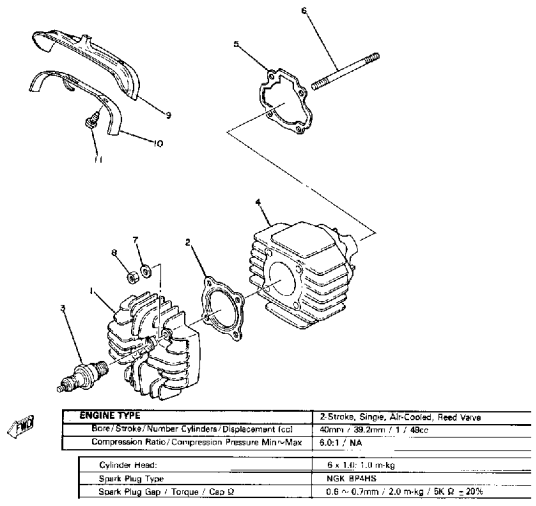
YAMAHA

GENUINE

PARTS CATALOGUE

MOTORCYCLE

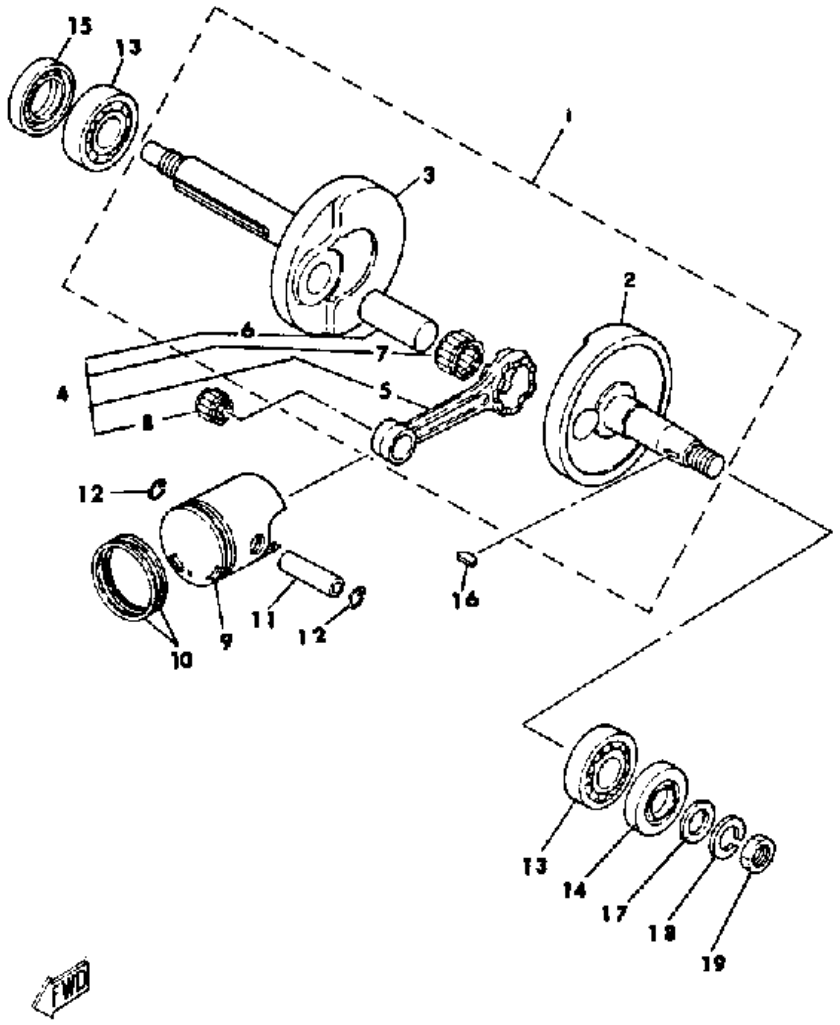
A1



CYLINDER

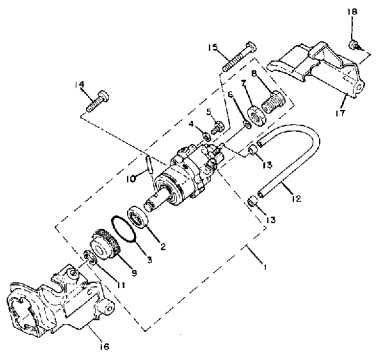
Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-11111-00-00	HEAD, CYLINDER 1	1	
2	517-11181-00-00	GASKET, CYLINDER HEAD 1 .	1	
3	NGK-BP4HS-00-00	PLUG, SPARK (NGK BP4HS) . .	1	U.R.
4	4J2-11311-00-00	CYLINDER 1	1	
5	3PT-11351-00-00	GASKET, CYLINDER	1	
6	90116-06269-00	BOLT, STUD	4	
7	90201-06643-00	WASHER, PLATE	4	
8	95303-06800-00	NUT (CROWN)	4	
9	4J2-11191-00-00	NO LONGER AVAILABLE	1	
10	4J2-11192-00-00	COVER, CYLINDER.HEAD 2 . .	1	
11	90159-05088-00	SCREW, W/WASHER	2	

CRANKSHAFT - PISTON



Piston Skirt Clearance New / Max	0.035 ~ 0.047mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / ø

Ref. No.	Part Number	Description	Qty	Remarks
1	(4J2-11400-00-00)	CRANKSHAFT ASSEMBLY ...	1	ASSEMBLY
2	(3L7-11412-00-00)	CRANK 1	1	
3	(4J2-11422-00-00)	CRANK 2	1	
4	2E9-11650-00-00	. CONNECTING ROD ASSEMBLYASSY	1	ASSEMBLY
5	2E9-11651-00-00	. ROD, CONNECTING	1	
6	1YU-11681-00-00	. . PIN, CRANK 1	1	
7	93310-416N7-00	. . BEARING	1	
8	93310-210M0-00	BEARING, CYLINDRICAL	1	
9	4J2-11631-00-A0	3L5-11631-00- 0	1	
	4J2-11635-00-00	PISTON 1 O/S 0. 5	1	
	4J2-11636-00-00	PISTON 2 O/S 0. 0	1	
10	260-11601-03-00	PISTON RING SET (STD)	1	
	260-11601-13-00	PISTON RING SET (0.25MM O/S)	1	
	260-11601-23-00	PISTON RING SET (0.50MM O/S)	1	
11	2E9-11633-00-00	PIN, PISTON	1	
12	93450-11021-00	CIRCLIP	2	
13	93306-20326-00	BEARING	2	
14	93102-17067-00	OIL SEAL	1	
15	93102-23174-00	OIL SEAL	1	
16	90280-03017-00	KEY, WOODRUFF	1	
17	92990-12600-00	WASHER, PLATE	1	
18	92901-12100-00	WASHER, SPRING	1	
19	95301-12700-00	NUT (95302-12700)	1	

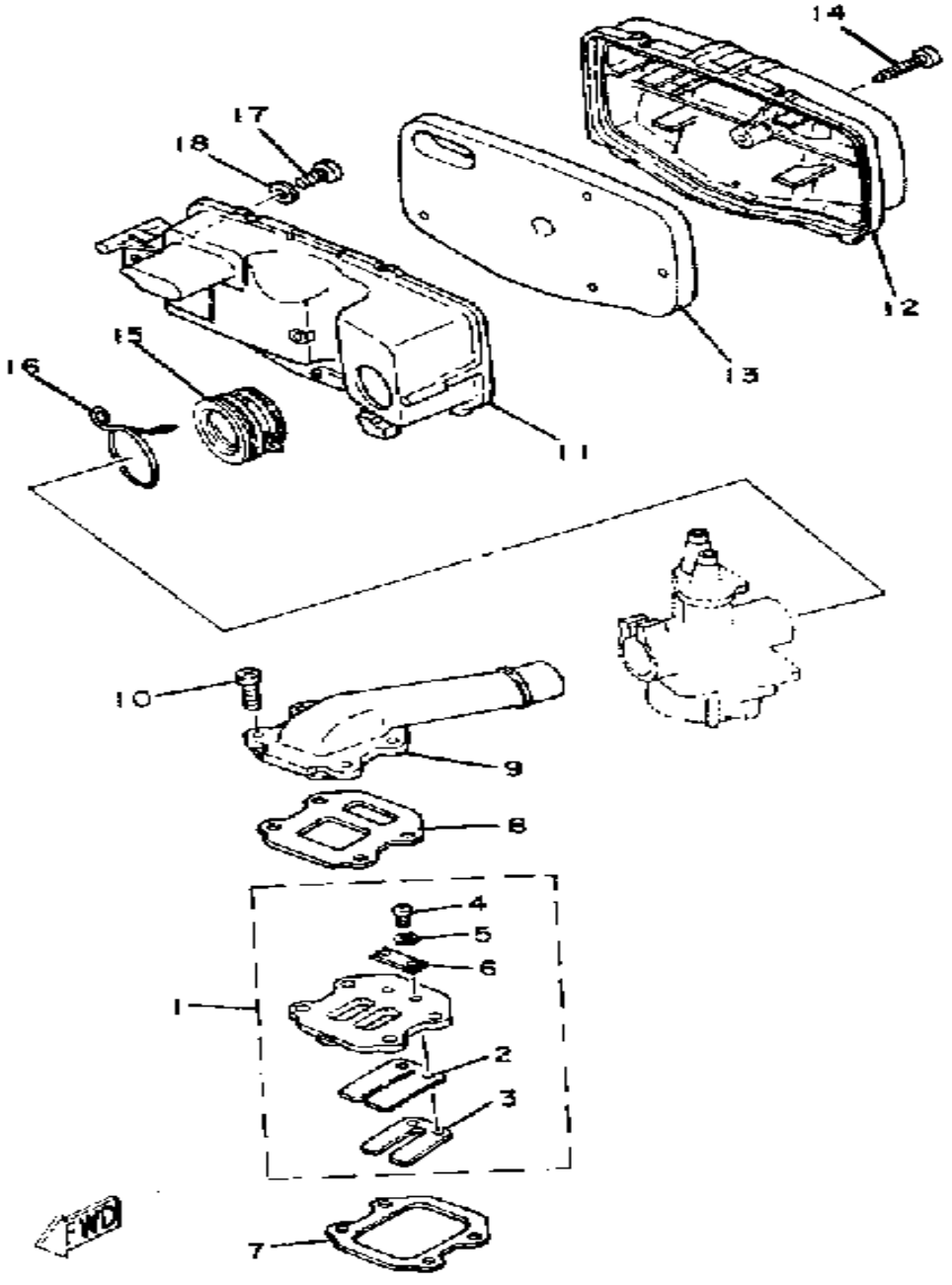


Lubricant: Temp. Above 5°C (40°F)	Yamalube 2* or Equivalent
Temp. Below 15°C (60°F)	Yamalube 2* or Equivalent
AUTOLUBE - Min. Stroke / Color Code	0.25 ~ 0.35mm Yellow
Minimum Output @ 200 Cycles	0.48 ~ 0.67cc
Maximum Output @ 200 Cycles	1.92 ~ 2.21cc
Oiling System:	Autolube
Capacity: Dry	0.7 Ltr. (0.7 Qts.)

OIL PUMP

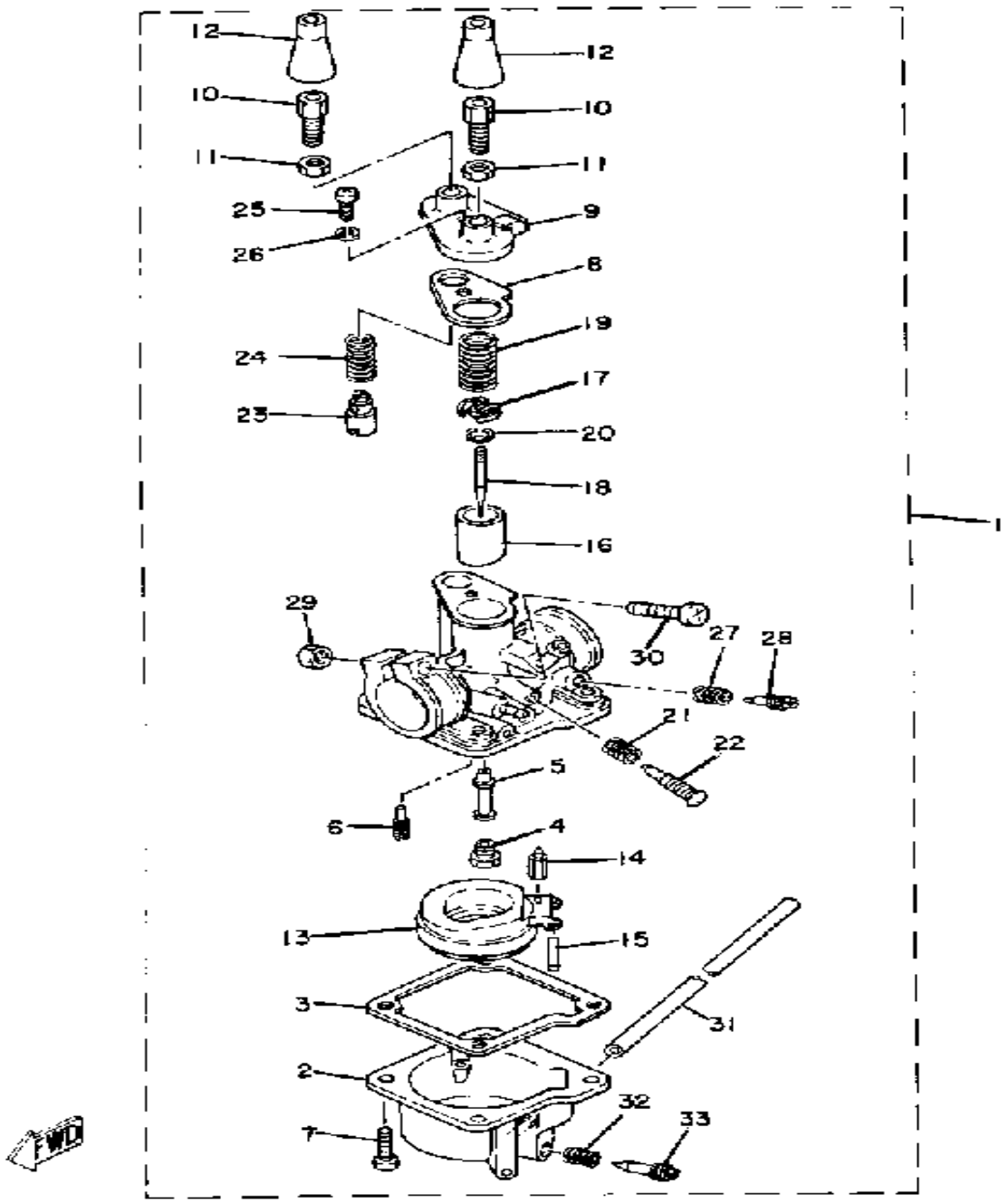
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-13101-00-00	OIL PUMP ASSEMBLY	1	
2	93101-10090-00	. OIL SEAL	1	
3	93210-26240-00	. O-RING	1	
4	90430-04004-00	. GASKET	1	
5	90149-04135-00	. SCREW	1	
6	384-13138-00-00	. PLATE, ADJUSTING	1	
7	90170-10105-00	. NUT	1	
8	90401-10029-00	. BOLT, UNION	1	
9	3L5-13161-00-00	. PIPE, DELIVERY 1	1	
10	93603-14026-00	. PIN, DOWEL	1	
11	99001-07600-00	. CIRCLIP	1	
12	3L5-13161-00-00	PIPE, DELIVERY 1	1	
13	90468-02033-00	CLIP	2	
14	98580-05020-0	UNAVAILABLE IN PRICE BOOK (98503-05020)	1	
15	98501-05035-00	SCREW, PAN HEAD	1	
16	17J-15416-00-00	COVER 1 (3L5-15416-00)	1	
17	3L5-15426-00-00	COVER, OIL PUMP 2	1	
18	97780-50514-00	SCREW, tapping (97702-50614-00)	1	

AIR CLEANER



Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-13610-00-00	REED VALVE ASSEMBLY	1	
2	3L5-13613-00-00	. REED, VALVE	1	
3	3L5-13616-00-00	. STOPPER, REED VALVE	1	
4	98580-03010-00	. SCREW, PAN HEAD (98502-03010)	2	
5	92990-03100-00	. WASHER, SPRING (92901-03100)	2	
6	3L5-13624-00-00	. PLATE, REED VALVE	1	
7	3HK-13621-00-00	GASKET, VALVE SEAT	1	
8	3L5-13622-10-00	GASKET, VALVE SEAT	1	
9	3L5-13555-00-00	MANIFOLD, INTAKE	1	
10	98580-06020-00	SCREW	4	
11	3L5-14411-00-00	CASE, AIR CLEANER 1	1	
12	3L5-W1441-00-00	AIR FILT CASE ASSEMBLY (3L5-14412-00)	1	
13	3L5-14451-00-00	ELEMENT, AIR CLNR	1	
14	97780-50130-00	SCREW, TAPPING	1	
15	3L5-14453-01-00	JOINT, AIR CLNR 1	1	
16	90467-20023-00	CLIP	1	
17	98503-06014-00	SCREW, PAN HEAD (92502-06016)	1	
18	90201-061A5-00	WASHER, PLATE	1	

