

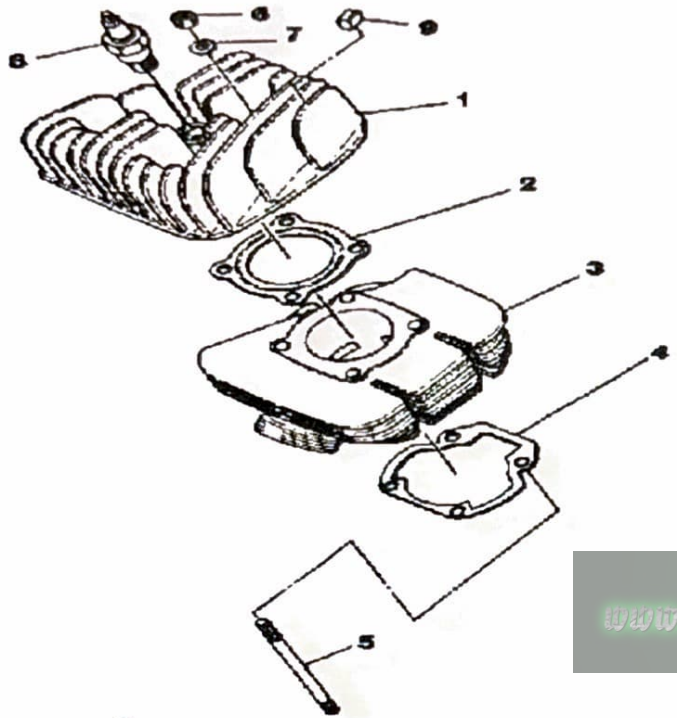


YAMAHA

**GENUINE
PARTS CATALOGUE
MOTORCYCLE**

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CYLINDER GT80E - GT80E~009161 - GT80E



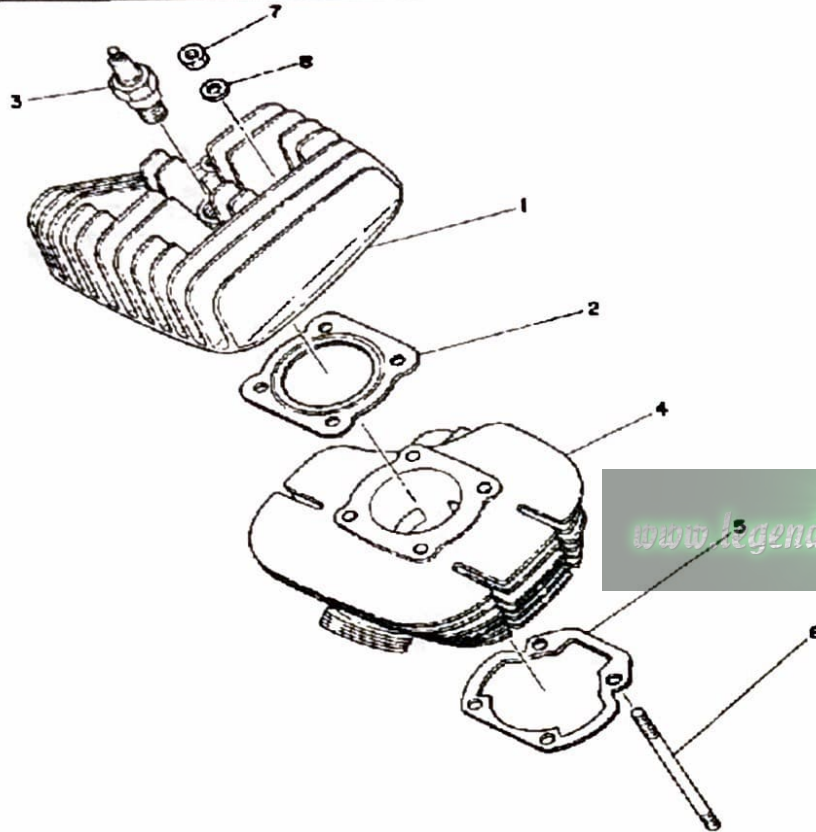
Ref. No.	Part Number	Description	Qty	Remarks
1	2A4-11111-00-00	HEAD, CYLINDER 1	1	
2	1F5-11181-00-00	GASKET, CYLINDER HEAD 1	1	E-009161 F
	2F4-11181-00-00	GASKET, CYLINDER HEAD 1 (80E)	1	
3	2A4-11311-00-00	CYLINDER 1	1	
4	367-11351-00-00	GASKET, CYLINDER	1	
5	90116-06026-00	BOLT, STUD	4	
6	95380-06600-00	NUT, HEXAGON	4	
7	92990-06200-00	WASHER, PLAIN	4	
8	NGK-B7HS0-00-00	NGK B7HS 10PK	1	
9	434-11161-00-00	ABSORBER 1	1	



CYLINDER GT80G

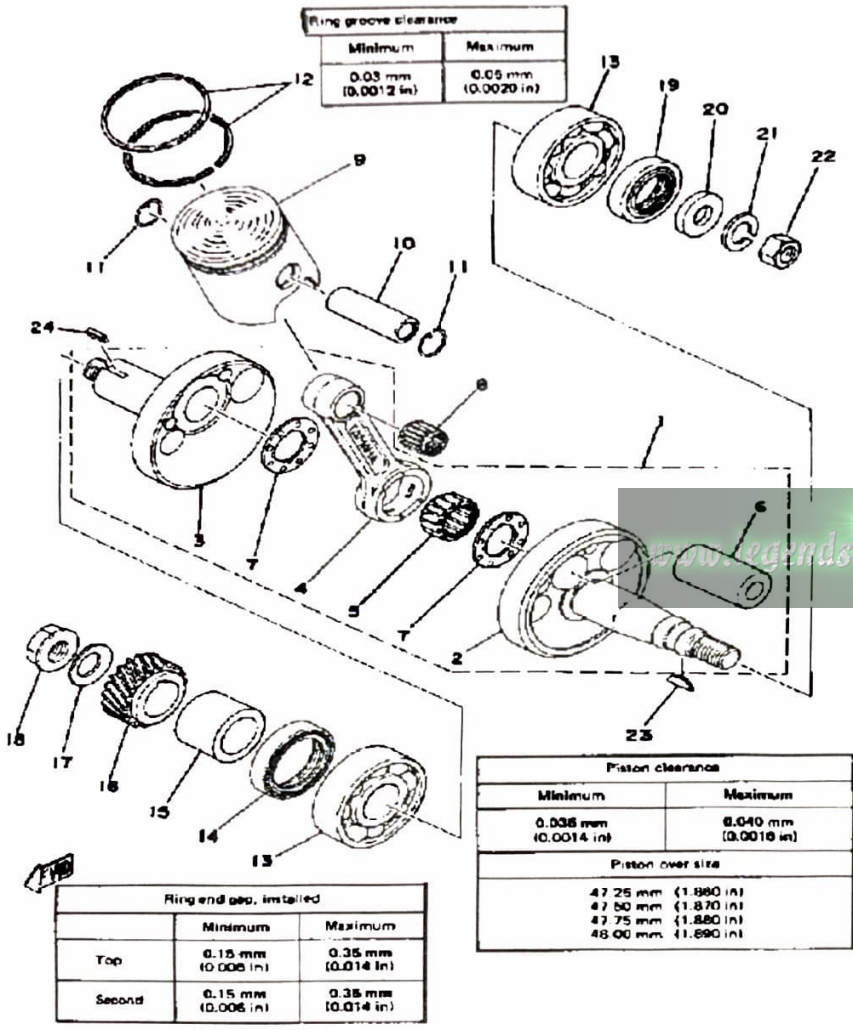
Ref. No.	Part Number	Description	Qty	Remarks
1	3J8-11111-00-00	HEAD, CYLINDER 1	1	
2	1F5-11181-00-00	GASKET, CYLINDER HEAD 1	1	
3	NGK-B7HS0-00-00	NGK B7HS 10PK	1	
4	(3J8-11311-00-00)	CYLINDER 1	1	
5	367-11351-00-00	GASKET, CYLINDER	1	
6	90116-06026-00	BOLT, STUD	4	
7	95380-06600-00	NUT, HEXAGON	4	
8	92990-06200-00	WASHER, PLAIN	4	

Initial Engine Number/Frame Number	3J8-000101 / 3J8-000101
Bore/Stroke/Number Cylinders/Displacement (cc)	47mm / 42mm / 1 / 72cc
Compression Ratio/Compression Pressure min ~ max	8.8:1 (6.9:1 Corrected) / N/A
Spark Plug Type	NGK B7HS
Spark Plug Gap / Torque / Cap Ω	0.5 ~ 0.7mm / 2.6 m kg / 3K Ω ± 10%