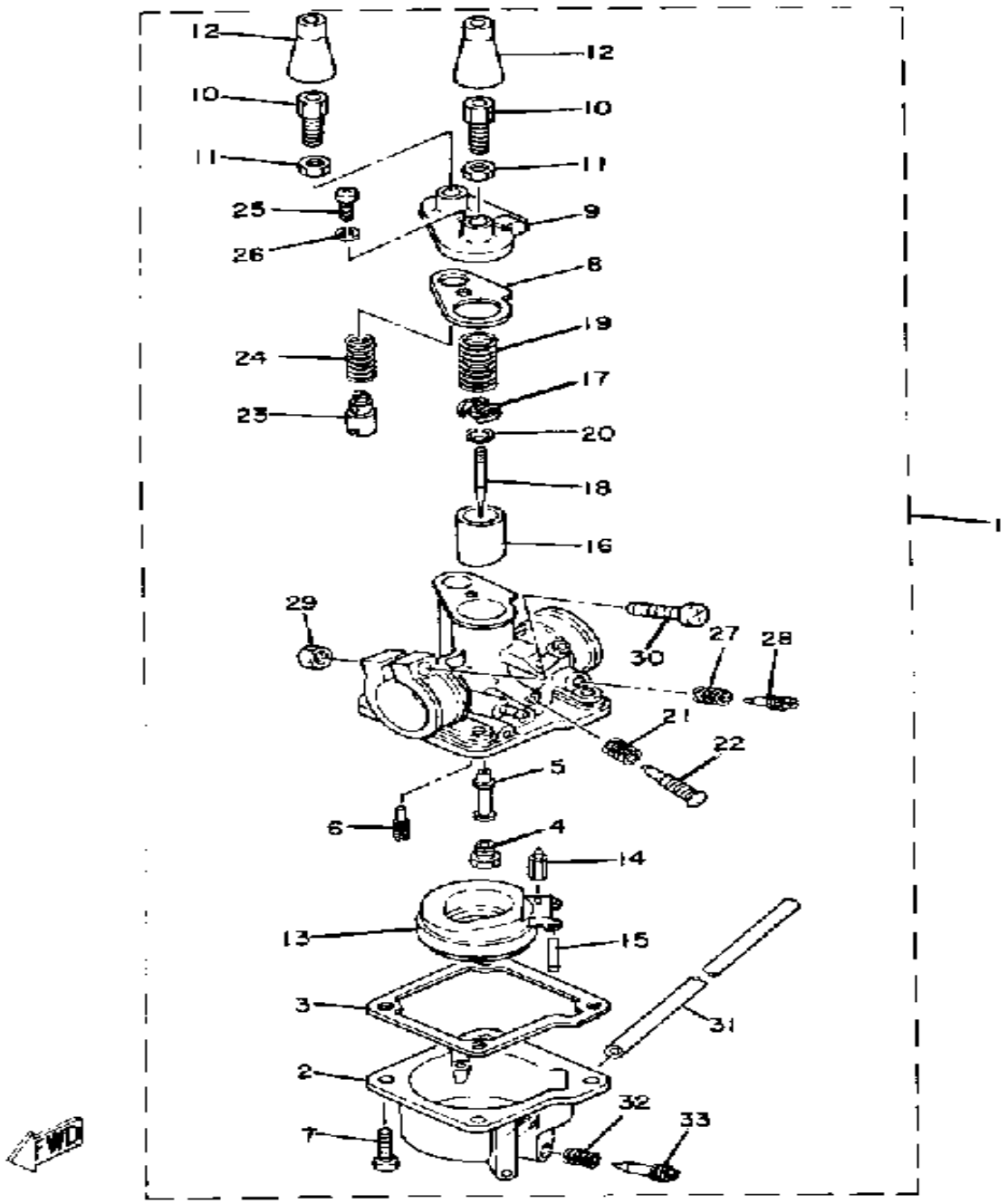
CARBURETOR



Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-14101-00-00	CARBURETOR ASSEMBLY 1 .	1	
2	3L5-14181-06-00	. BODY, FLOAT CHMBR 1CHAMBER 1	1	
3	3L5-14184-00-00	. GASKET, FLOAT CHAMBER .	1	
4	620-14231-14-00	. JET, MAIN (# 70)	1	U.R.
	620-14231-14-00	. JET, MAIN (# 70)	1	U.R.STD
	620-14231-15-00	. JET, MAIN (# 75)	1	U.R.
5	(3L7-14141-16-00)	NOZZLE, MAIN	1	
6	3L5-14142-40-00	. JET, PILOT (# 40)	1	
7	98503-04014-00	. SCREW, PAN HEAD	4	
8	3L5-14198-00-00	. GASKET	1	
9	3L5-14158-00-00	. TOP, MIXING CHAMBER	1	
10	12G-14106-00-00	. CABLE ADJUST SCREW SET	2	
11	802-14161-00-00	. NUT, CABLE ADJUSTING ...	2	
12	307-14169-10-00	. CAP	2	
13	3L6-14185-01-00	. FLOAT	1	
14	3L5-14190-01-00	. NEEDLE VALVE ASSEMBLY .	1	
15	603-14186-00-00	. PIN, FLOAT	1	
16	3L5-14112-40-00	. VALVE, THROTTLE 1	1	
17	3L6-14136-01-00	. SEAT, SPRING	1	
18	36R-1290J-00-00	. UNAVAILABLE IN PRICE BOOK (3L6-14116-01)	1	
19	174-14131-01-00	. SPRING, THROTTLE VALVE .	1	
20	127-14137-00-00	. CLIP	1	
21	3L6-14133-00-00	. SPRING, THRTL STOP	1	
22	36R-14103-00-00	. THROTTLE SCREW SET	1	
23	58E-14171-00-00	. PLUNGER, STARTER	1	
24	509-14135-00-00	. SPRING, PLUNGER	1	
25	98580-05012-00	. SCREW, PAN HEAD	1	

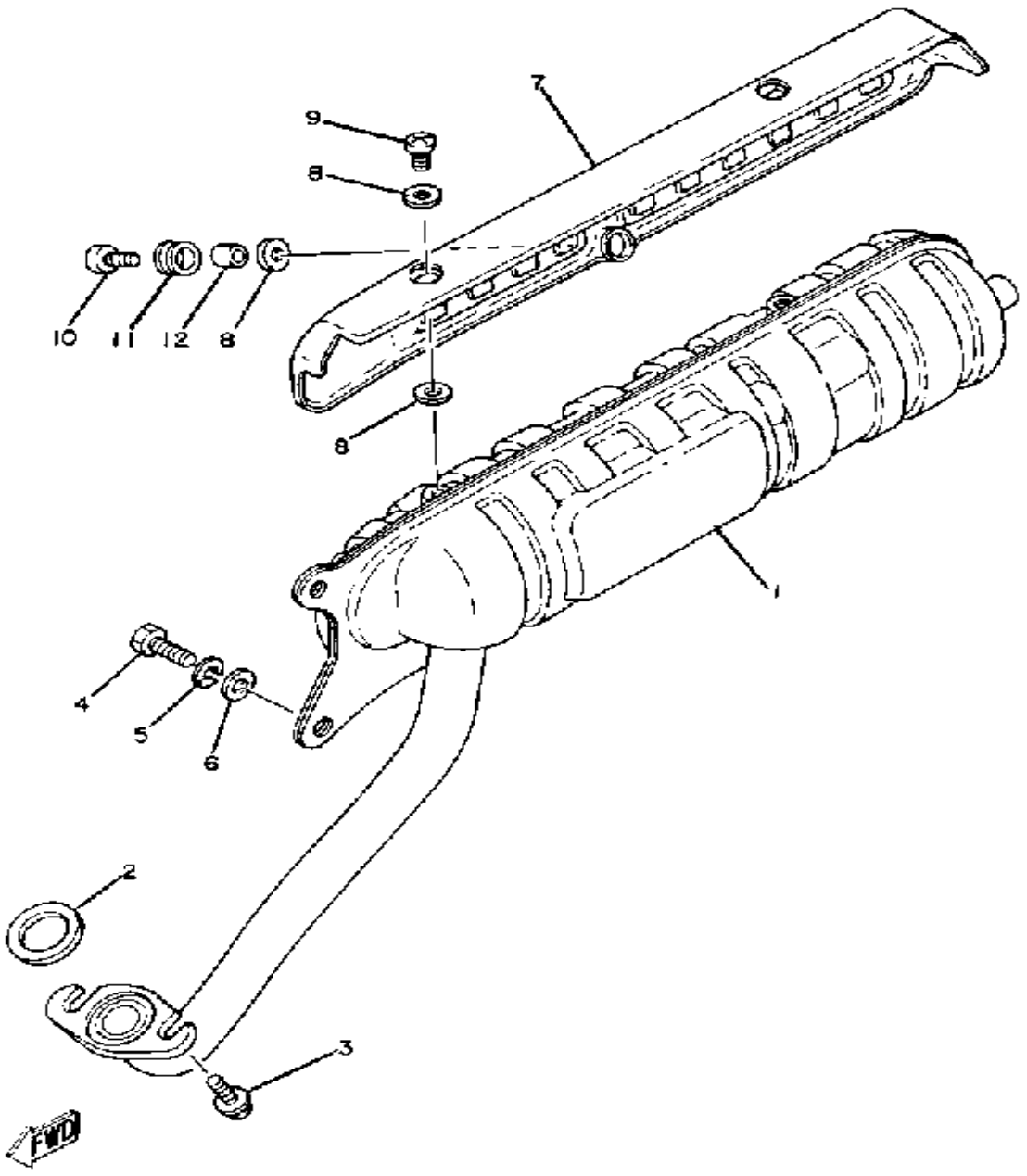
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CARBURETOR



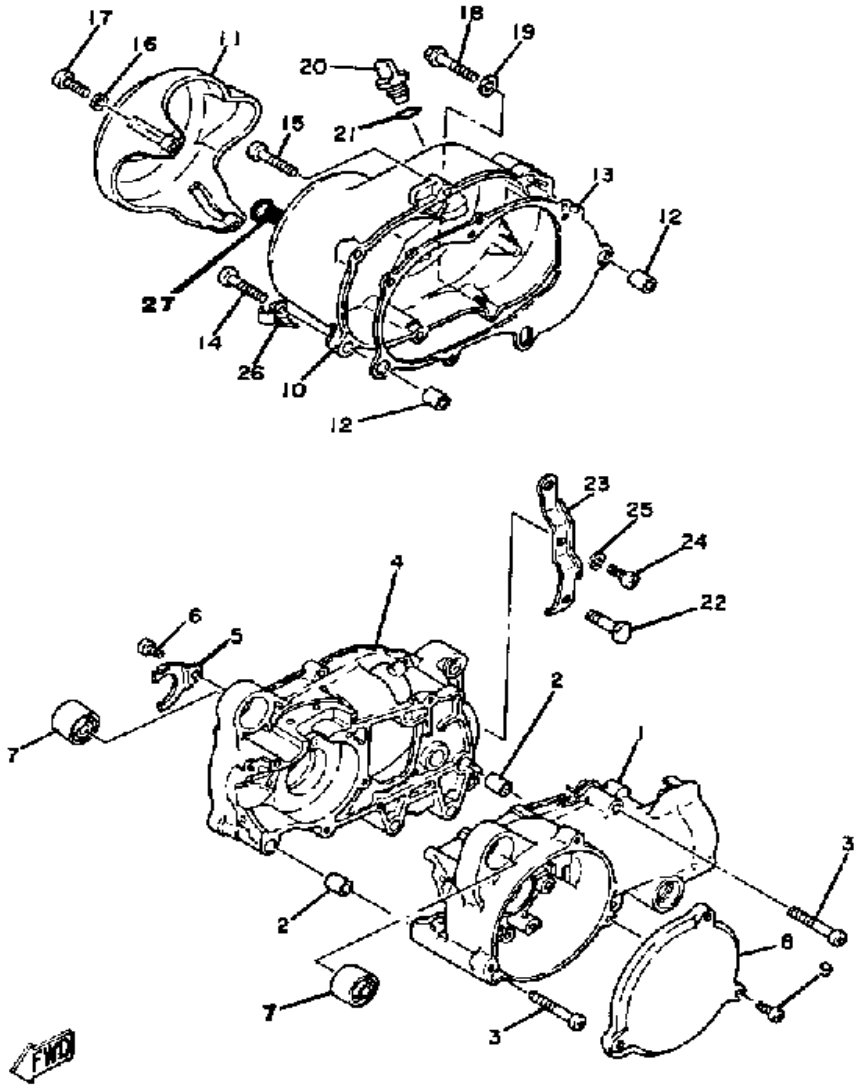
Ref. No.	Part Number	Description	Qty	Remarks
26	92990-05100-00	. WASHER, SPRING	1	
27	3F7-14134-00-00	. SPRING, AIR ADJUSTING . . .	1	
28	4N0-14191-00-00	17L-14104-00- 0	1	
29	95380-05600-00	. NUT	1	
30	98501-05030-00	. SCREW, PAN HEAD	1	
31	90445-05024-00	. HOSE (835-13171-00)	1	
32	3F7-14134-00-00	. SPRING, AIR ADJUSTING . . .	1	
33	17L-14104-00-00	. AIR SCREW SET	1	

EXHAUST



Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-14610-00-00	EXHAUST PIPE ASSEMBLY L .	1	
2	2E9-14613-10-00	GASKET, EXST PIPE	1	
3	90153-06057-00	SCREW, hexagon	2	
4	97016-08020-00	BOLT	2	
5	92906-08100-00	WASHER, SPRING	2	
6	92906-08600-00	WASHER	2	
7	4J2-14718-00-00	PROTECTOR, MUF 1	1	LOW GLOSS BLACK
8	90430-06012-00	GASKET	5	
9	98506-06010-00	SCREW, PAN HEAD	2	
10	98906-06012-00	SCREW, BIND	1	
11	90480-12237-00	GROMMET	1	
12	90387-06023-00	COLLAR		1

CRANKCASE



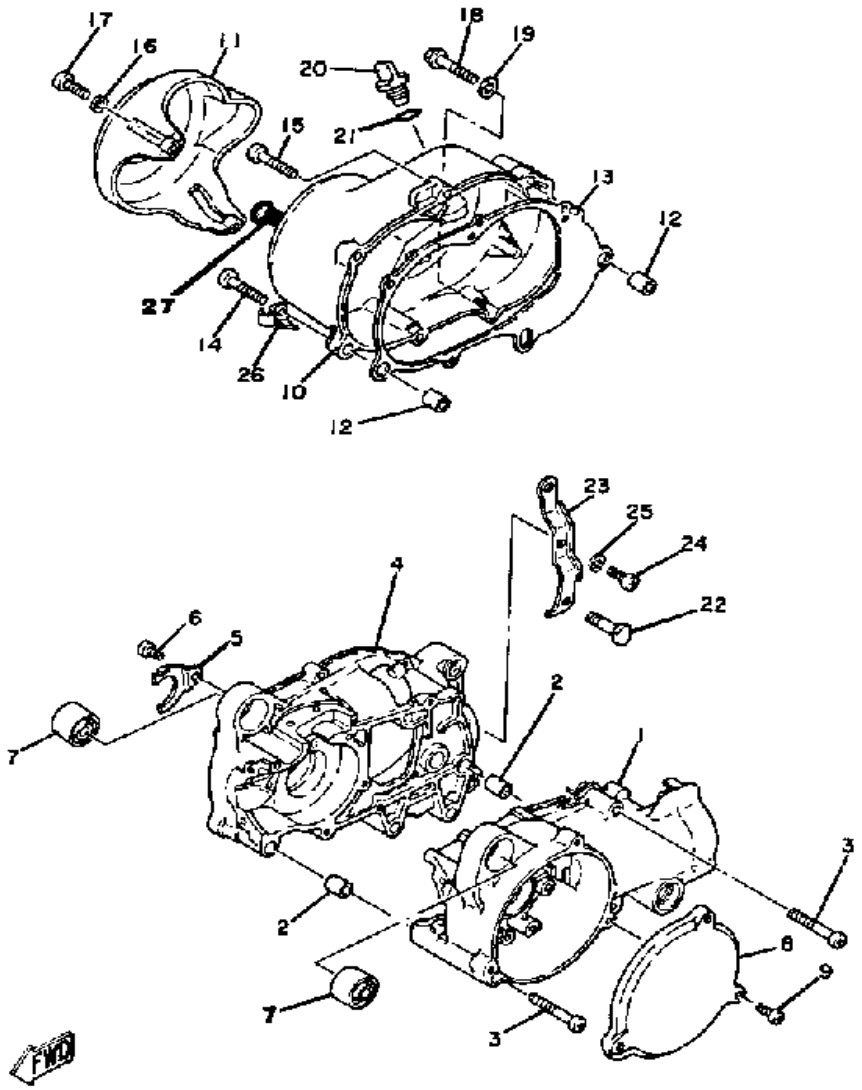
Lubricant: Temp. Above 5°C (40°F)	Yamalube 2* or Equivalent
Temp. Below 15°C (60°F)	Yamalube 2* or Equivalent
Drain Plug	8 x 1.25: 1.5 m-kg

Ref. No.	Part Number	Description	Qty	Remarks
1	4X4-15111-00-00	CRANKCASE 1	1	
2	99510-12016-00	PIN, DOWEL	2	
3	98580-06545-00	SCREW PAN HEAD (92503-06045)	8	
4	4J2-15121-00-00	CRANKCASE 2	1	
5	3L5-15128-00-00	HOLDER	1	
6	98580-06012-00	SCREW, PAN HEAD	1	
7	2E9-15316-00-00	DAMPER, ENGINE MOUNT 1	2	
8	5N7-15415-00-00	COVER, GENERATOR	1	
9	98586-05016-00	SCREW, PAN HEAD	3	
10	(4J2-W1543-00-00)	CRANKCASE COVR ASSEMBLY	1	
11	(4J2-15491-00-00)	PROTECTOR	1	
12	99510-12016-00	PIN, DOWEL	2	
13	3L5-15451-10-00	GASKET, CRANKCASE COVER 1	1	
14	98506-06035-00	SCREW, PAN HEAD	2	
15	98506-06035-00	SCREW, PAN HEAD	2	
16	92906-06600-00	WASHER	2	
17	98506-06025-00	SCREW, PAN HEAD	2	
18	90105-08103-00	BOLT, WASHER BASED	1	
19	90201-08087-00	WASHER, PLATE	1	
20	4J2-15363-00-00	PLUG, OIL	1	
21	93210-14104-00	O-RING	1	
22	90109-08582-00	BOLT	2	
23	4J2-15113-00-00	PLATE	1	
24	92580-06012-00	SCREW, PAN HEAD (92501-06012-00)	1	
25	92995-06100-00	WASHER, SPRING	1	
26	(90462-10065-00)	CLAMP	1	

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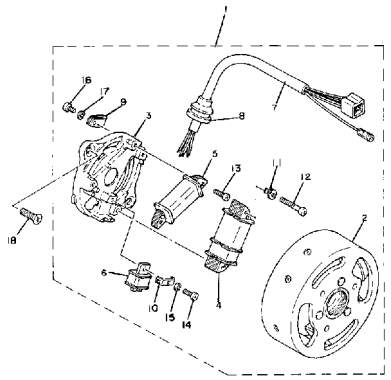
CRANKCASE

Ref. No.	Part Number	Description	Qty	Remarks
27	3L5-17112-01-00	BUSH 1	1	



Lubricant: Temp. Above 5°C (40°F)	Yamalube 2* or Equivalent
Temp. Below 15°C (60°F)	Yamalube 2* or Equivalent
Drain Plug	8 x 1.25: 1.5 m-kg

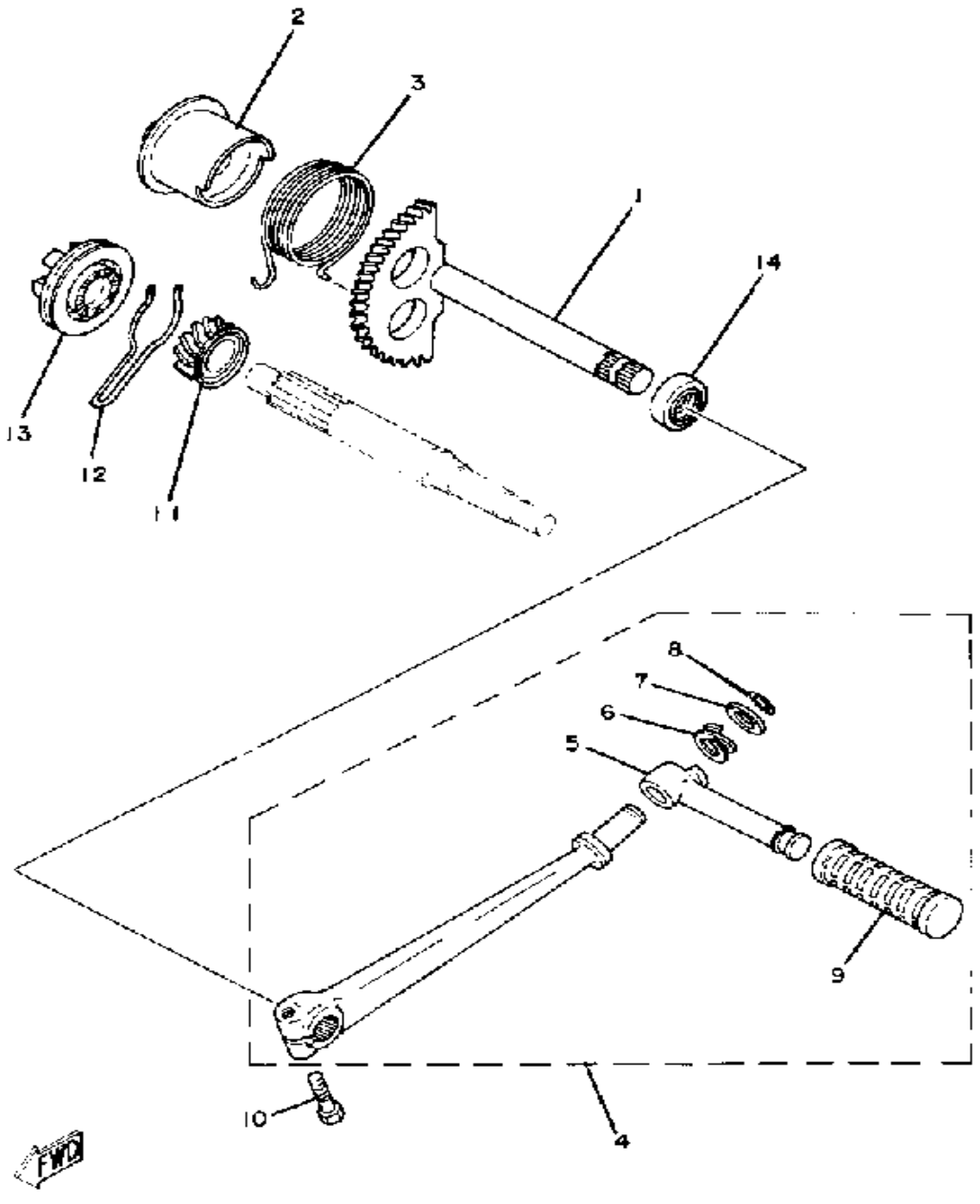
GENERATOR



CHARGING SYSTEM	CDI Magneto / Single-Phase / Half Wave
Battery: Model / Specific Gravity / Charge Rate	GS 6N4-2A-2 (6V/4AH) / 1.28 / 0.4A
Maximum Output	7.7V 2.0A @ 8000 rpm
Charge Coil Color Code / Ω	Wht-Blk / 0.27 Ω ± 20%
IGNITION SYSTEM	Capacitor-Discharge Ignition
Ignition Timing	0.94mm BTDC
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6 Ω ± 10% / 6.6K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red ~ Blk / 20 Ω ± 10%
Source Coil Color Code / Ω	Blk-Red ~ Blk / .307 Ω ± 10%