TORQUE VALUES	
Cylinder Head	6 x 1.0: 1.0 m kg

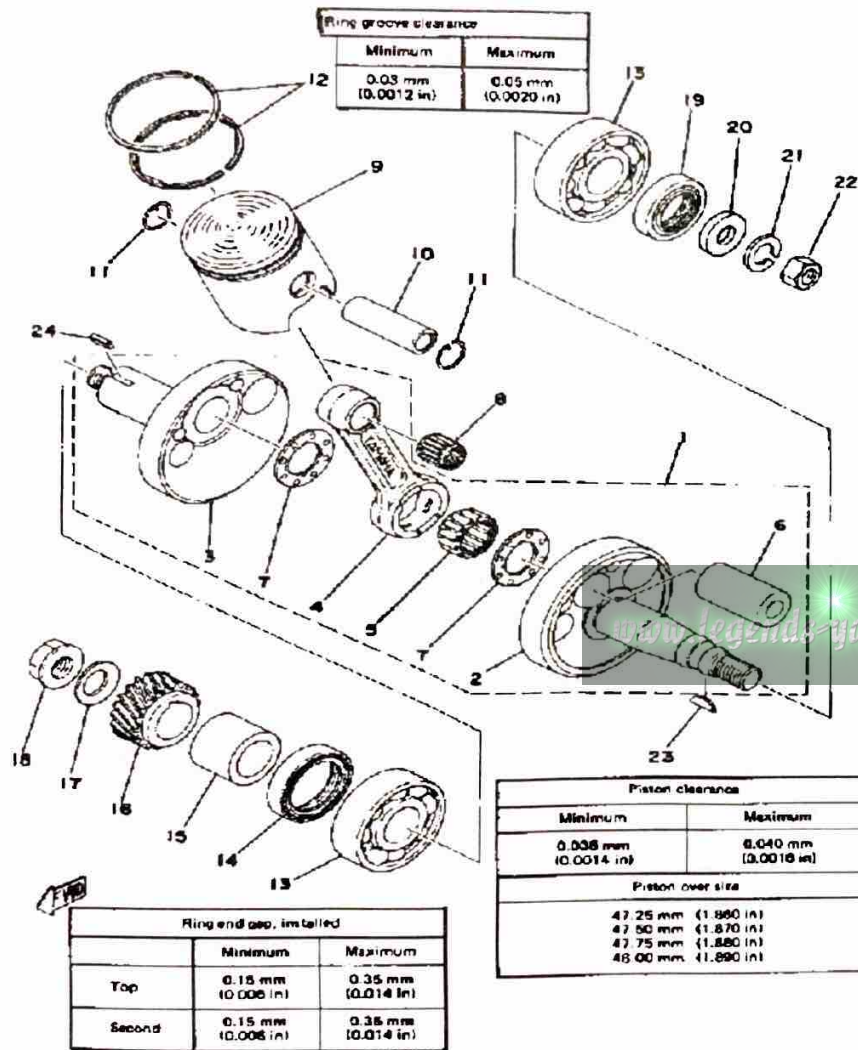
CRANK - PISTON GT80E - GT80E~009161



Ref. No.	Part Number	Description	Qty	Remarks
1	1K9-11400-00-00	CRANKSHAFT ASSEMBLY	1	
2	598-11412-00-00	. CRANK 1	1	
3	(598-11422-00-00)	CRANK 2	1	
4	3R1-11651-01-00	. ROD, CONNECTING	1	
5	93310-418T0-00	. BERING, CYLINDRICAL	1	
6	257-11681-00-00	. PIN, CRANK 1	1	
7	90209-18112-00	. WASHER	2	
8	93310-11268-00	BEARING	1	
9	(2F4-11637-10-00)	PISTON 3 O/S 0.5	1	
	(2F4-11637-10-00)	PISTON 3 O/S 0.5	1	ALT. PART
	2F4-11631-10-96	PISTON STD (46.96MM STD)	1	
	2F4-11635-10-00	PISTON 1 O/S 0.25 (47.25MM 1ST O.S.)	1	
	2F4-11635-10-00	PISTON 1 O/S 0.25 (47.25MM 1ST O.S.)	1	ALT. PART
	2F4-11636-10-00	PISTON 2 O/S 0.50 (47.50MM 2ND O.S.)	1	
	2F4-11636-10-00	PISTON 2 O/S 0.50 (47.50MM 2ND O.S.)	1	ALT. PART
	2F4-11638-10-00	PISTON 4 O/S 1.00 (48.00MM 4TH O.S.)	1	
	2F4-11638-10-00	PISTON 4 O/S 1.00 (48.00MM 4TH O.S.)	1	ALT. PART
10	527-11633-00-00	PIN, PISTON	1	
11	93450-13022-00	CIRCLIP	2	
12	367-11610-00-00	PISTON RINGSET STD	1	
	367-11610-10-00	PISTON RINGSET 1ST	1	ALT. PART
	367-11610-20-00	PISTON RINGSET 2ND	1	ALT. PART
	367-11610-30-00	PISTON RINGSET 3RD	1	ALT. PART
	367-11610-40-00	PISTON RINGSET 4TH	1	ALT. PART
13	93306-20458-00	BEARING	2	

CONTINUED ON NEXT FRAME ➤

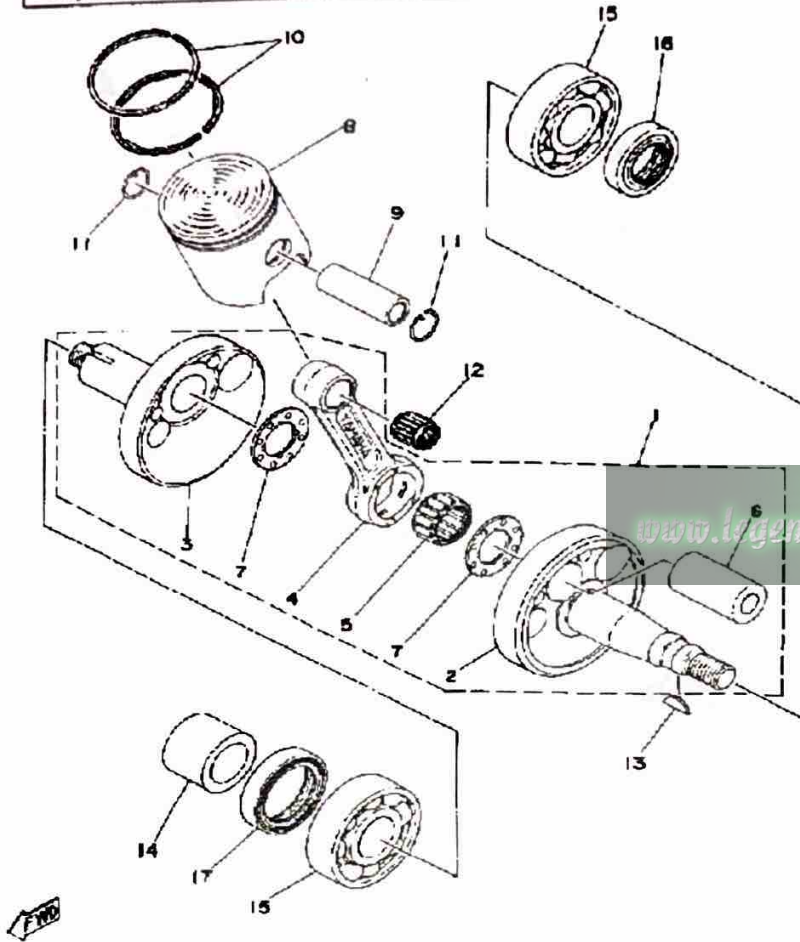
CRANK - PISTON GT80E - GT80E~009161



Ref. No.	Part Number	Description	Qty	Remarks
14	93103-28011-00	OIL SEAL	1	
15	90387-205E9-00	COLLAR	1	
16	353-16111-01-00	GEAR, PRI DRIVE	1	
17	90208-12015-00	WASHER, CONICAL SPRING ..	1	
18	90179-12244-00	NUT	1	
19	93102-20009-00	OIL SEAL	1	U.R.
20	90201-12535-00	WASHER, PLATE	1	
21	92901-12100-00	WASHER, SPRING	1	
22	90170-12175-00	NUT	1	
23	90280-03017-00	KEY, WOODRUFF	1	
24	90282-05005-00	KEY, STRAIGHT	1	

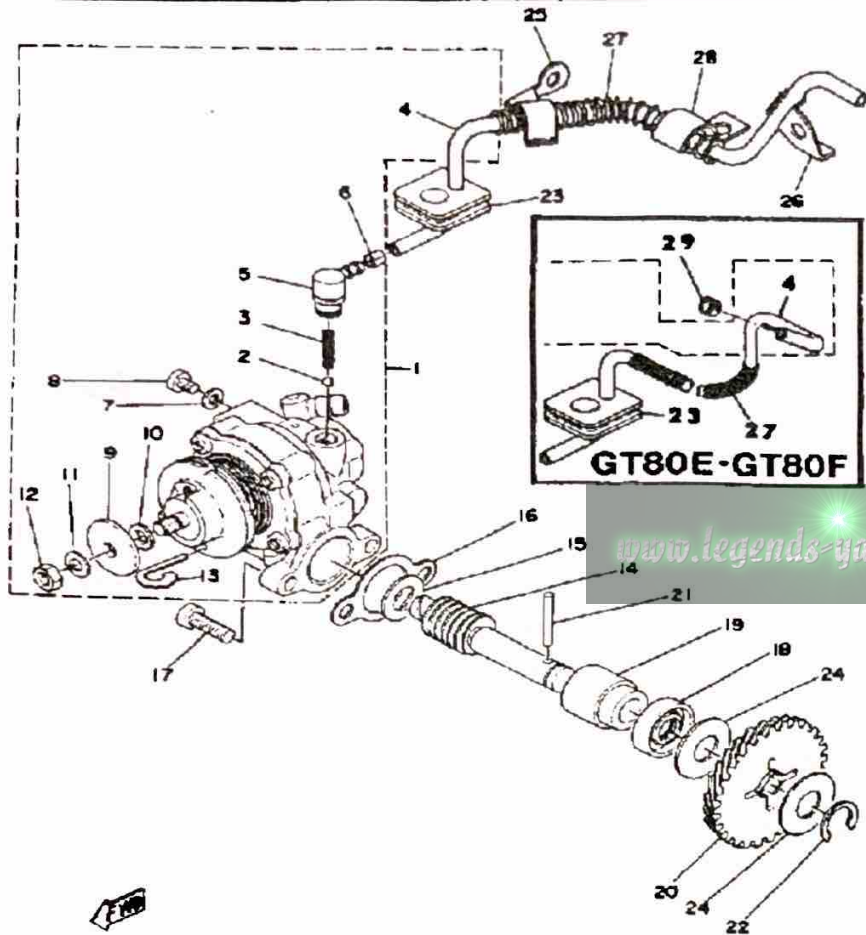
CRANK - PISTON GT80G

Piston Skirt Clearance new/max	0.038 ~ 0.040mm / 0.1mm
Ring End Gap top/2nd/3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / φ