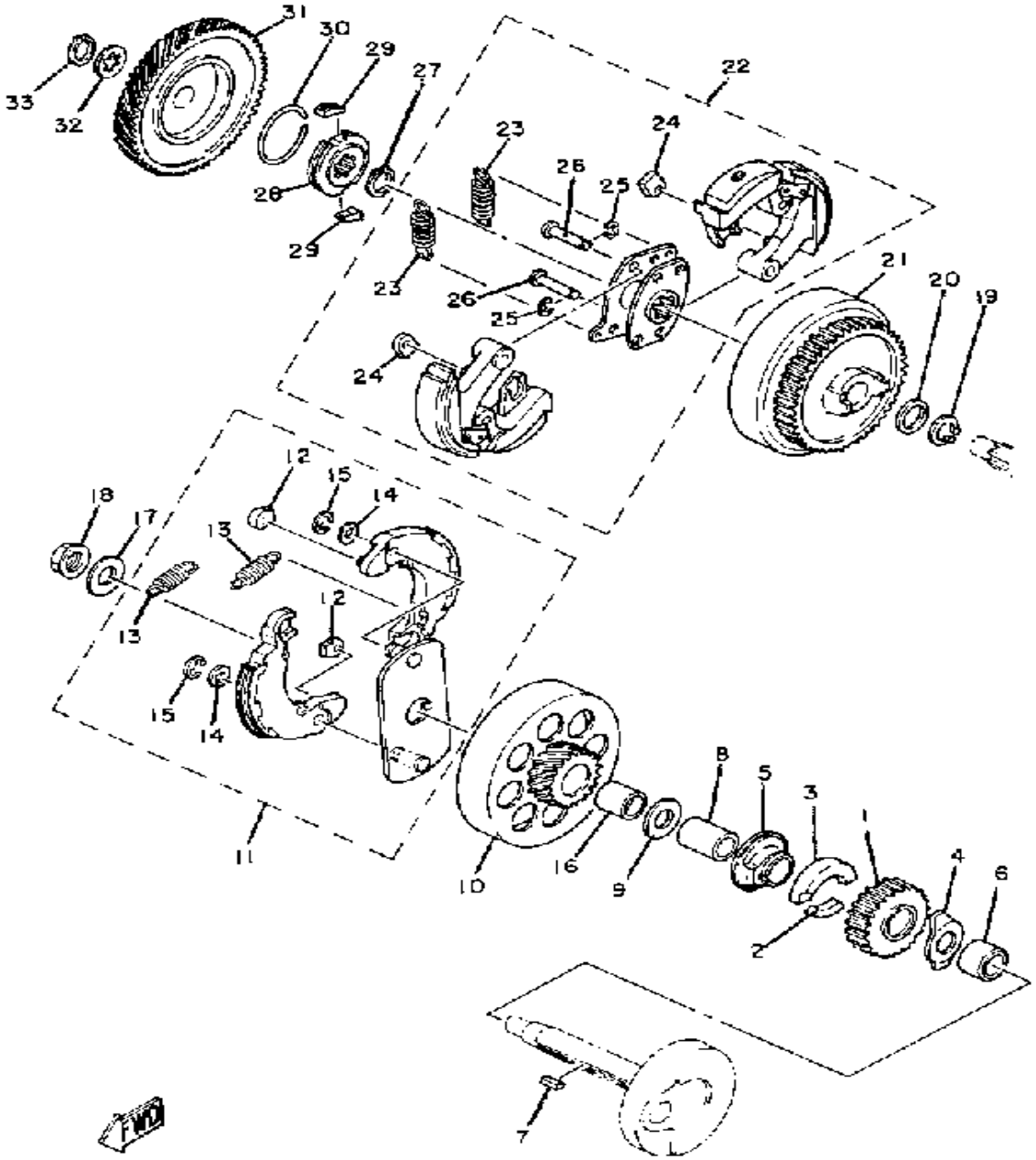
Ref. No.	Part Number	Description	Qty	Remarks
1	5N7-85500-M0-00	CDI MAGNETO ASSEMBLY . . .	1	
2	(5N7-85550-M0-00)	ROTOR ASSEMBLY	1	
3	3L5-85561-M1-00	. BASE, MAGNETO	1	
4	5N7-81313-M0-00	. COIL, LIGHTING 1	1	
5	3T5-85520-M1-00	. COIL, CHARGE	1	
6	3L5-85580-M0-00	. COIL, PULSER	1	
7	3L8-8131X-M0-00	. CORD ASSEMBLY	1	
8	3L5-85564-M0-00	. GROMMET	1	
9	90461-05036-00	. CLAMP	1	
10	2T4-85568-M1-00	. TERMINAL, EARTH 1	1	
11	2T4-85569-M1-00	. TERMINAL, EARTH 2	1	
12	98511-04025-00	. SCREW, PAN HEAD	2	
13	98511-04012-00	. SCREW, PAN HEAD	2	
14	98580-04010-00	. SCREW, PAN HEAD	1	
15	92901-04600-00	. WASHER, PLATE	1	
16	98511-04006-00	. SCREW, PAN HEAD (98501-04005)	1	
17	92901-04600-00	. WASHER, PLATE	1	
18	98701-06014-00	. SCREW, FLAT HEAD	2	

STARTER



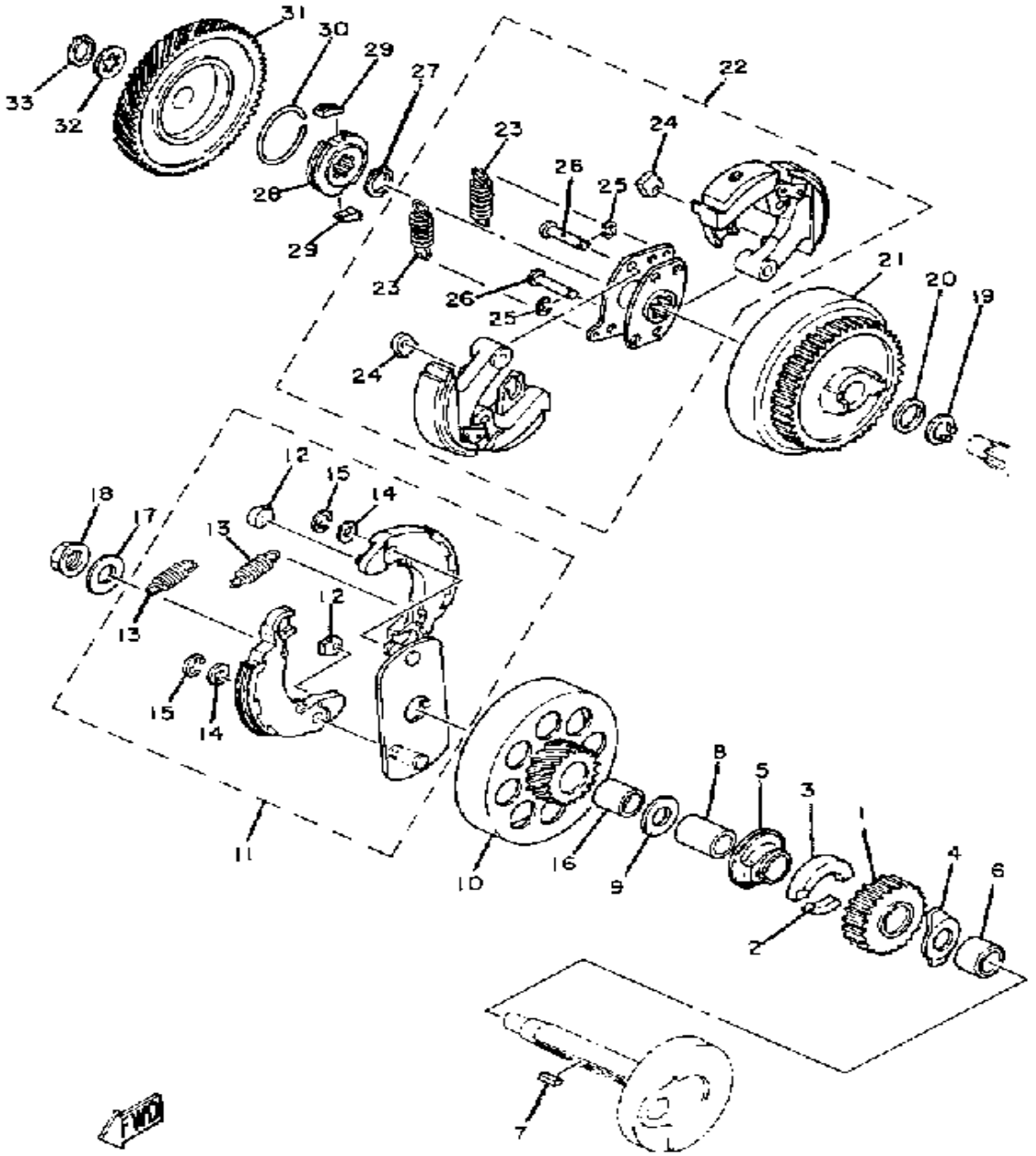
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-15601-00-00	KICK SHAFT ASSEMBLY	1	
2	3L5-15664-00-00	GUIDE, SPRING	1	
3	90508-28399-00	SPRING, TORSION	1	
4	34M-15620-00-00	KICK CRANK ASSEMBLY	1	
5	(4K5-15612-00-00)	LEVER, KICK	1	
6	90504-18031-00	. SPRING, COMPRESSION (132-15625-01)	1	
7	90209-10108-00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

CLUTCH



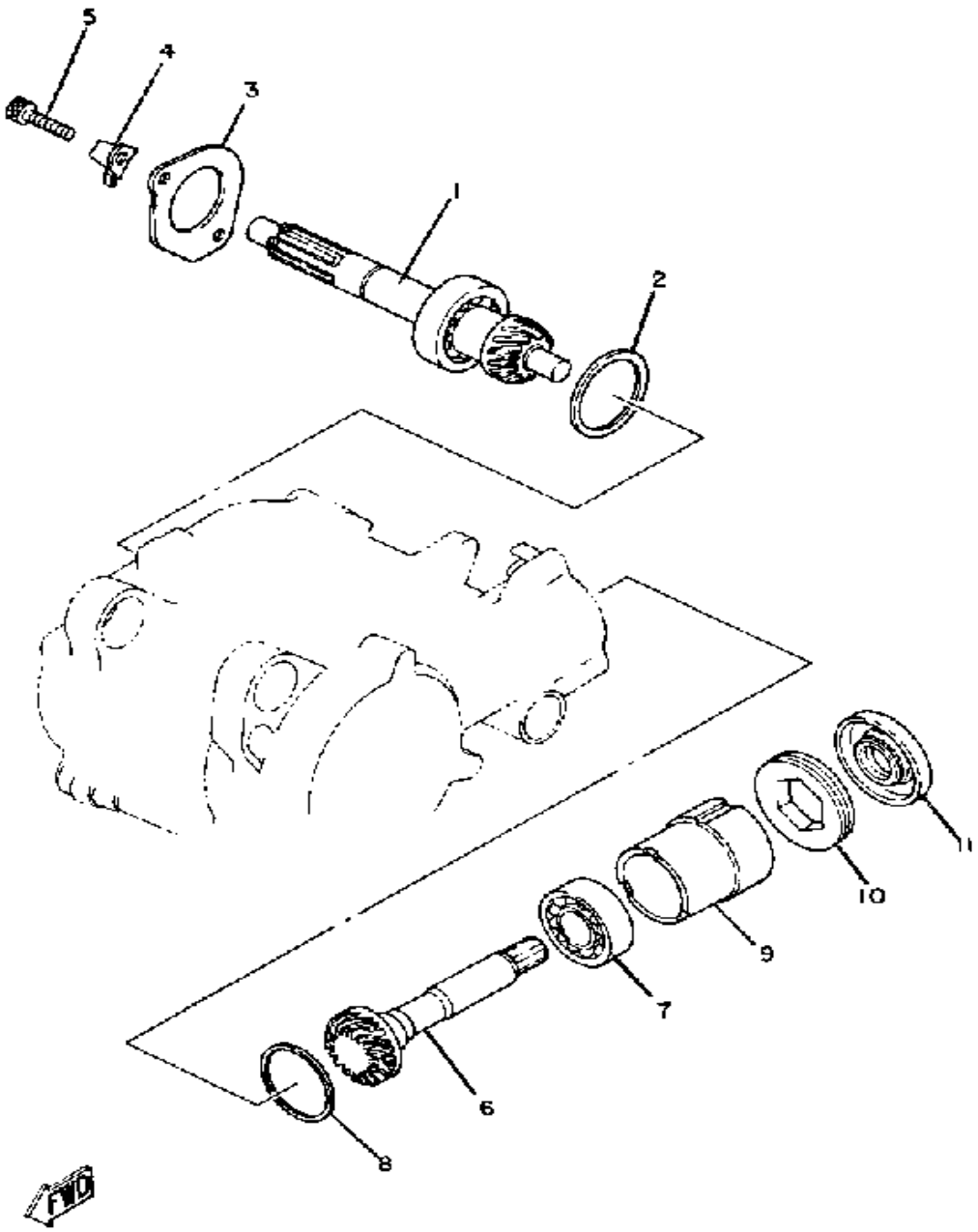
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-16111-00-00	GEAR, PRIMARY DRIVE (33T) .	1	
2	3L5-16115-00-00	ABSORBER 1	1	
3	3L5-16125-00-00	ABSORBER 2	1	
4	3L5-16114-00-00	PLATE, THRUST 2	1	
5	4N0-16181-02-00	SPACER 1	1	
6	90387-16730-00	COLLAR	1	
7	90282-05034-00	KEY, STRAIGHT	1	
8	90387-166E1-00	COLLAR	1	
9	90201-16245-00	WASHER, PLATE	1	
10	3L6-16611-00-00	HOUSING, CLUTCH	1	
11	3L6-16620-01-00	CLUTCH CARRIER ASSEMBLY	1	
12	(2E9-16629-00-00)	DAMPER, CLCH WEIGHT	2	
13	90506-20165-00	. SPRING, TENSION	2	
14	90201-08624-00	. WASHER, PLATE	2	
15	99080-07600-00	. CIRCLIP (E)	2	
16	90387-16680-00	COLLAR	1	
17	90208-12007-00	WASHER, CONICAL SPR	1	
18	90179-12244-00	NUT, SPEC''L SHAPE	1	
19	99009-16400-00	CIRCLIP	1	
20	90201-16383-00	WASHER, PLATE	1	
21	(3L6-16604-00-00)	HOUSING, CLUTCH	1	
22	3L6-16630-00-00	CLUTCH CARRIER ASSEMBLY	1	
23	3L6-16627-00-00	. SPRING, CLUTCH WT 2	2	
24	2T4-16629-00-00	. DAMPER, CLUTCH WEIGHT .	2	
25	99080-05600-00	. CIRCLIP	4	
26	(3L6-16673-00-00)	SHAFT, CLUTCH WT 2	4	
27	99009-16400-00	CIRCLIP	1	
28	3L6-16180-00-00	ONE WAY BOSS	1	
29	384-15635-00-00	PAWL, KICK	2	

CONTINUED ON NEXT FRAME ➤



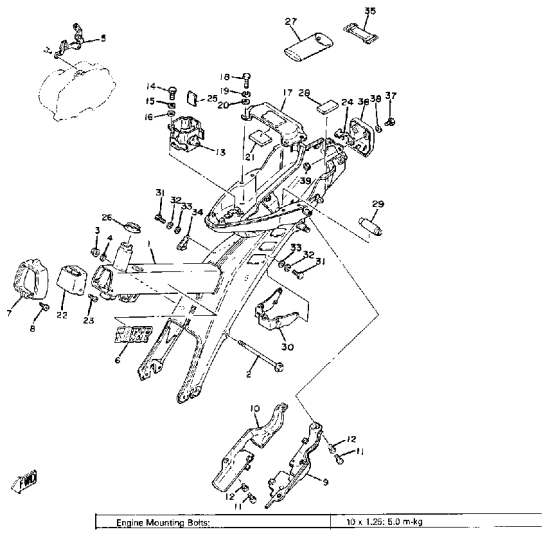
CLUTCH

Ref. No.	Part Number	Description	Qty	Remarks
30	2T4-15637-00-00	SPRING, PAWL	1	
31	3L6-16150-01-00	PRI DRVN GEAR	1	
32	90209-13185-00	WASHER, SPEC''L SHAP	1	
33	99009-16400-00	CIRCLIP	1	



TRANSMISSION

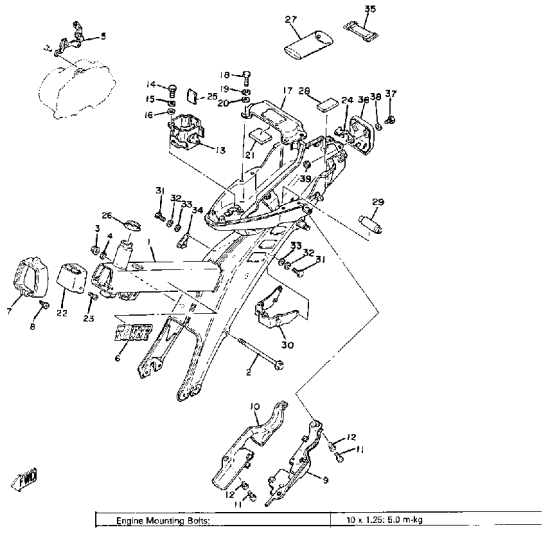
Ref. No.	Part Number	Description	Qty	Remarks
1	3L6-17410-00-00	MAIN AXLE	1	
2	3L5-17531-00-00	SHIM, PINION	1	
3	3L5-17471-00-00	PLATE, COVER	1	
4	3L5-17473-00-00	STOPPER	1	
5	91316-06016-00	BOLT, SOCKET HEAD	2	
6	3L5-17550-00-00	DRIVEN PINION ASSEMBLY	1	
7	93306-20310-00	BEARING	1	
8	3L5-17537-00-00	SHIM, THRUST	1	
9	3L5-17442-00-00	COLLAR, DISTANCE	1	
10	90149-45134-00	SCREW	1	
11	93102-15267-00	OIL SEAL	1	