Ref. No.	Part Number	Description	Qty	Remarks
1	1K9-11400-00-00	CRANKSHAFT ASSEMBLY	1	
2	598-11412-00-00	. CRANK 1	1	
3	(598-11422-00-00)	CRANK 2	1	
4	3R1-11651-01-00	. ROD, CONNECTING	1	
5	93310-418T0-00	. BERING, CYLINDRICAL	1	
6	257-11681-00-00	. PIN, CRANK 1	1	
7	90209-18112-00	. WASHER	2	
8	(3J8-11637-00-00)	PISTON 3 O/S 0.5	1	ALT. PART
	(3J8-11638-00-00)	PISTON 4 O/S 1.0	1	ALT. PART
	3J8-11631-00-96	PISTON STD	1	
	3J8-11635-00-00	PISTON 1 O/S 0.5	1	ALT. PART
	3J8-11636-00-00	PISTON 2 O/S 0.0	1	ALT. PART
9	527-11633-00-00	PIN, PISTON	1	
10	2A4-11610-00-00	PISTON RINGSET STD	1	
	2A4-11610-10-00	PISTON RINGSET 1ST	1	ALT. PART
	2A4-11610-20-00	PISTON RINGSET 2ND	1	ALT. PART
	2A4-11610-30-00	PISTON RINGSET 3RD (3RD O/S)	1	ALT. PART
	2A4-11610-40-00	PISTON RINGSET 4TH (4TH O/S)	1	ALT. PART
11	93450-13022-00	CIRCLIP	2	
12	93310-11268-00	BEARING	1	
13	90280-03017-00	KEY, WOODRUFF	1	
14	90387-205E9-00	COLLAR	1	
15	93306-20458-00	BEARING	2	
16	93102-20009-00	OIL SEAL	1	
17	93103-28011-00	OIL SEAL	1	

AUTOLUBE - Min. Stroke/Color Code	0.20 ~ 0.25mm / Yellow
Minimum Output @ 200 cycles	0.50cc
Maximum Output @ 200 cycles	4.20cc

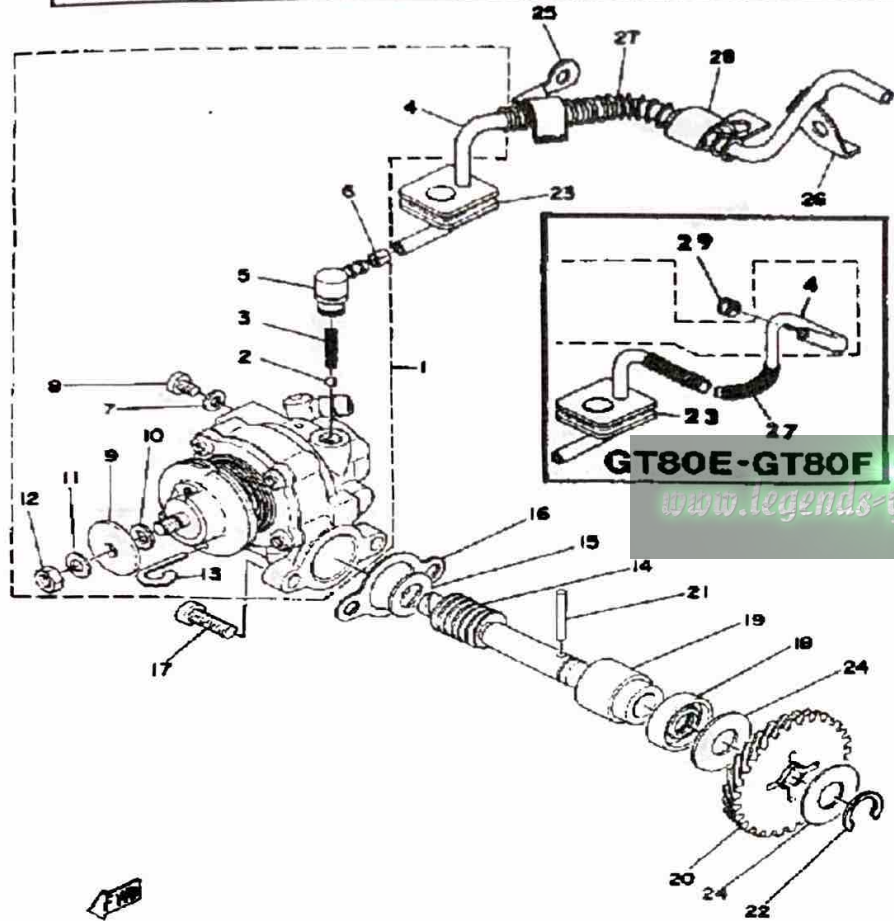


OIL PUMP

Ref. No.	Part Number	Description	Qty	Remarks
1	(1K8-13101-01-00)	OIL PUMP ASSEMBLY	1	
2	93505-32002-00	BALL	1	
3	90501-02217-00	SPRING, COMPRESSION	1	
4	90445-05217-00	HOSE	1	
5	353-13552-01-00	NOZZLE	1	
6	90468-02033-00	CLIP	1	
7	90430-04004-00	GASKET	1	
8	98901-04008-00	SCREW, BIND	1	
9	137-13138-01-00	PLATE, ADJUSTING	1	
10	(137-13137-00-00)	SHIM, PLUNGER	1	U.R.
	137-13137-00-05	SHIM (0.5T)	1	U.R.
	137-13137-00-10	SHIM (1.0T)	1	U.R.
11	92990-05100-00	WASHER, SPRING	1	
12	95380-05600-00	NUT	1	
13	367-13146-01-00	CLIP	1	
14	257-13175-00-00	SHAFT, WORM	1	
15	90201-08624-00	WASHER, PLATE	1	
16	3MT-13116-00-00	GASKET, PUMP CASE	1	
17	98580-05016-00	SCREW, PAN HEAD	2	
18	93101-10090-00	OIL SEAL	1	
19	1E7-13176-00-00	METAL, WRM SHAF OTR	1	
20	353-13178-00-00	GEAR, PUMP DRIVE	1	
21	93603-22028-00	PIN, DOWEL	1	
22	99001-08600-00	CIRCLIP	1	
23	248-13174-00-00	HOLDER, OIL PIPE	1	
24	90201-105J4-00	WASHER, PLATE	2	
25	367-13174-00-00	HOLDER, OIL PIPE	1	
26	(367-15378-00-00)	HOLDER	1	
27	90501-06025-00	SPRING, COMPRESSION	1	

CONTINUED ON NEXT FRAME ►

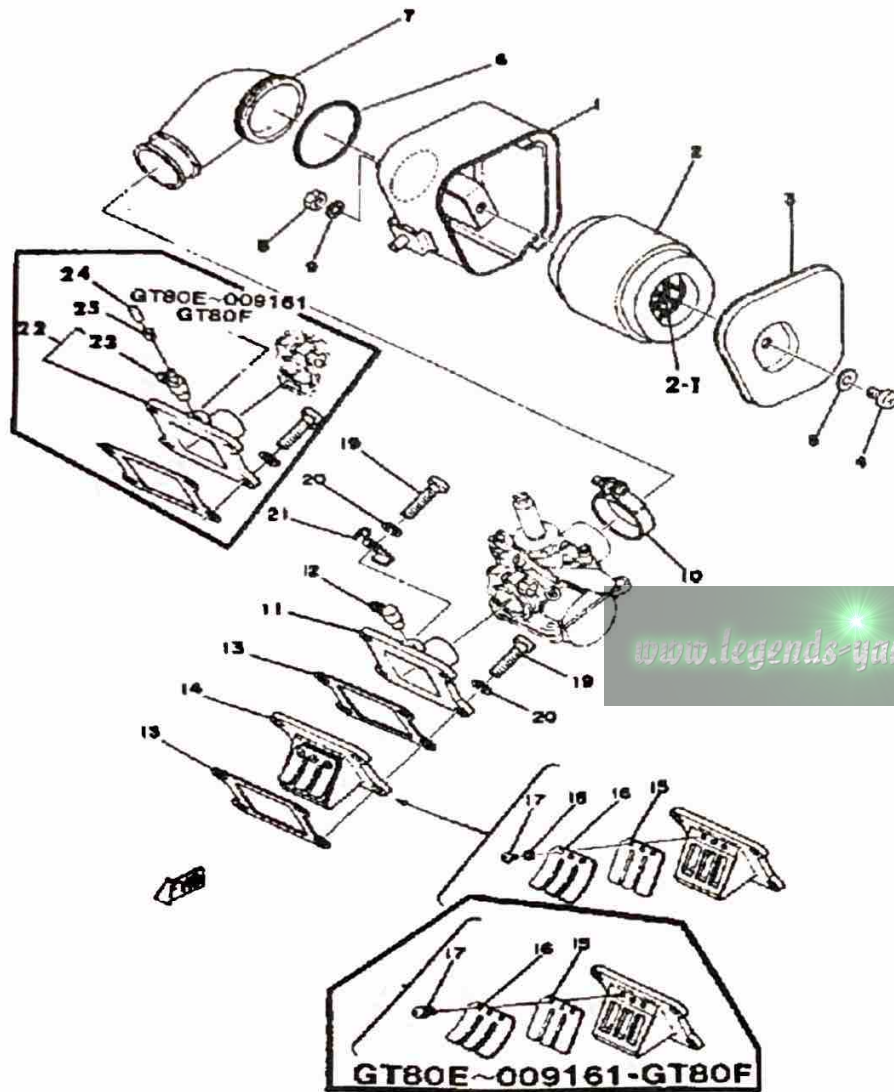
AUTOLUBE - Min. Stroke/Color Code	0.39 ~ 0.25mm / Yellow
Minimum Output @ 200 cycles	0.80cc
Maximum Output @ 200 cycles	4.20cc