FRAME - TOOL

Ref. No.	Part Number	Description	Qty	Remarks
1	(5H9-21110-00-1A)	FRAME	1	U.R. NEW WHITE
	(5H9-21110-00-5F)	FRAME	1	U.R. MAXIM YELLOW
2	(90105-10161-00)	BOLT, WASHER BASED	1	
3	90179-10280-00	NUT, SELF-LOCKING	1	
4	92990-10200-00	WASHER, PLAIN	1	
5	3L5-21359-00-00	BRACKET, COIL	1	
6	4J2-2118E-10-00	EMBLEM 1	2	
7	(4J2-21278-00-00)	MOLD	1	
8	90149-059U1-00	SCREW, PANHEAD (97701-50516)	1	
9	5H9-21399-01-00	CAP, TOOL BOX	1	
10	(5H9-2139W-01-00)	COVER	1	
11	341-28188-00-00	PLUNGER	4	
12	90480-08291-00	GROMMET	4	
13	(5N7-21240-00-00)	BOX	1	
14	97013-06012-00	BOLT	2	
15	92995-06100-00	WASHER, SPRING	2	
16	90201-061A5-00	WASHER, PLATE	2	
17	(4J2-21243-00-00)	PLATE, BRIDGE	1	
18	97313-06016-00	BOLT, HEXAGON	4	
19	92995-06100-00	WASHER, SPRING	4	
20	90201-061A5-00	WASHER, PLATE	4	
21	50W-82121-00-00	PAD, BATTERY	1	
22	(4J2-2139R-00-00)	COVER 2	1	
23	98906-05010-00	SCREW, BIND	2	
24	(4J2-2172E-00-00)	STAY, SIDE COVER 1	1	
25	(2T4-82121-00-00)	PAD, BATTERY	2	
26	4J2-2135F-00-00	COVER	1	
27	4U1-28110-00-00	UNAVAILABLE IN PRICE BOOK (4U1-28100-10)	1	

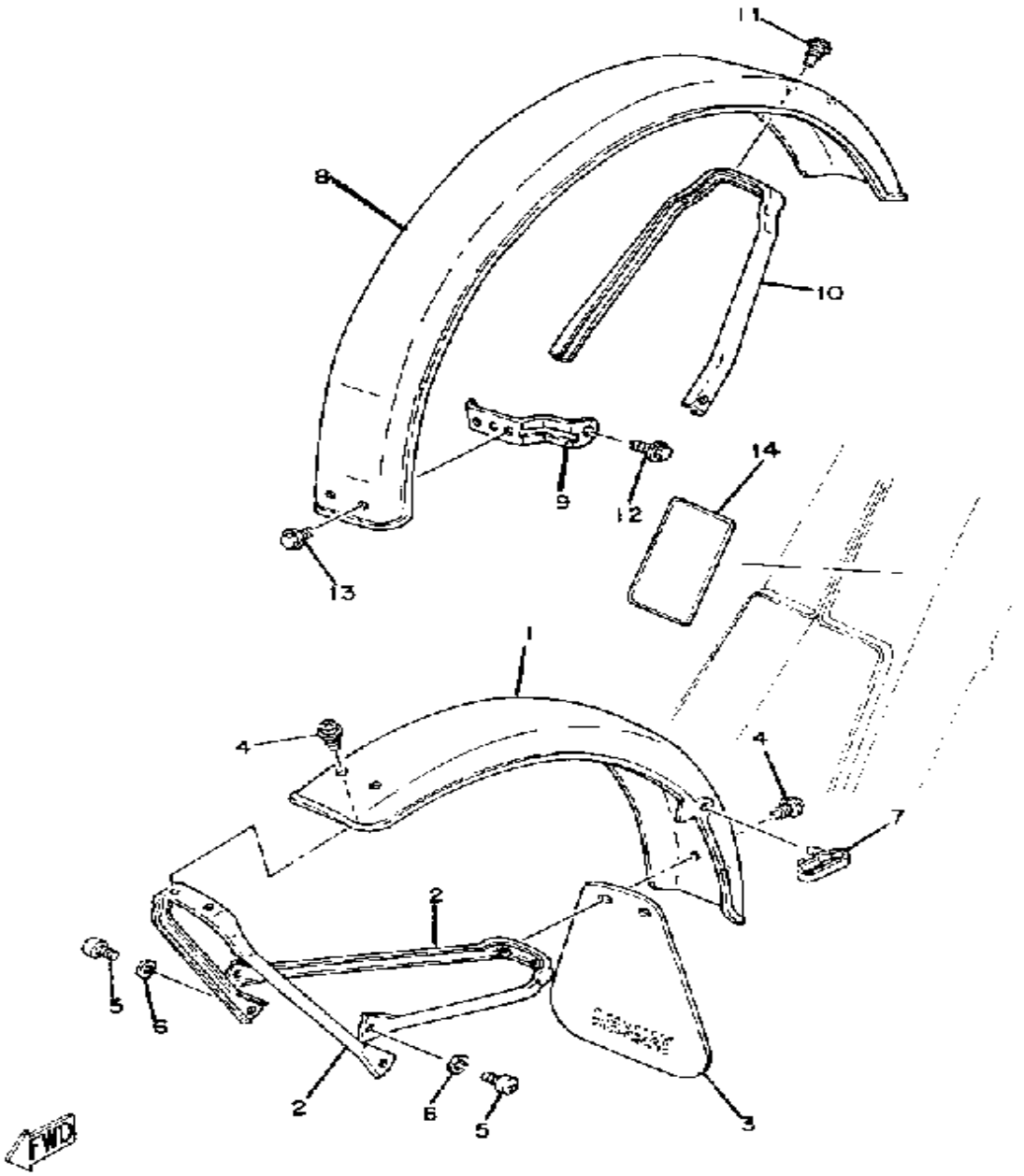
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FRAME - TOOL

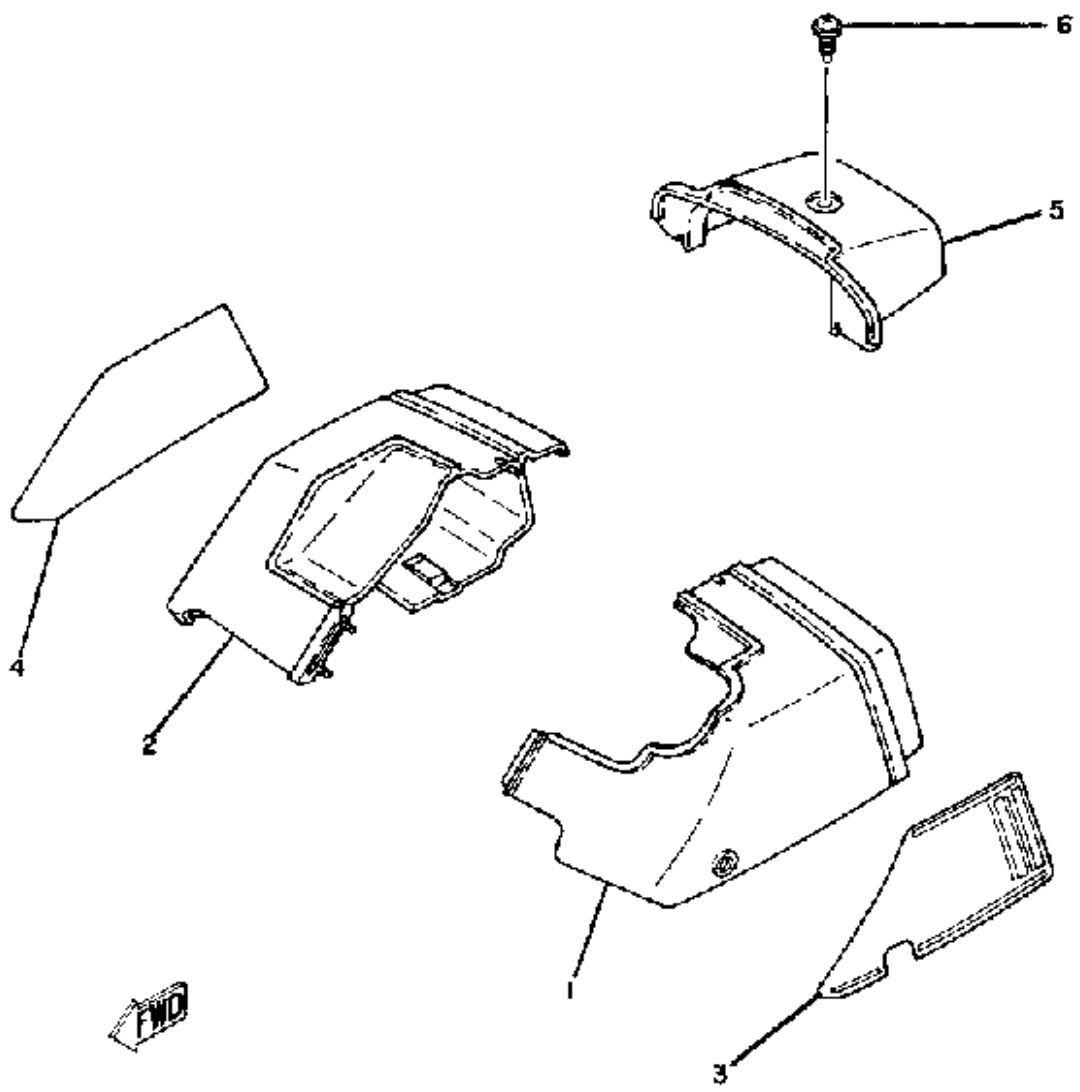
Ref. No.	Part Number	Description	Qty	Remarks
28	4J2-24182-00-00	DAMPER, LOCATING 2	6	
29	(5H9-24183-00-00)	DAMPER, LOCATING 3	1	
30	(5N7-21274-00-00)	BRACKET, C D I UNIT	1	
31	97301-06014-00	BOLT, HEXAGON	3	
32	92995-06100-00	WASHER, SPRING	3	
33	90201-061A5-00	WASHER, PLATE	3	
34	(5H9-21158-00-00)	BRACKET	1	
35	5H9-21376-00-00	BAND, TOOL	1	
36	(5N7-2117F-00-00)	COVER	1	
37	97306-06016-00	BOLT (1KG)	2	
38	92906-06600-00	WASHER	2	
39	95380-06600-00	NUT	2	

FENDER



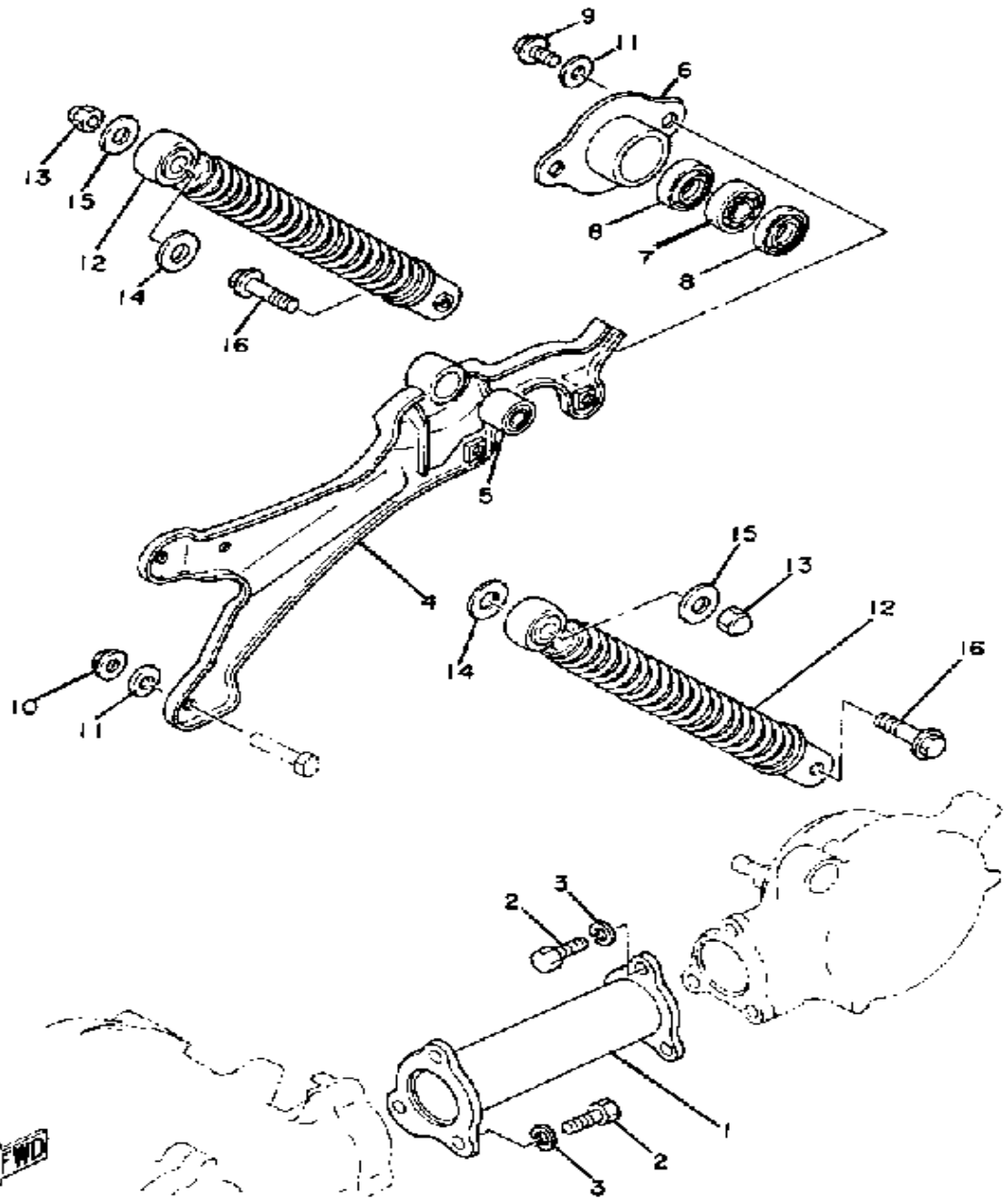
Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-21511-00-00	FENDER, FRONT	1	
2	4J2-21513-00-00	STAY, FENDER 1	2	
3	3L5-21521-00-00	FLAP, FRONT FENDER	1	
4	90159-05088-00	SCREW, W/WASHER	4	
5	98580-06012-00	SCREW, PAN HEAD	4	
6	92995-06100-00	WASHER, SPRING	4	
7	2T4-21518-01-00	HOLDER, CABLE	1	
8	4J2-21611-00-00	FENDER, REAR	1	
9	4J2-21613-00-00	STAY, FENDER 1	1	
10	4J2-21614-00-00	STAY, FENDER 2	1	
11	90159-05088-00	SCREW, W/WASHER	4	
12	90105-06138-00	BOLT, WASHER BASED	1	
13	95811-06012-00	BOLT, FLANGE	2	
14	(5N7-21668-00-00)	LABEL, TIRE	1	

SIDE COVER

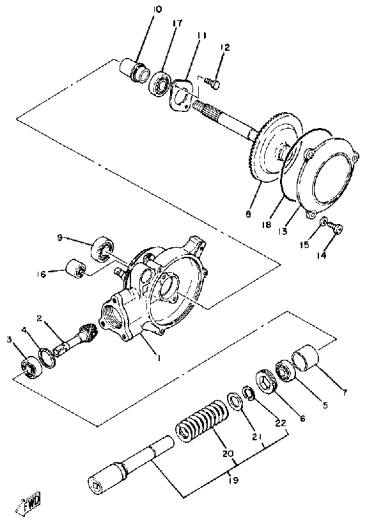


Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-21711-00-00	COVER, SIDE 1	1	
2	4J2-21721-00-00	COVER, SIDE 2	1	
3	4J2-21781-00-00	EMBLEM 1	1	
4	4J2-21782-00-00	EMBLEM 2	1	
5	(4J2-21731-11-00)	COVER, SIDE 3	1	U.R. MAXIM YELLOW
	(4J2-21731-21-00)	COVER, SIDE 3	1	U.R. NEW WHITE
6	90159-05088-00	SCREW, W/WASHER	1	

SWING ARM - REAR SHOCKS



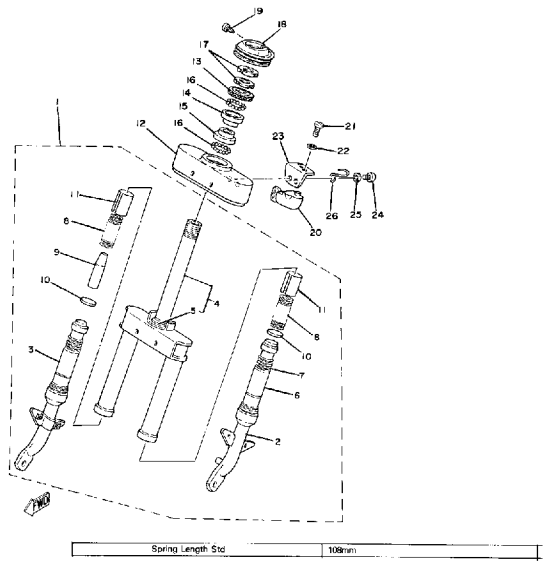
Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-22110-00-98	REAR ARM	1	LOW GLOSS BLACK
2	90101-08461-00	BOLT	6	
3	92990-08100-00	WASHER	6	
4	4J2-22110-01-00	REAR ARM	1	
5	164-22216-00-00	BUSH, REAR SHOCK ABSORBER	1	
6	4J2-22174-01-00	END 1	1	
7	93306-20117-00	BEARING	1	
8	93106-24018-00	OIL SEAL	2	
9	90105-08155-00	BOLT, WASHER BASED	2	
10	95701-08500-00	NUT, FLANGE	2	
11	90201-08326-00	WASHER, PLATE	4	
12	5N7-22210-00-00	SHK/ABS ASSEMBLY, REAR	2	
13	95303-10800-00	NUT (CROWN) (92803-10700)	2	
14	90201-126A7-00	WASHER, PLATE	2	
15	90201-102A2-00	WASHER, PLATE	2	
16	90105-08121-00	BOLT, WASHER BASED	2	



TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	SAE 10W30 SE / 450cc / 500cc
Primary Drive Type / Teeth / Ratio	Helical Gear / 1st: 63-22 2.864; 2nd: 61-33 1.848
Secondary Drive Type / Teeth / Chain	Shaft Drive / 15-15 x 54 11
Final Gear Case Capacity	Grease: Approx. 10

DRIVE SHAFT

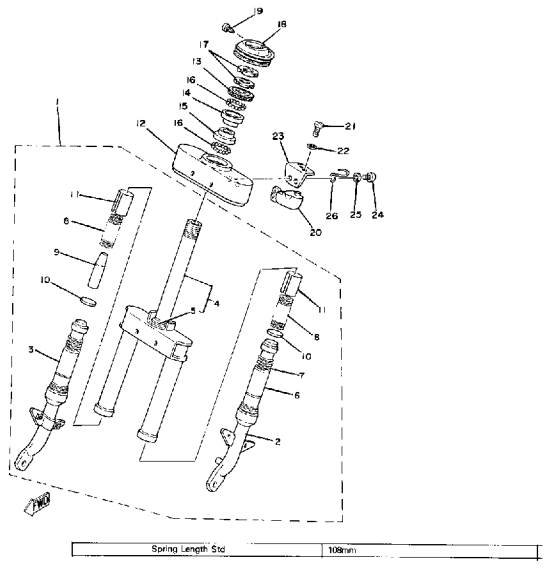
Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-26151-01-00	UNAVAILABLE IN PRICE BOOK	1	
2	59M-46121-00-00	GEAR, DRIVE PINION	1	
3	93306-20111-00	BEARING (B6201)	1	
4	3L5-46127-00-00	SHIM, DRIVE PINION	1	
5	93306-20110-00	BEARING (B6201)	1	U.R.
	93306-20111-00	BEARING (B6201)	1	U.R.
6	90149-35133-00	SCREW	1	
7	90560-25185-00	SPACER	1	
8	4J2-46110-01-00	RING GEAR COMP.	1	
9	93306-20226-00	BEARING	1	
10	90560-15315-00	SPACER	1	
11	3L5-46114-00-00	PLATE, COVER	1	
12	97313-06016-00	BOLT, HEXAGON	2	
13	4J2-46154-02-00	COVER, HOUSING	1	
14	98506-06016-00	SCREW, PANHEAD	3	
15	92906-06600-00	WASHER	3	
16	164-22216-00-00	BUSH, REAR SHOCK ABSORBER	1	
17	93306-20209-00	BEARING (B6202)	1	U.R.
18	93211-05393-00	O-RING	1	
19	15L-46171-00-00	SHAFT DRIVE ASSEMBLY (3L5-46171-00)	1	
20	90501-60556-00	SPRING, COMPRESSION	1	
21	15L-18473-00-00	RETAINER, SPRING	1	
22	93340-17138-00	UNAVAILABLE IN PRICE BOOK (93440-17073)	1	



FRONT FORK

Ref. No.	Part Number	Description	Qty	Remarks
1	(4J2-23100-01-1A)	FRONT FORK ASSEMBLY	1	N/AU.R. NEW WHITE
	(4J2-23100-01-5F)	FRONT FORK ASSEMBLY	1	N/AU.R. MAXIM YELLOW
2	4J2-23110-00-00	. INNER TUBE 1	1	
3	(4J2-23120-00-00)	INNER TUBE 2	1	
4	4J2-23340-01-1A	. UNDER BRACKET	1	U.R. NEW WHITE
	4J2-23340-01-5F	. UNDER BRACKET	1	U.R. MAXIM YELLOW
5	3YJ-23414-00-00	. . RACE, BALL 4	1	
6	(4J2-23113-00-00)	COLLAR	1	
7	36R-23151-00-00	. SPRING, REBOUND	1	
8	4J2-23141-00-00	. SPRING, FRONT FORK	2	
9	3L5-23195-00-00	. RUBBER	1	
10	2E9-23143-00-00	. SEAT, SPRING LOWER	2	
11	(4J2-2331M-00-00)	COVER, RING	2	
12	(4J2-23311-11-00)	PANEL, OUTER 1	1	U.R. MAXIM YELLOW
	4J2-23311-21-00	U.R. NEW WHITENO LONGER AVAILABLE	1	
13	3KJ-23411-01-00	RACE, BALL 1	1	
14	2E9-23412-00-00	RACE, BALL 2	1	
15	2E9-23413-01-00	RACE, BALL 3	1	
16	93505-32002-00	BALL	52	
17	2E9-23454-00-00	NUT, FITTING 2	2	
18	4J2-23415-00-00	COVER, BALL RACE 1	1	
19	90149-059U1-00	SCREW, PANHEAD (97701-50516)	1	
20	4K6-23408-00-00	STEERING LOCK ASSEMBLY .	1	
21	98580-06012-00	SCREW, PAN HEAD	2	
22	92995-06100-00	WASHER, SPRING	2	
23	(4J2-23486-01-00)	STAY, PLATE	1	
24	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	

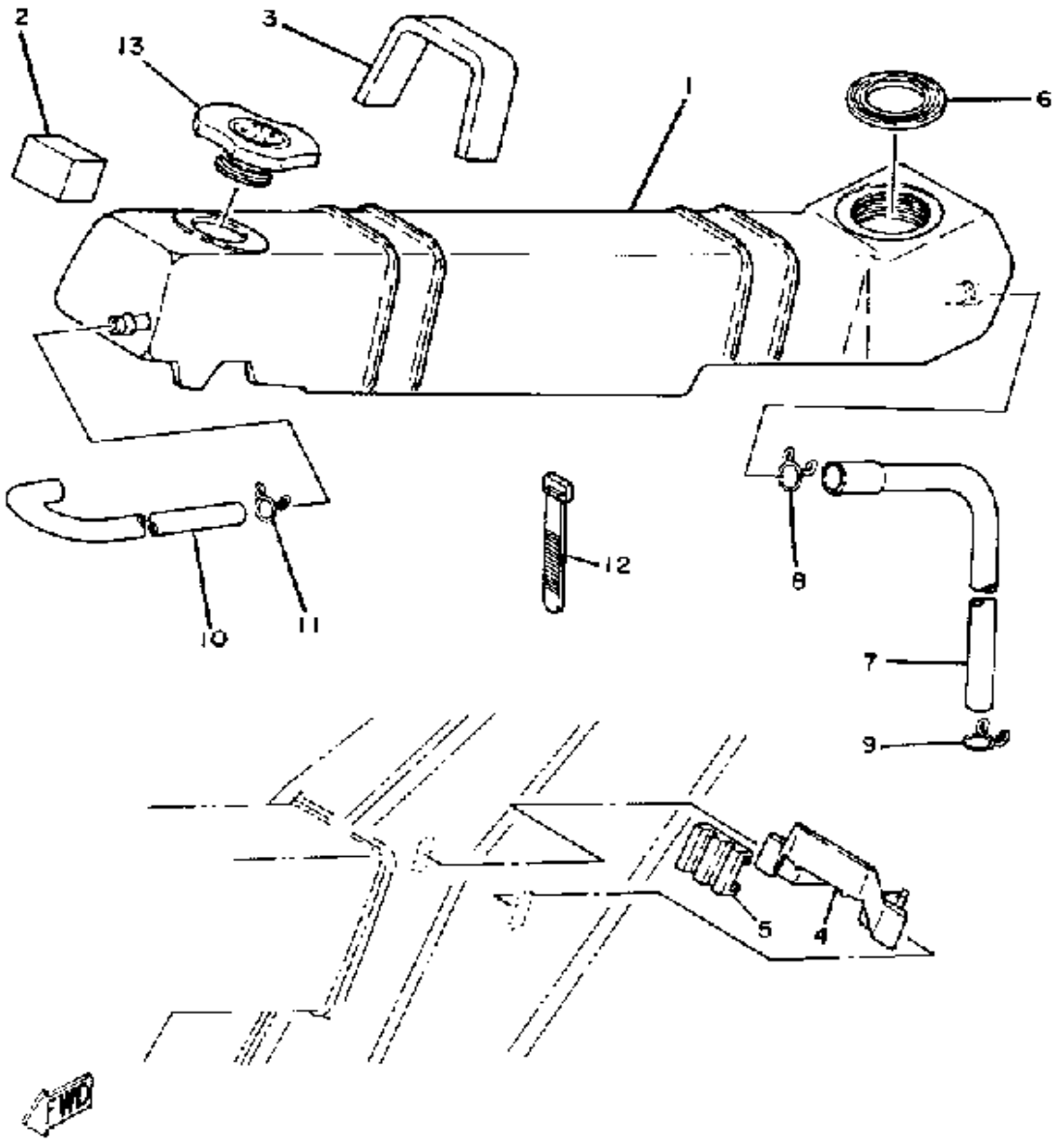
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FRONT FORK

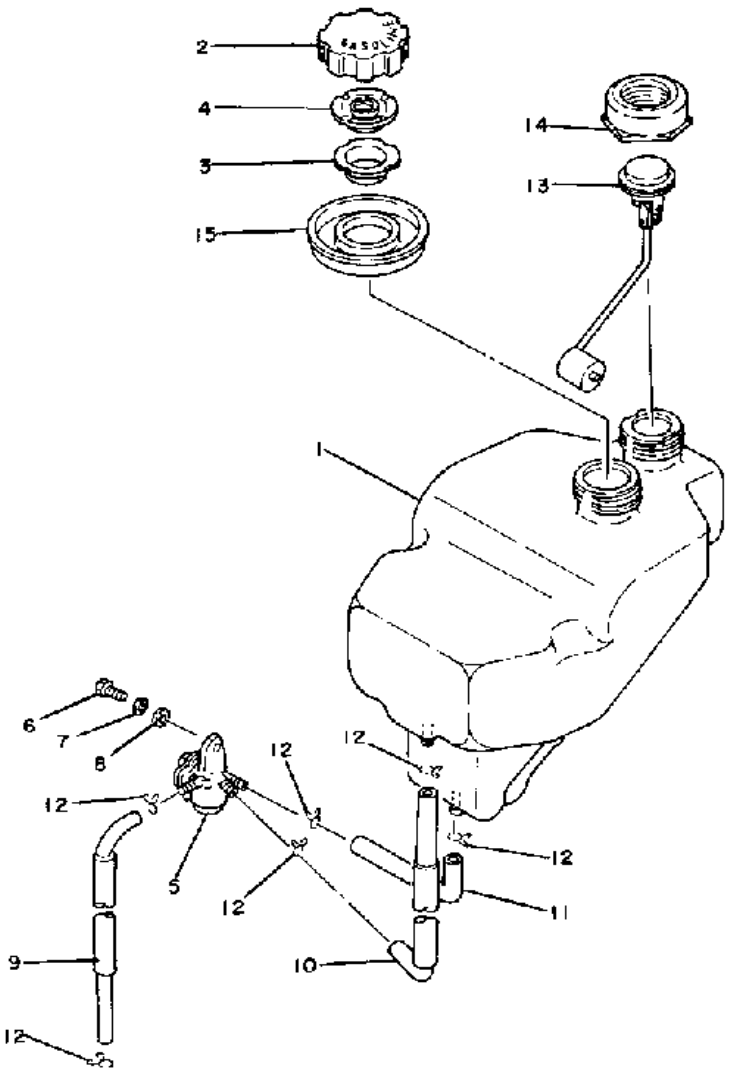
Ref. No.	Part Number	Description	Qty	Remarks
25	92995-06100-00	WASHER, SPRING	2	
26	(90465-26165-00)	CLAMP	1	

OIL TANK



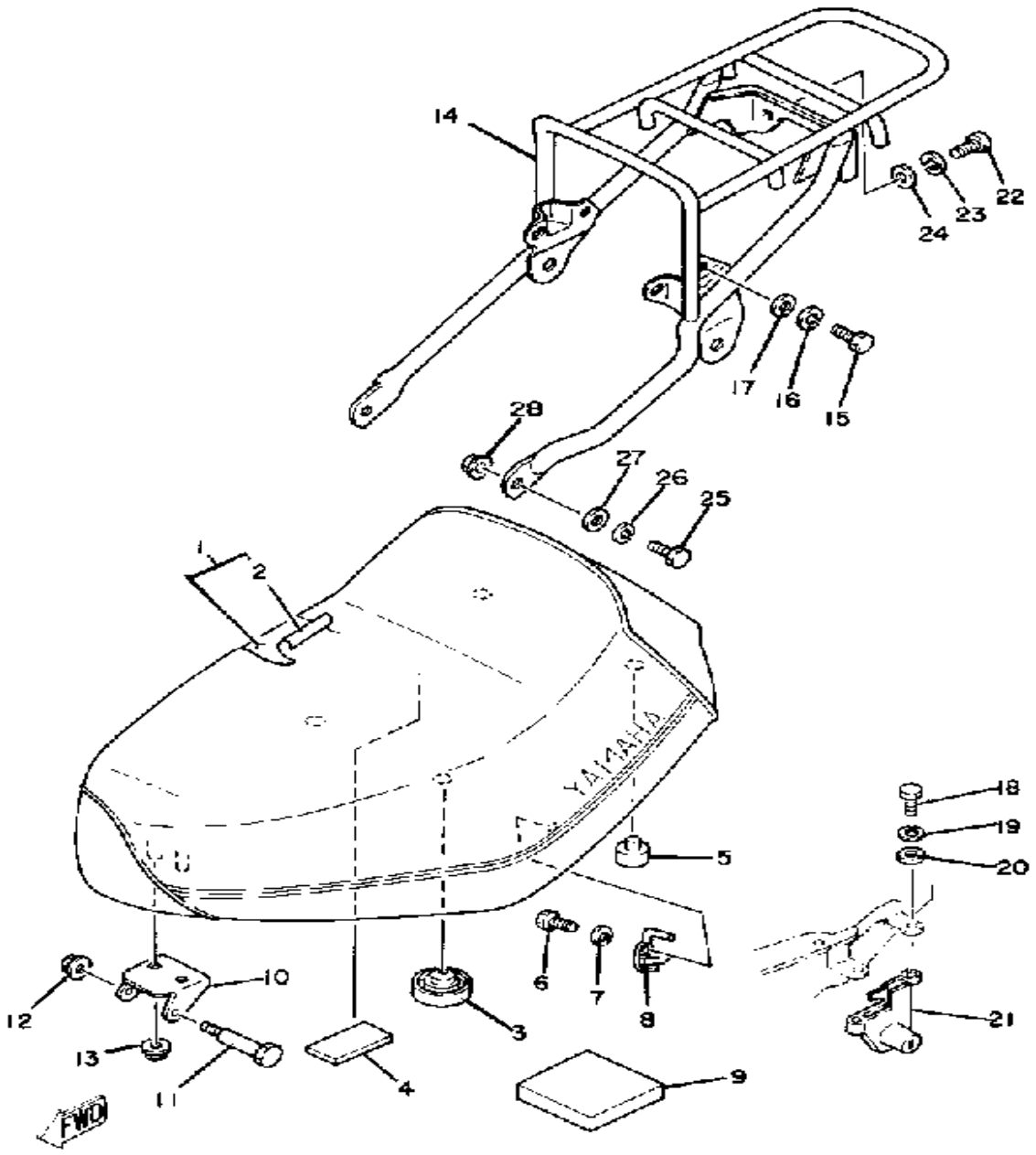
Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-21751-01-00	TANK, OIL	1	
2	1WG-2143A-00-00	CAP	1	
3	(4J2-21779-00-00)	DAMPER, LOCATING 2	2	
4	(4J2-21798-01-00)	BRACKET, DAMPER	1	
5	(4J2-21773-00-00)	GROMMET	1	
6	(4J2-21763-01-00)	GASKET, LEVEL GAUGE	1	
7	(90445-09514-00)	HOSE	1	
8	90467-11102-00	CLIP, SCISSOR	1	
9	90467-08003-00	CLIP	1	
10	(4J2-21745-00-00)	PIPE, OIL TNK BRTHR	1	
11	90467-08003-00	CLIP	1	
12	(90465-10148-00)	CLAMP	1	
13	4J2-21771-00-00	BODY, CAP	1	

FUEL TANK



Basic Color(s)	New White (W) Maxim Yellow (Y)
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 2.6 Lit. (0.7 Gal.) / 0.4 Lit. (0.1 Gal.)

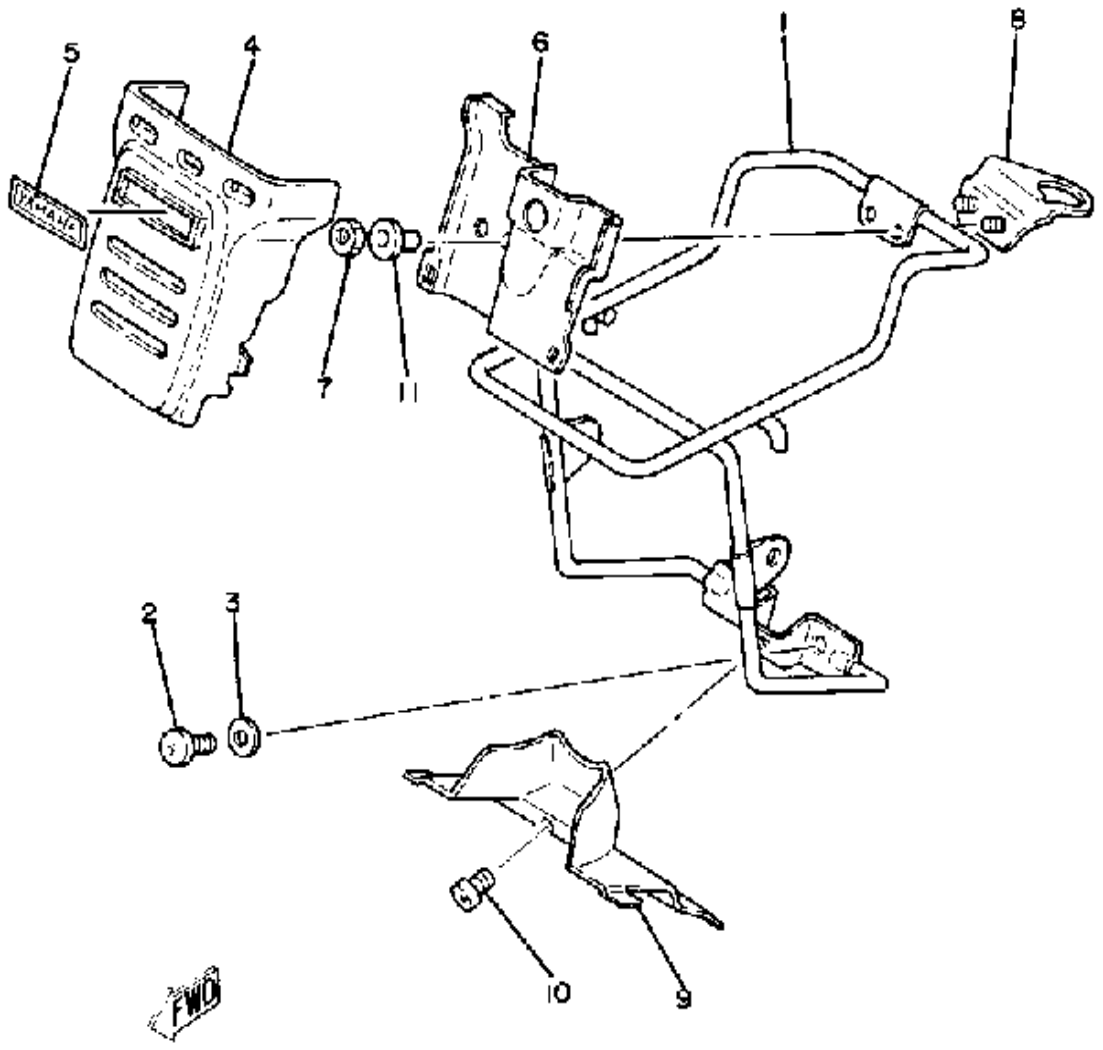
Ref. No.	Part Number	Description	Qty	Remarks
1	(5H9-24111-00-00)	FUEL TANK	1	
2	1L4-24610-00-0	UNAVAILABLE IN PRICE BOOK (1L4-24611-00)	1	
3	1L4-24615-00-00	GASKET, PLATE 1	1	
4	1L4-24616-00-00	GASKET, PLATE 2	1	
5	5N7-24500-00-	UNAVAILABLE IN PRICE BOOK	1	
6	97313-06016-00	BOLT, HEXAGON	1	
7	92995-06100-00	WASHER, SPRING	1	
8	90201-061A5-00	WASHER, PLATE	1	
9	(5H9-24313-00-00)	PIPE 3	1	
10	(5H9-24311-00-00)	PIPE, FUEL 1	1	
11	(5H9-24312-00-00)	PIPE 2	1	
12	90467-08003-00	CLIP	6	
13	5H9-24260-01-00	FUEL METER ASSEMBLY (5N7-24260-00)	1	
14	4J2-24261-00-00	HOUSING, FUEL METER	1	
15	(4J2-24142-00-00)	FILLER, TANK CAP	1	