OIL PUMP

Ref. No.	Part Number	Description	Qty	Remarks
28	90462-06009-00	CLAMP	1	
29	90468-02033-00	CLIP	1	

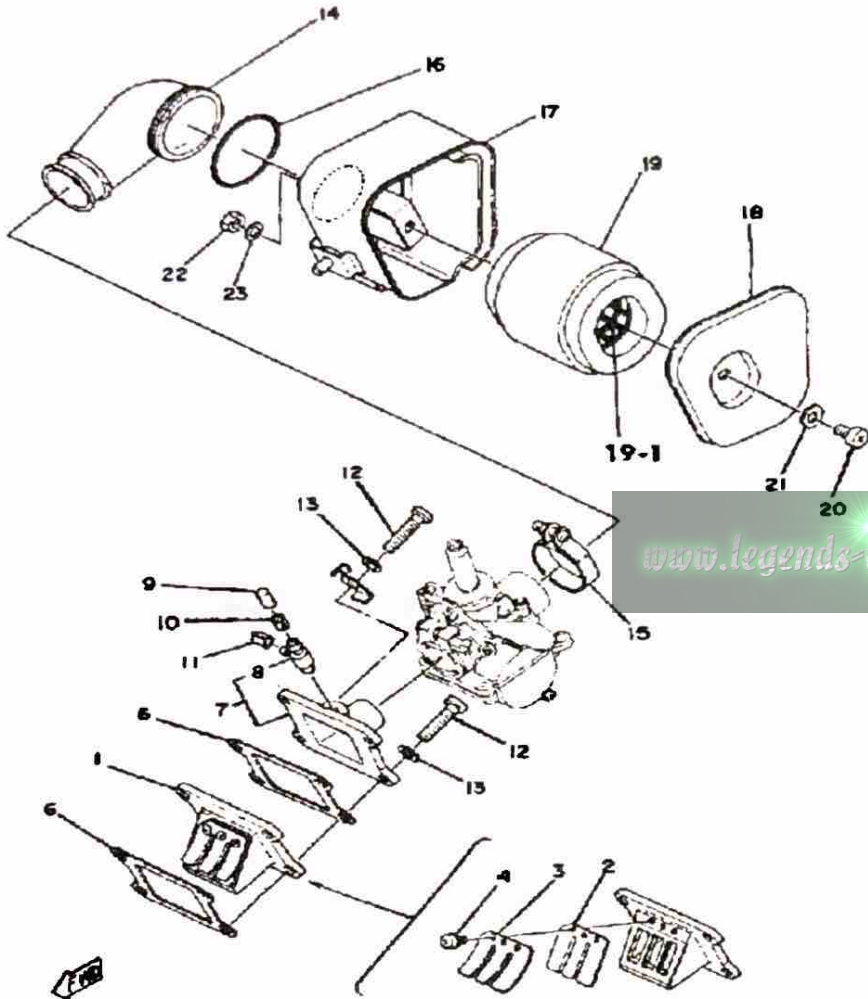
AIR CLEANER GT80E - GT80E~009161 - (



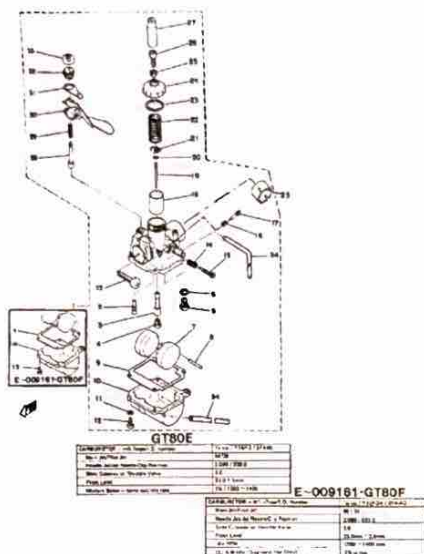
Ref. No.	Part Number	Description	Qty	Remarks
1	367-14411-00-00	CASE, AIR CLEANER 1	1	
2	367-14451-09-00	ELEMENT, AIR CLNR	1	
3	2A3-14412-00-00	CAP, CLEANER CASE 1	1	
4	98580-06010-00	SCREW, PAN HEAD	1	
5	92990-06200-00	WASHER, PLAIN	1	
6	90506-06075-00	SPRING, TENSION	1	
7	367-14453-02-00	JOINT, AIR CLNR 1	1	
8	95380-06600-00	NUT, HEXAGON	2	
9	92995-06100-00	WASHER, SPRING	2	
10	90460-33087-00	CLAMP, HOSE	1	
11	374-13565-00-00	JOINT, CARBURETOR (367-13565-00-98)	1	METALLIC SILVER
12	278-13552-02-00	NOZZLE (278-13552-01) 0 1	1	
13	3MT-13621-00-00	GASKET, VALVE SEAT	2	
14	5G1-13610-00-00	REED VALVE ASSEMBLY	1	
15	2A3-13613-00-00	REED, VALVE	1	
16	5G1-13616-00-00	STOPPER, REED VALVE	1	
17	98580-03008-00	SCREW, PAN HEAD	3	
18	92990-03100-00	WASHER, SPRING	3	
19	98511-06025-00	SCREW PAN HEAD	4	
20	92995-06100-00	WASHER, SPRING	4	
21	(367-15378-00-00)	HOLDER	1	
22	(2F4-13565-00-00)	JOINT, CARBURETOR	1	
23	8E7-13552-00-00	NOZZLE	1	
24	2F4-13587-00-00	CAP, JOINT	1	
25	90468-02033-00	CLIP	1	
2-1	(367-14458-01-00)	GUIDE, ELEMENT	1	