SEAT

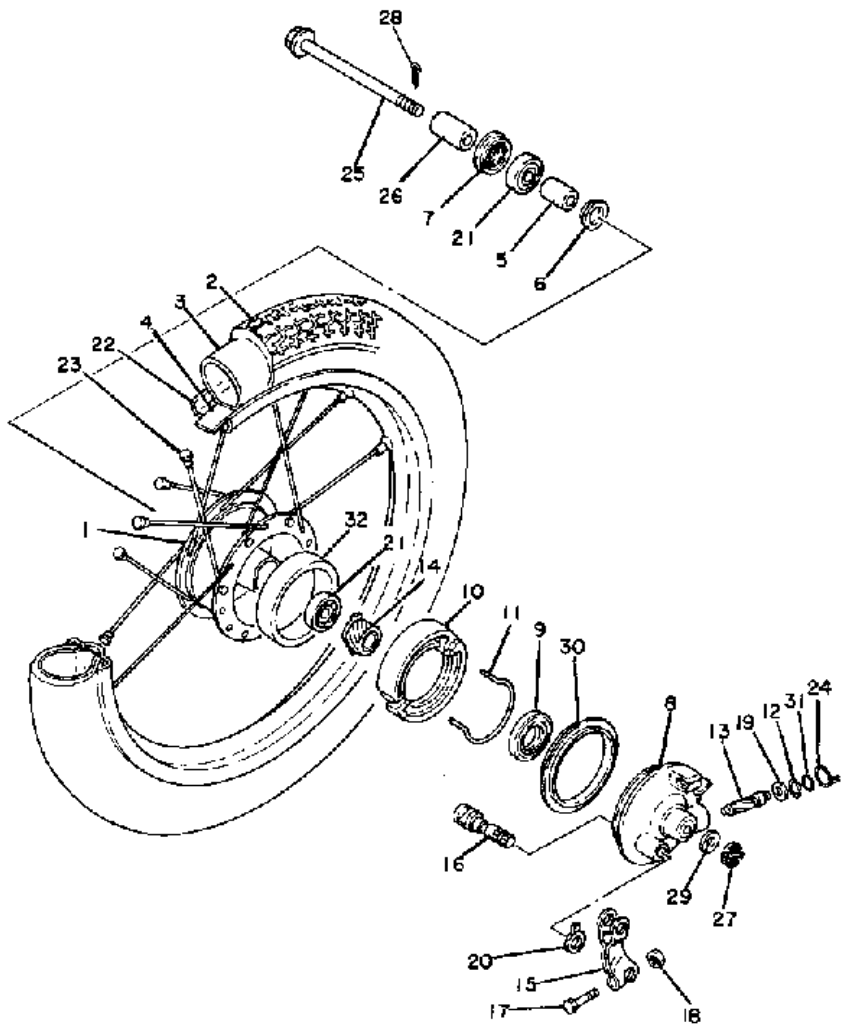
Ref. No.	Part Number	Description	Qty	Remarks
1	5H9-W2471-00-00	SINGLE SEAT ASSEMBLY	1	
2	5H9-24711-00-00	. COVER, SINGLE SEAT	1	
3	3L8-24724-00-00	DAMPER, SEAT	2	
4	4K5-2814E-10-00	HOOK	1	
5	278-27114-00-00	STOPPER, MAIN STAND	2	
6	97013-06012-00	BOLT	1	
7	92995-06100-00	WASHER, SPRING	1	
8	(5H9-24754-02-00)	HOOK, SEAT	1	
9	(5H9-24724-00-00)	DAMPER, SEAT	1	
10	(4J2-24726-01-00)	HINGE, SEAT	1	
11	(90109-06581-00)	BOLT	1	
12	95701-06500-00	NUT, FLANGE	1	
13	95701-06500-00	NUT, FLANGE	2	
14	(5N7-24842-00-00)	CARRIER, REAR	1	
15	97313-08020-00	BOLT, HEXAGON	2	
16	92990-08100-00	WASHER	2	
17	92901-08600-00	WASHER	2	
18	97013-06012-00	BOLT	2	
19	92995-06100-00	WASHER, SPRING	2	
20	90201-061A5-00	WASHER, PLATE	2	
21	5H9-24705-00-00	SEAT LOCK ASSEMBLY	1	
22	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
23	92995-06100-00	WASHER, SPRING	2	
24	90201-061A5-00	WASHER, PLATE	2	
25	97313-08020-00	BOLT, HEXAGON	2	
26	92990-08100-00	WASHER	2	
27	92901-08600-00	WASHER	2	
28	95701-08500-00	NUT, FLANGE	2	

CARRIER



Ref. No.	Part Number	Description	Qty	Remarks
1	5N7-24841-00-00	CARRIER, FRONT	1	
2	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
3	90201-061A5-00	WASHER, PLATE	2	
4	5N7-23391-00-00	PANEL, FRONT	1	
5	4J2-23395-00-00	EMBLEM	1	
6	5N7-23397-00-00	PANEL, FRONT 2	1	
7	95380-06600-00	NUT	2	
8	(4J2-24832-01-00)	BRACKET, CARRIER 1	1	
9	(5N7-21543-00-00)	PLATE 1	1	
10	98580-06012-00	SCREW, PAN HEAD	1	
11	90387-062M9-00	COLLAR	2	

FRONT WHEEL



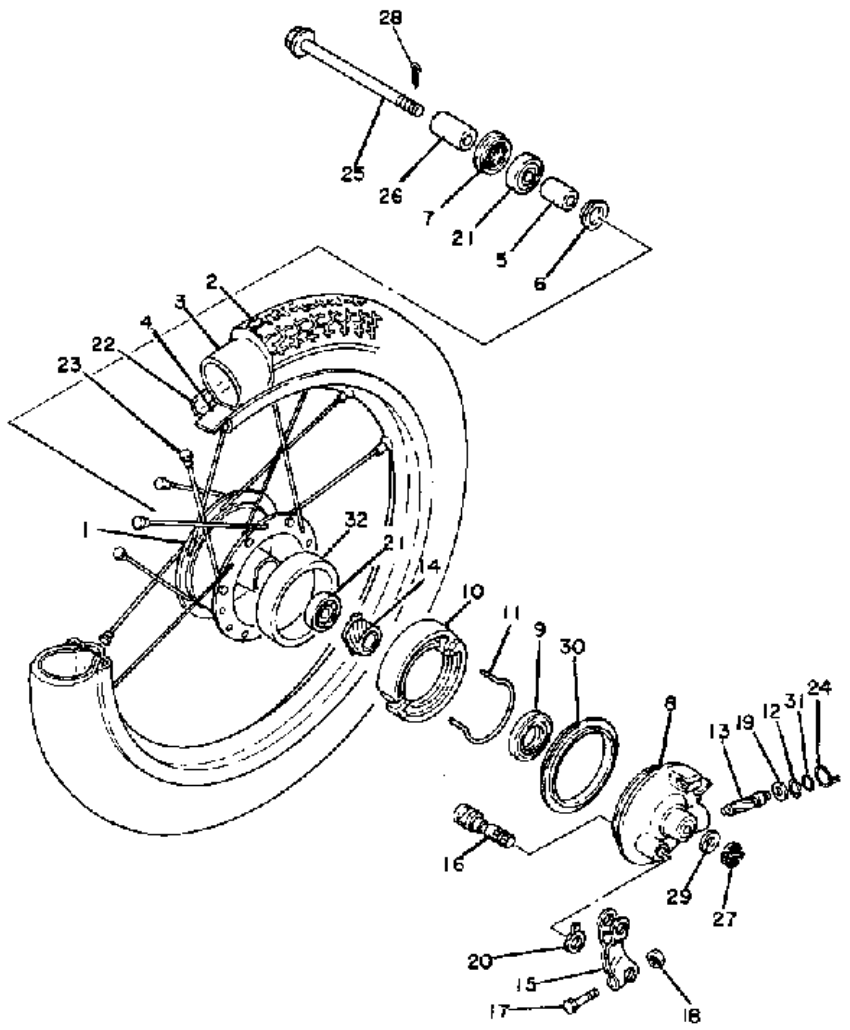
Ref. No.	Part Number	Description	Qty	Remarks
1	(3L5-25111-01-98)	HUB, FRONT	1	LOW GLOSS BLACK
2	94120-16462-00	200X16 IRC FRONT	1	
3	94220-16160-00	TUBE 200X 6	1	
4	94330-16058-00	BAND, RIM (3.00-16)	1	
5	90560-10173-00	SPACER	1	
6	2E9-25116-00-00	FLANGE, SPACER 2	1	
7	93106-17015-00	OIL SEAL	1	
8	(4J2-25121-00-98)	PLATE, BRAKE SHOE	1	LOW GLOSS BLACK
9	93109-34057-00	OIL SEAL	1	
10	2E9-W2535-00-00	BRAKESHOE SET-2PCS	2	
11	2E9-25133-00-00	SPRING, RETURN	1	
12	2T4-25137-00-00	RING, STOP	1	
13	4J2-25138-00-00	GEAR, METER	1	
14	4J2-25135-00-00	GEAR, DRIVE	1	
15	(4J2-25155-00-00)	LEVER, CAMSHAFT 1	1	
16	25K-25151-00-00	CAMSHAFT	1	
17	90101-05488-00	BOLT	1	
18	95380-05600-00	NUT	1	
19	90201-064L6-00	WASHER, PLATE	1	
20	3L8-2513A-00-00	PLATE, INDICATOR	1	
	92990-10200-00	WASHER, PLAIN	1	
21	93306-20005-00	BEARING (B6200)	2	U.R.
22	94412-16260-00	RIM 1.20X 6	1	
23	4J2-25104-00-00	SPOKE SET, FRONT	1	
24	2E9-25137-01-00	RING, STOP	1	
25	2E9-25181-00-00	AXLE, WHEEL	1	
26	90387-10620-00	COLLAR	1	
27	90171-10004-00	NUT, CASTLE	1	
28	91490-20020-00	PIN, COTTER	1	

FWD

Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm
Tire Size (Nomina) Pressure)	F:2.00/18 (1.25 kg/cm²/18 psi) R:2.25-14 (2.0 kg/cm²/28 psi)
Front Axle Nut	10 x 1.25: 5.5 m-kg

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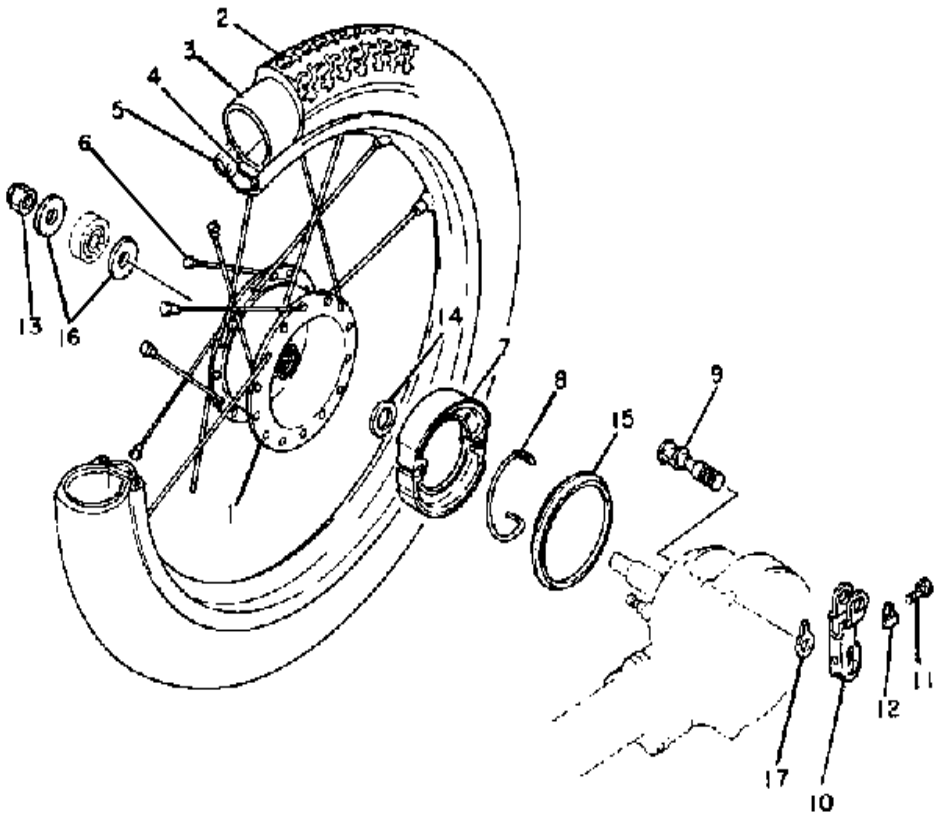
FRONT WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
30	3L5-25185-00-00	RING 1	1	
31	93210-10096-00	O-RING	1	
32	(4J2-25185-01-00)	RING 1	1	

FWD

Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm
Tire Size (Nomina) Pressure)	F:2.00-18 (1.25 kg/cm²/18 psi) R:2.25-14 (2.0 kg/cm²/28 psi)
Front Axle Nut	10 x 1.25: 5.5 m-kg

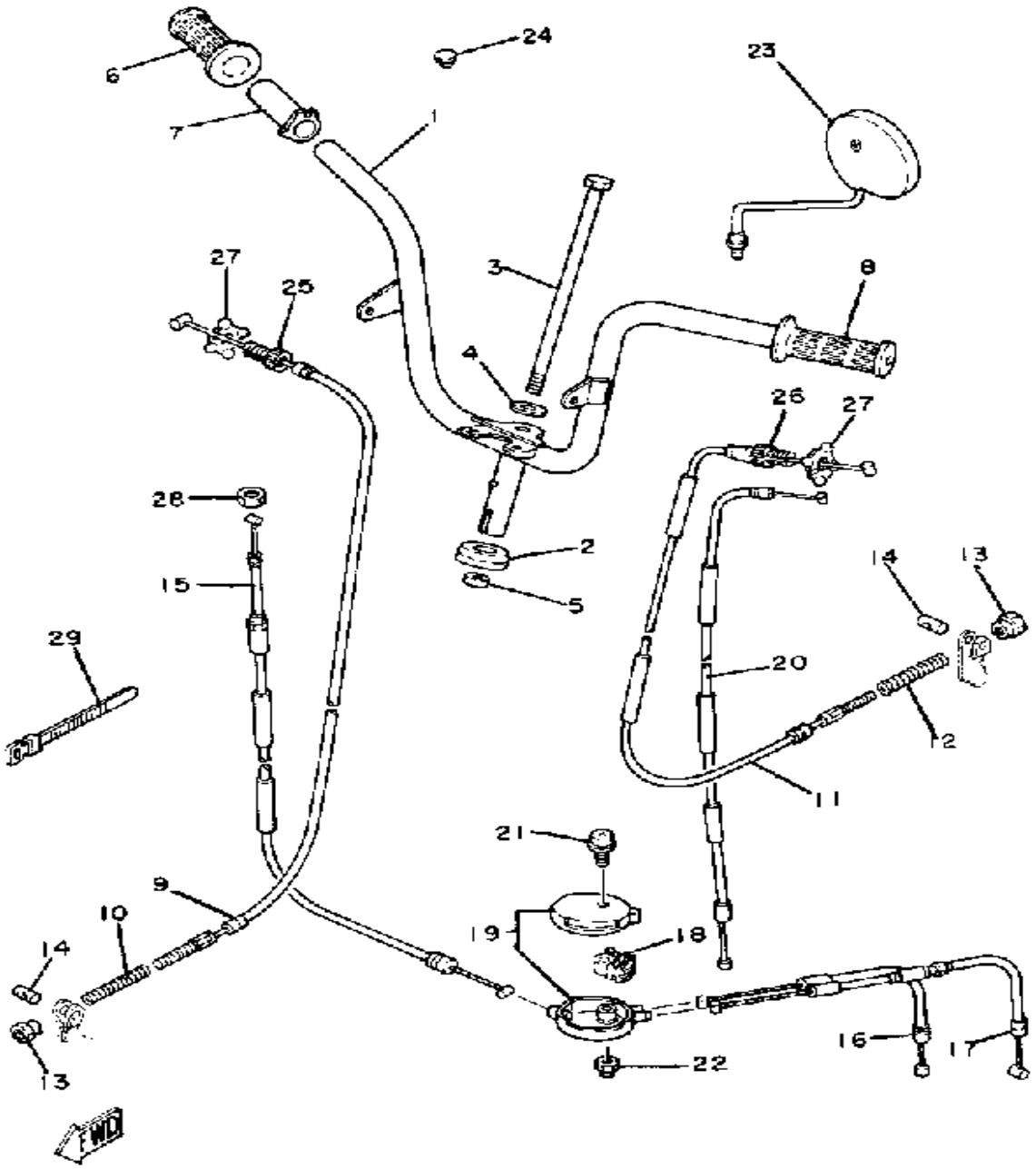


REAR WHEEL

Ref. No.	Part Number	Description	Qty	Remarks
1	3L5-25311-01-98	HUB, REAR	1	LOW GLOSS BLACK
2	94122-14461-00	225X14 IRC REAR	1	
3	94220-14143-00	TUBE 200X 4	1	
4	94327-14076-00	BAND, RIM (2.50-14) (94325-14099-00)	1	
5	94412-14261-00	RIM 1.20X 4	1	
6	4J2-25304-00-00	SPOKE SET, REAR	1	
7	2E9-W2535-00-00	BRAKESHOE SET-2PCS	2	
8	2E9-25133-00-00	SPRING, RETURN	1	
9	3L5-25351-00-00	CAMSHAFT	1	
10	3L5-25355-00-00	LEVER, CAMSHAFT	1	
11	90101-05396-00	BOLT	1	
12	2E9-25412-00-00	WASHER	1	
13	90185-12080-00	NUT, SELF-LOCKING	1	
14	90201-154E8-00	WASHER, PLATE (1.0T)	1	
15	3L5-25336-01-00	RING 2	1	
16	90387-125A5-00	COLLAR	2	
17	3L8-2513A-00-00	PLATE, INDICATOR	1	

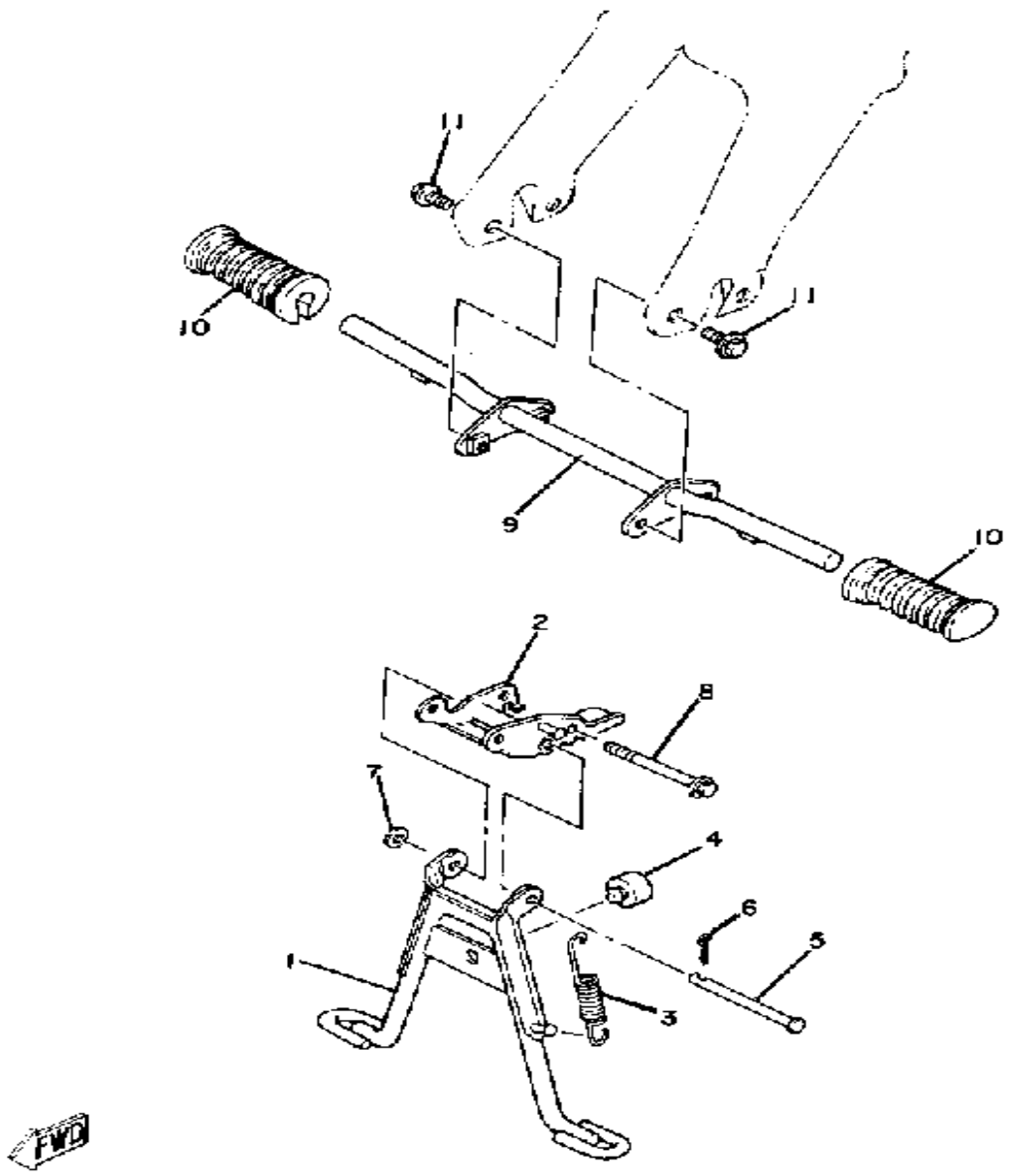
Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm
Tire Size (Nominal Pressure)	F:2.00-18 (1.25 kg/cm²/18 psi) R:2.25-14 (2.0 kg/cm²/28 psi)
Rear Axle Nut	12 x 1.25: 6.0 m-kg

HANDLEBAR - CABLE



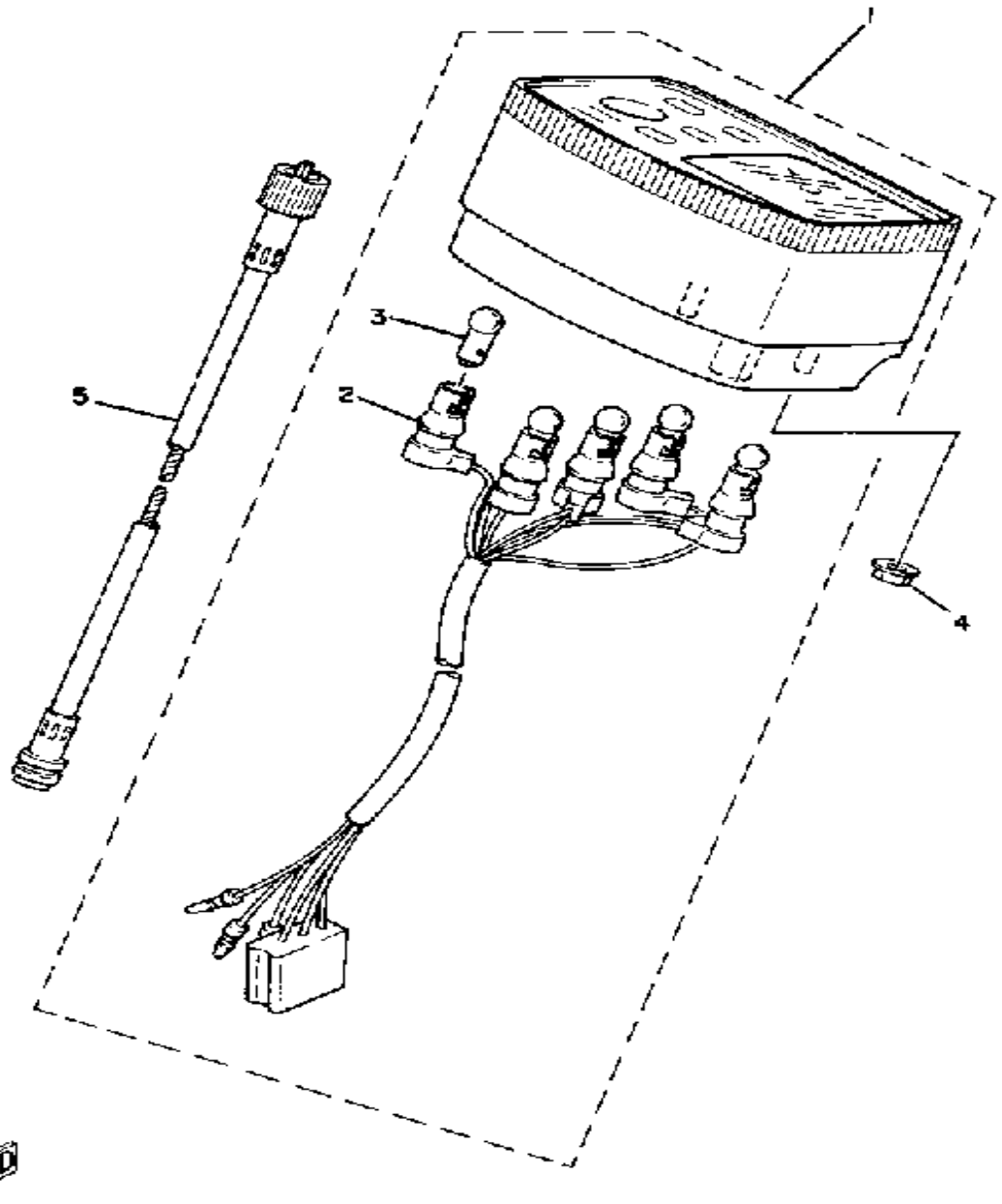
Ref. No.	Part Number	Description	Qty	Remarks
1	5N7-26110-00-00	HANDLEBAR	1	
2	3L5-23191-00-00	BOOT, FRONT FORK	1	
3	90106-08036-00	BOLT, DOME HEAD	1	
4	90201-08439-00	WASHER, PLATE	1	
5	2E9-26128-00-00	CONE, EXPANDER	1	
6	353-26242-00-00	GRIP RH	1	
7	3T5-26243-00-00	TUBE, THRTL GUIDE	1	
8	353-26241-00-00	GRIP LH	1	
9	5N7-26341-00-00	CABLE, BRAKE	1	
10	90501-10513-00	SPRING, COMPRESSION	1	
11	5N7-26351-00-00	CABLE, BRAKE	1	
12	90501-10074-00	SPRING, COMPRESSION	1	
13	90179-06411-00	NUT	2	
14	90249-12008-00	PIN	2	
15	5N7-26311-00-00	CABLE, THROTTLE 1	1	
16	5H9-26312-00-00	CABLE, THROTTLE 2	1	
17	5H9-26321-00-00	CABLE, PUMP	1	
18	2E9-26263-01-00	PIECE, CONNECTING	1	
19	2T4-26270-01-00	CBLE CONCT CAP ASSEMBLY	1	
20	5N7-26331-00-00	CABLE, STARTER 1	1	
21	90159-05029-00	SCREW, WITH WASHER	1	
22	90176-05024-00	NUT, CROWN	1	
23	1Y0-26290-10-00	MIRROR ASSEMBLY LH	1	
24	90338-07011-00	PLUG, SPEC''L SHAPE	1	
25	90123-08046-00	BOLT	1	
26	90123-08013-00	BOLT	1	
27	90179-08316-00	NUT	2	
28	90170-10038-00	NUT, HEXAGON	1	
29	J45-83936-00-00	BAND, SWITCH CORD	2	

STAND - FOOTREST



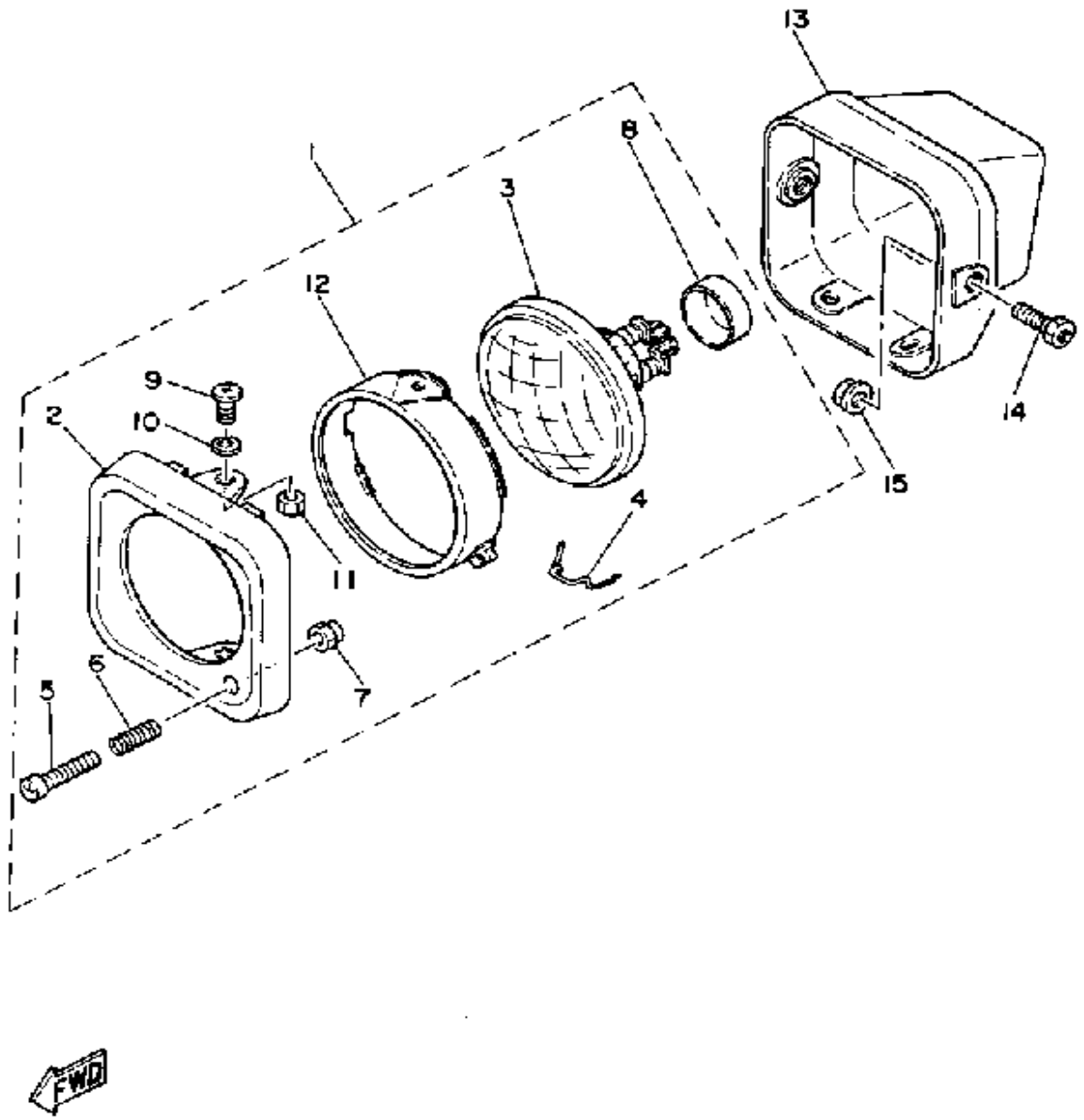
Ref. No.	Part Number	Description	Qty	Remarks
1	4J2-27111-01-33	STAND, MAIN	1	YAMAHA BLACK
2	3L5-27151-02-00	BRACKET, MAIN STAND	1	
3	90506-29052-00	SPRING, TENSION	1	
4	278-27114-00-00	STOPPER, MAIN STAND	1	
5	90240-08121-00	PIN, CLEVIS	1	
6	90468-12006-00	CLIP	1	
7	92901-08600-00	WASHER	1	
8	90105-06301-00	BOLT, WASHER BASED	2	
9	4J2-27411-02-33	FOOTREST 1 (4J2-27411-02)	1	
10	441-27413-01-00	COVER, FOOTREST	2	
11	95811-08016-00	BOLT, FLANGE	4	

METER

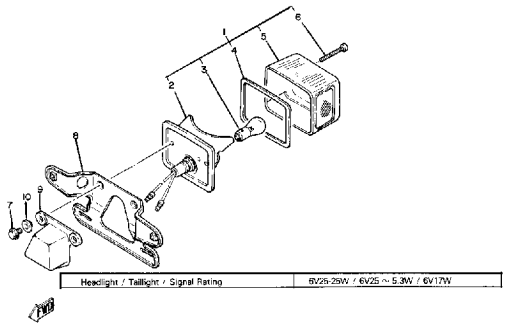


Ref. No.	Part Number	Description	Qty	Remarks
1	5N7-83510-A0-00	SPEEDOMETER ASSEMBLY . .	1	U.R. FOR U.S.A. MILE/H
2	5N7-83509-A0-00	SOCKET CORD ASSEMBLY . .	1	
3	122-83516-10-00	BULB (122-83516-10)	5	
4	95701-05500-00	NUT, FLANGE	2	
5	5M0-83550-00-00	SPEEDOMETER CABLE	1	

HEADLIGHT



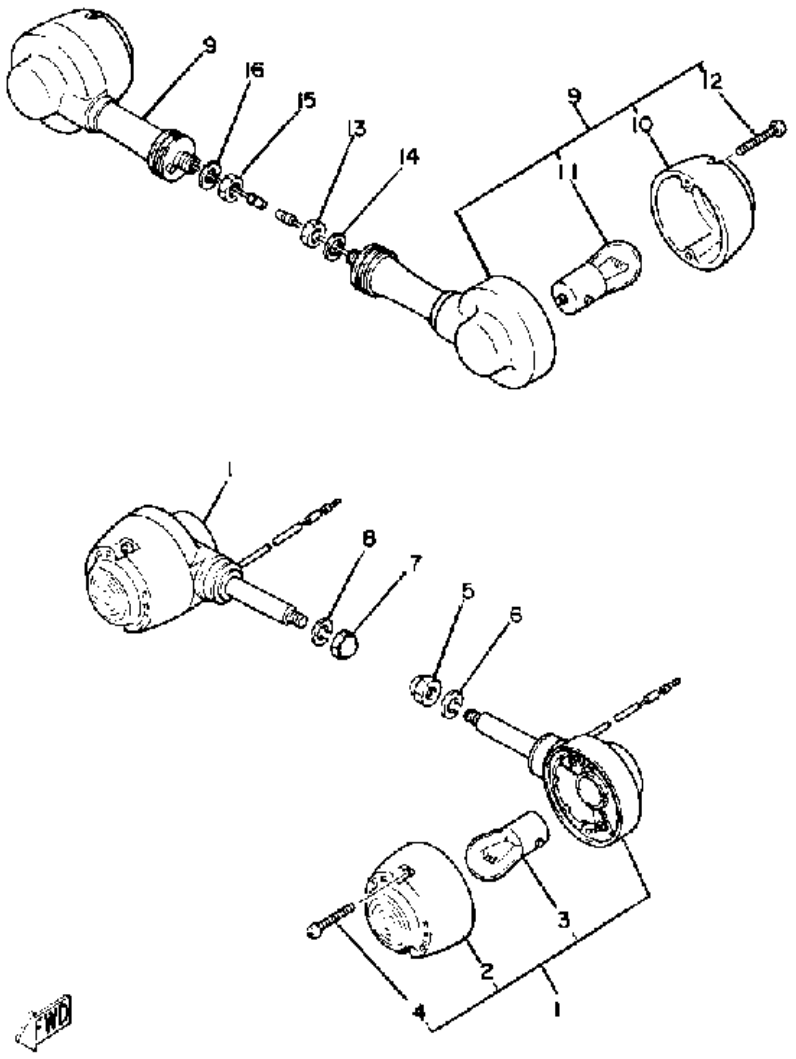
Ref. No.	Part Number	Description	Qty	Remarks
1	¢5N-78411-06-00	UNAVAILABLE IN PRICE BOOK	1	N/A
2	(5N7-84115-60-00)	RIM, HEADLIGHT	1	
3	5N7-84120-60-00	LENS ASSEMBLY	1	
4	1M1-84124-60-00	SPRING, SET	3	
5	98580-04055-00	SCREW, LENS FITTING	1	
6	341-84332-60-00	SPRING, SCREW	1	
7	198-84334-60-00	NUT, ADJUSTING	1	
8	341-84397-61-00	COVER, SOCKET	1	
9	438-84194-60-00	RING, MOUNTING	2	
10	92990-05100-00	WASHER, SPRING	2	
11	95380-05600-00	NUT	2	
12	(5N7-84195-60-00)	RING, RETAINING	1	
13	5N7-84111-70-00	BODY, HEADLIGHT	1	U.R. MAXIM YELLOW
	5N7-84111-70-00	BODY, HEADLIGHT	1	U.R. NEW WHITE
14	90109-08534-00	BOLT	2	
15	95701-08500-00	NUT, FLANGE	2	



TAILLIGHT

Ref. No.	Part Number	Description	Qty	Remarks
1	2F4-84510-60-00	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	95811-06020-00	BOLT, FLANGE	2	MELLOW WHITE
8	3L8-84551-00-00	BRACKET, LICENCE	1	
9	3L8-84544-00-00	COVER	1	
10	90387-06681-00	COLLAR	2	

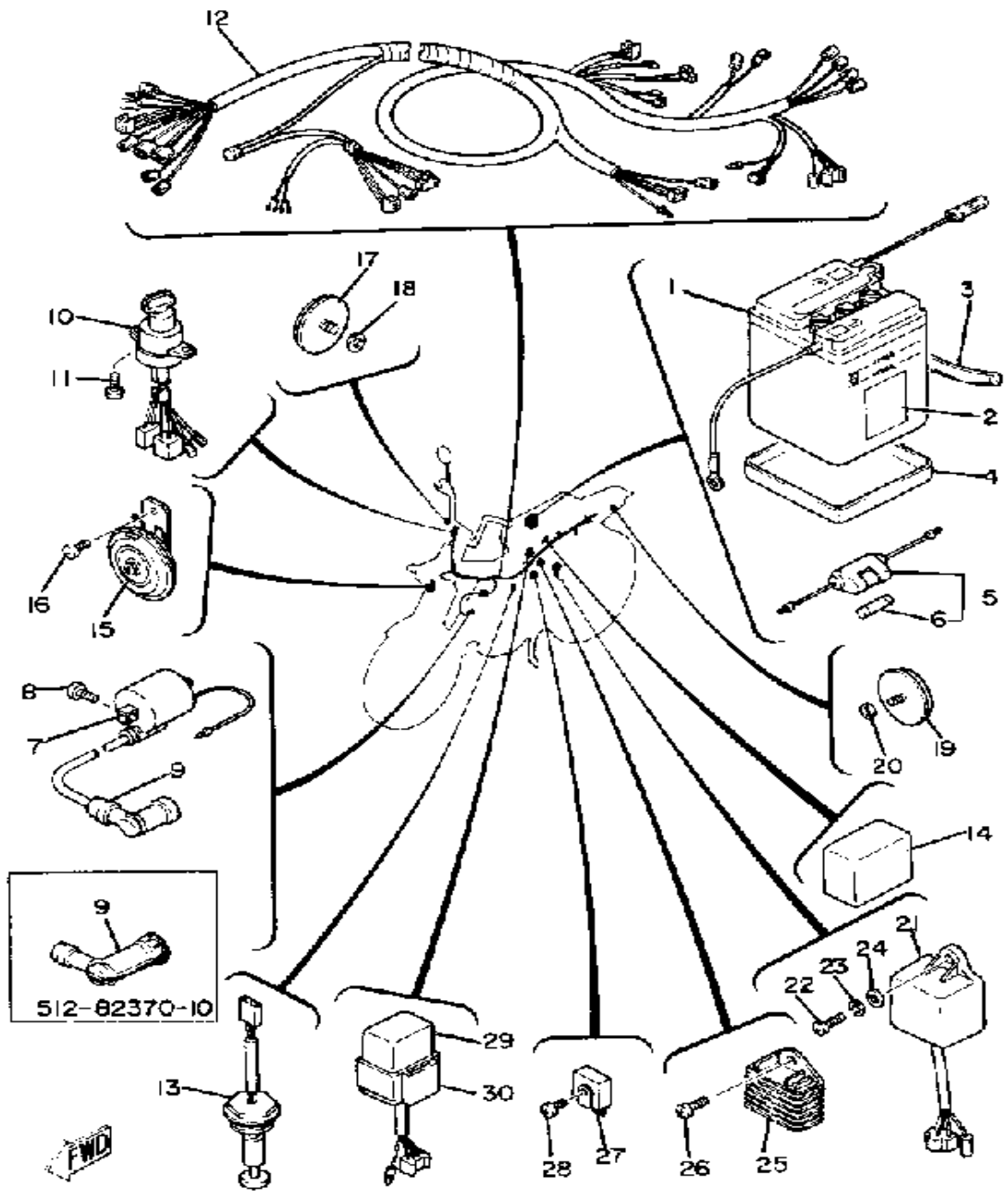
TURNSIGNAL



Headlight / Taillight / Signal Rating	6V25-25W / 6V25 ~ 5.3W / 6V17W

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

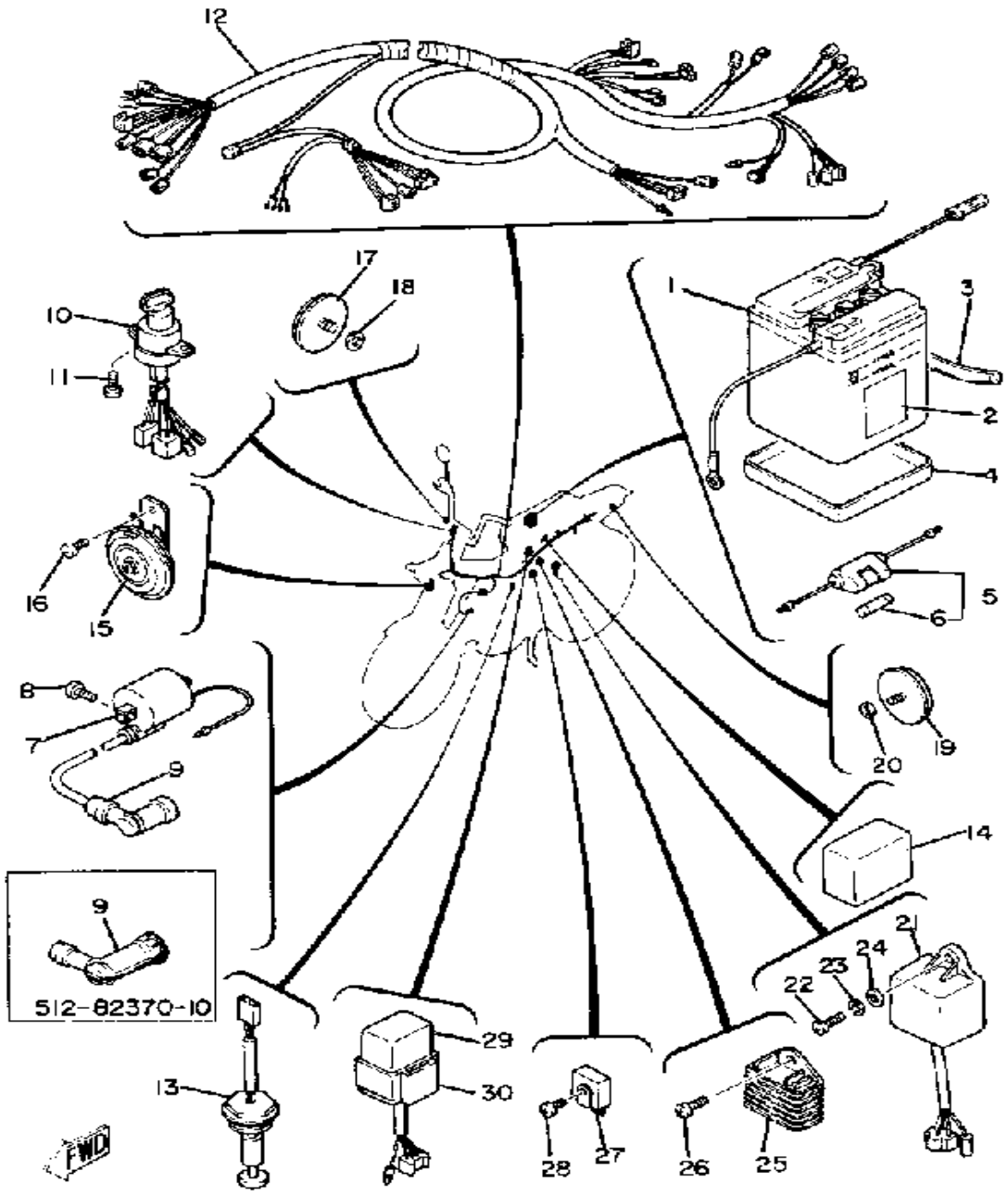
ELECTRICAL 1



Ref. No.	Part Number	Description	Qty	Remarks
1	BTG-6N42A-20-00	GS 6N4-2A-2 (6N4-2A-2) (308-82110-10)	1	
2	118-82141-09-00	LABEL, BATTERY	1	
3	(5H9-82112-00-00)	PIPE, BREATHER	1	
4	268-82122-00-00	SEAT, BATTERY	1	
5	55K-82150-01-00	FUSE HOLDER ASS''Y (55K-82150-00-00)	1	
6	116-82151-00-00	FUSE (10A)	1	
7	5M0-82310-M0-00	IGNITION COIL ASSEMBLY	1	
8	98503-06014-00	SCREW, PAN HEAD (92502-06016)	2	
9	512-82370-10-00	PLUG CAP ASSEMBLY	1	U.R. WITH NOISE SUPPRESSOR
	56J-82370-00-00	PLUG CAP ASSEMBLY	1	U.R.
10	4J2-82508-20-00	MAIN SWITCH ASSEMBLY	1	
11	98901-04016-00	SCREW, BIND	2	
12	5N7-82590-20-00	WIRE HARNESS ASSEMBLY	1	
13	4J2-85720-00-00	OIL LVL GAUGE ASSEMBLY	1	
14	3BK-83350-00-00	FLASHER RELAY ASSEMBLY	1	
15	36X-83371-11-00	HORN	1	
16	98580-06010-00	SCREW, PAN HEAD (92503-06010)	1	
17	355-85111-01-00	REFLECTOR, FRONT 1	2	
18	90430-06012-00	GASKET	2	
19	449-85131-02-00	REFLECTOR, REAR 1	2	
20	90430-06012-00	GASKET	2	
21	3L4-85540-M1-00	CDI UNIT ASSEMBLY (5G3-85540-M0)	1	
22	98580-06018-00	SCREW, PAN HEAD	1	
23	92995-06100-00	WASHER, SPRING	1	
24	90201-061A5-00	WASHER, PLATE	1	

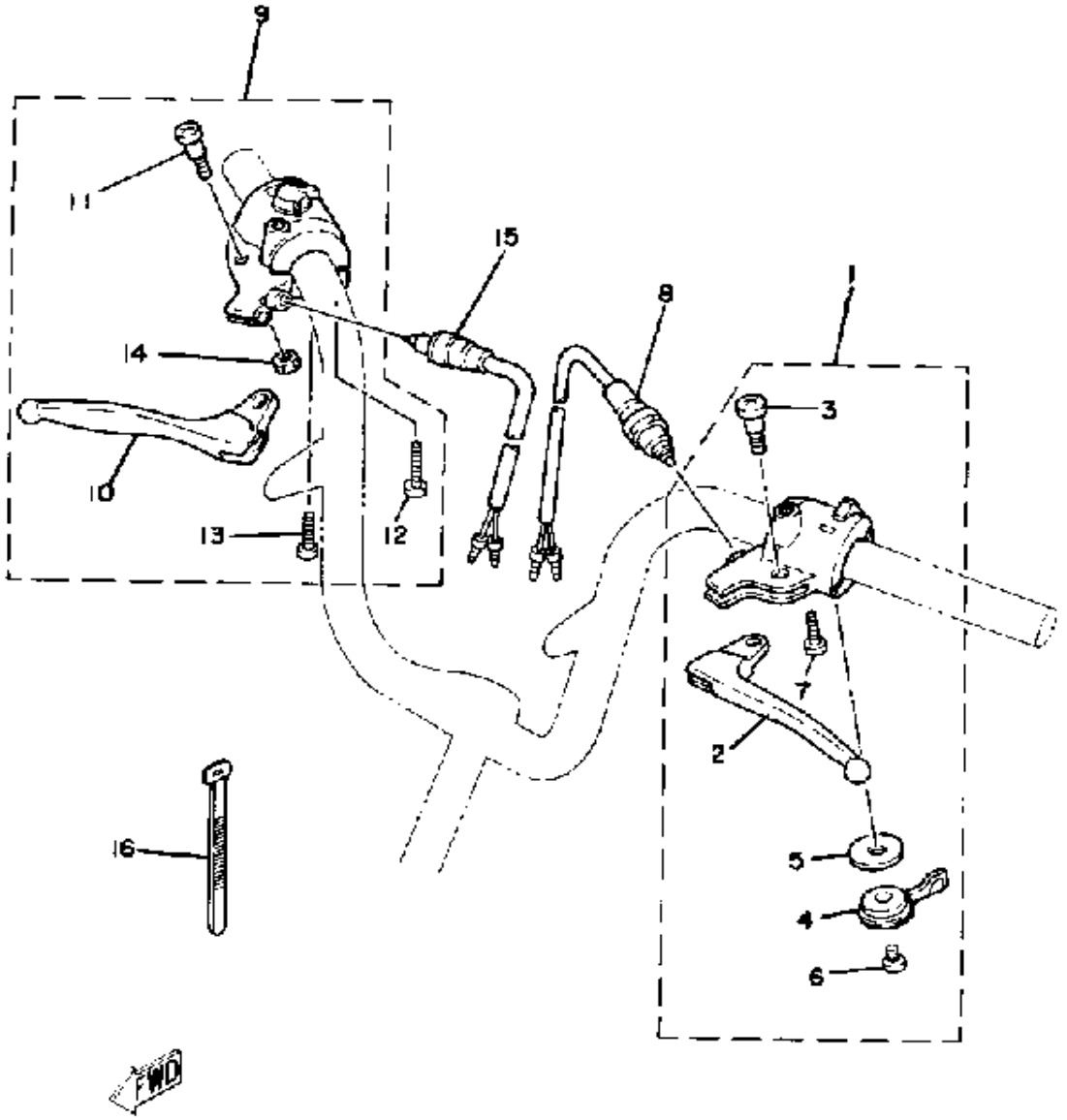
CONTINUED ON NEXT FRAME ➤

ELECTRICAL 1



Ref. No.	Part Number	Description	Qty	Remarks
25	4F4-81910-60-00	VOLTAGE REG ASSEMBLY	1	
26	98580-06012-00	SCREW, PAN HEAD	1	
27	353-81970-63-00	RECTIFIER ASSEMBLY	1	
28	98580-05016-00	SCREW, PAN HEAD	1	
29	5N7-85590-M0-00	CONTROL UNIT ASSEMBLY	1	
30	4J2-85546-00-00	BAND	1	

HANDLE SWITCH-LEVER



Ref. No.	Part Number	Description	Qty	Remarks
1	5N7-W8271-31-00	LEVER, HOLDER ASSEMBLY (5N7-W8271-30)	1	
2	137-83912-02-38	LEVER L	1	
3	90149-05120-00	SCREW, SPEC''L SHAPE	1	
4	439-83941-02-00	LEVER, STARTER	1	
5	90209-10131-00	WASHER	1	
6	98580-06008-00	SCREW, PAN HEAD	1	
7	98580-05020-00	SCREW, PAN HEAD	3	
8	395-83980-00-00	STOP SWITCH ASSEMBLY	1	
9	3L9-W8292-31-00	LEVER HOLDER ASSEMBLY R	1	
10	137-83912-02-38	LEVER L	1	
11	90149-05120-00	SCREW, SPEC''L SHAPE	1	
12	98501-05030-00	SCREW, PAN HEAD	1	
13	98580-05020-00	SCREW, PAN HEAD	1	
14	95601-05100-00	NUT, U	1	
15	395-83980-00-00	STOP SWITCH ASSEMBLY	1	
16	437-83936-01-00	BAND, SWITCH CORD	2	

MJ50J
1982 SERVICE DATA

MODEL - IBM I.D. NUMBER	MJ50J-W MJ50J-Y 5N7
Initial Engine Number / Frame Number	5N7-000101 / 5N7-000101
Basic Color(s)	New White (W) Maxim Yellow (Y)
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 2.8 Lit. (0.7 Gal.) / 0.4 Lit. (0.1 Gal.)
Dry Vehicle Weight	50 kg (110 lbs.)
ENGINE TYPE	2-Stroke, Single, Air-Cooled, Reed Valve
Bore/Stroke/Number Cylinders/Displacement (cc)	40mm / 39.2mm / 1 / 49cc
Compression Ratio/Compression Pressure Min~Max	6.0:1 / NA
Piston Skirt Clearance New / Max	0.035 ~ 0.047mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / ø
Valve Clearance (Cold) Intake / Exhaust	ø
Oil Pressure Hot / rpm	ø
Oiling System	Autolube
Capacity: Dry	0.7 Lit. (0.7 Qts.)
Oil and Filter Change	ø
Oil Change	ø
Lubricant: Temp. Above 5°C (40°F)	Yamalube 2* or Equivalent
Temp. Below 15°C (60°F)	Yamalube 2* or Equivalent
AUTOLUBE - Min Stroke / Color Code	0.25 ~ 0.35mm Yellow
Minimum Output @ 200 Cycles	0.48 ~ 0.67cc
Maximum Output @ 200 Cycles	1.92 ~ 2.21cc
CARBURETOR - Mfr. / Type / I.D. Number	Mikuni / VM12SC / 4J2-00
Main Jet / Pilot Jet	72.5 / 40
Needle Jet / Jet Needle-Clip Position	E-6 / 3X1-2
Slide Cutaway or Throttle Valve	4.0
Float Level / Fuel Level	22 ± 1mm / NA
Idle rpm	1700 rpm
Max CO⊕ / Max HC⊕ / Set CO	ø
SUSPENSION	
Front Forks: Oil Type / Level / Qty	ø
Air Pressure Min ~ Max / Standard	ø
Spring Length Std	108mm
Monoshock: Oil Type / Qty	ø
Air Pressure Min ~ Max / Standard	ø
Minimum Brake Lining Thickness	Front: 2mm Rear: 2mm
Tire Size (Nominal Pressure)	F:2.00-16 (1.25 kg/cm²/18 psi) R:2.25-14 (2.0 kg/cm²/28 psi)
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	SAE 10W30 SE / 450cc / 500cc
Primary Drive Type / Teeth / Ratio	Helical Gear / 1st: 63-22 2.864; 2nd: 61-33 1.848
Secondary Drive Type / Teeth / Chain	Shaft Drive / 19-15 x 54-11
Clutch Friction Plate Thickness Std ~ Min	ø (Centrifugal Shoe Type) / 1.0mm
Clutch Spring Length Std ~ Min	ø
Middle Gear Case Capacity	ø
Final Gear Case Capacity	Grease: Approx. 10g
Gear Case Lubricant: Temp. Above 5°C (40°F)	ø
Temp. Below 15°C (60°F)	ø
All Weather Conditions	Wheel Bearing Grease

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

FILE MOTORCYCLE — 50 SECTION | DATE 5/8/81 | BUL M81-022

CHARGING SYSTEM	CDI Magneto / Single-Phase / Half Wave
Battery: Model / Specific Gravity / Charge Rate	GS 6N4-2A-2 (6V4AH) / 1.26 / 0.4A
Maximum Output	7.7V 2.0A @ 8000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	ø
Charge Coil Color Code / Ω	Wht-Blk / 0.27 Ω ± 20%
IGNITION SYSTEM	Capacitor-Discharge Ignition
Ignition Timing	0.94mm BTDC
Spark Plug Type	NGK BP4HS
Spark Plug Gap / Torque / Cap Ω	0.6 ~ 0.7mm / 2.0 m-kg / 5K Ω ± 20%
Point Gap / Condenser Capacitance	ø / ø
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6 Ω ± 10% / 6.6K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red ~ Blk / 20 Ω ± 10%
Source Coil Color Code / Ω	Blk-Red ~ Blk / .307 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V25-25W / 6V25 ~ 5.3W / 6V17W
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Blu ~ Blk / 0.18 Ω ± 20%
TORQUE VALUES	
Front Axle Nut	10 x 1.25: 5.5 m-kg
Front Axle Holder Nut	ø
Rear Axle Nut	12 x 1.25: 6.0 m-kg
Rear Axle Pinch Bolt	ø
Clutch Nut	ø
Drain Plug	8 x 1.25: 1.5 m-kg
Cylinder Head Cover	ø
Cylinder Head:	6 x 1.0: 1.0 m-kg
Engine Mounting Bolts:	10 x 1.25: 5.0 m-kg

ø = Does Not Apply To This Model
NA = Information Not Available

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PAGE 2 OF 2

CHARGING SYSTEM	CDI Magneto / Single-Phase / Half Wave
Battery: Model / Specific Gravity / Charge Rate	GS 6N4-2A-2 (6V4AH) / 1.26 / 0.4A
Maximum Output	7.7V 2.0A @ 8000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	Ø
Charge Coil Color Code / Ω	Wht-Blk / 0.27 Ω ± 20%
IGNITION SYSTEM	Capacitor-Discharge Ignition
Ignition Timing	0.94mm BTDC
Spark Plug Type	NGK BP4HS
Spark Plug Gap / Torque / Cap Ω	0.6 ~ 0.7mm / 2.0 m-kg / 5K Ω ± 20%
Point Gap / Condenser Capacitance	Ø / Ø
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	7mm / 1.6 Ω ± 10% / 6.6K Ω ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Wht-Red ~ Blk / 20 Ω ± 10%
Source Coil Color Code / Ω	Blk-Red ~ Blk / .307 Ω ± 10%
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	6V25-25W / 6V25 ~ 5.3W / 6V17W
TROUBLESHOOTING	
Lighting Coil Color Code / Ω	Blu ~ Blk / 0.18 Ω ± 20%
TORQUE VALUES	
Front Axle Nut	10 x 1.25: 5.5 m-kg
Front Axle Holder Nut	Ø
Rear Axle Nut	12 x 1.25: 6.0 m-kg
Rear Axle Pinch Bolt	Ø
Clutch Nut	Ø
Drain Plug	8 x 1.25: 1.5 m-kg
Cylinder Head Cover	Ø
Cylinder Head:	6 x 1.0: 1.0 m-kg
Engine Mounting Bolts:	10 x 1.25: 5.0 m-kg

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