AIR CLEANER GT80G

Ref. No.	Part Number	Description	Qty	Remarks
1	5G1-13610-00-00	REED VALVE ASSEMBLY	1	
2	2A3-13613-00-00	REED, VALVE	1	
3	5G1-13616-00-00	STOPPER, REED VALVE	1	
4	98580-03008-00	SCREW, PAN HEAD	3	
5	92990-03100-00	WASHER, SPRING	3	
6	3MT-13621-00-00	GASKET, VALVE SEAT	2	
7	(2F4-13565-00-00)	JOINT, CARBURETOR	1	
8	8E7-13552-00-00	NOZZLE	1	
9	2F4-13587-00-00	CAP, JOINT	1	
10	90468-02033-00	CLIP	1	
11	90468-02033-00	CLIP	1	
12	98511-06025-00	SCREW PAN HEAD	4	
13	92995-06100-00	WASHER, SPRING	4	
14	367-14453-02-00	JOINT, AIR CLNR 1	1	
15	90460-33087-00	CLAMP, HOSE	1	
16	90506-06075-00	SPRING, TENSION	1	
17	3J8-14411-00-00	CASE, AIR CLEANER 1	1	
18	2A3-14412-00-00	CAP, CLEANER CASE 1	1	
19	367-14451-09-00	ELEMENT, AIR CLNR	1	
20	98580-06010-00	SCREW, PAN HEAD	1	
21	92980-06200-00	UNAVAILABLE IN PRICE BOOK (92903-06200)	1	
22	95380-06600-00	NUT, HEXAGON	2	
23	92995-06100-00	WASHER, SPRING	2	
19-1	(367-14458-01-00)	GUIDE, ELEMENT	1	



CARBURETOR GT80E - GT80E~009161 - C

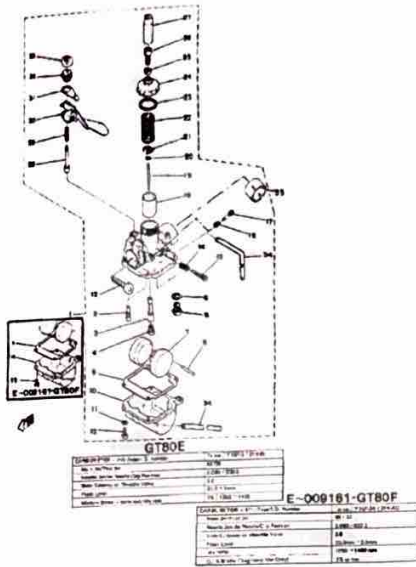


Ref. No.	Part Number	Description	Qty	Remarks
1	2F4-14301-60-00	CARBURETOR ASSEMBLY 1	1	
	2F4-14301-A0-00	CARBURETOR ASSEMBLY 1	1	
2	(367-14342-16-00)	JET, PILOT # 2	1	
	367-14342-19-00	JET, PILOT # 8	1	
3	(2F4-14341-00-00)	NOZZLE, MAIN	1	
	(2F4-14341-01-00)	NOZZLE, MAIN	1	
4	288-14343-43-00	JET, MAIN # 6	1	U.R.
	288-14343-44-00	JET, MAIN #88 (#88)	1	U.R. STD-009161
	288-14343-45-00	JET, MAIN #90 (#90)	1	U.R.
5	367-14390-20-00	NEEDLE VALVE ASSEMBLY	1	
6	367-14195-00-00	GASKET	1	
7	367-14385-00-00	FLOAT	1	
8	367-14386-00-00	PIN, FLOAT	1	
9	4U1-14384-00-00	GSKT, FLOAT CHAMBER	1	
10	(1G5-14381-25-00)	BODY, FLOAT CHAMBER	1	
11	92901-04600-00	WASHER, PLATE	4	
12	97601-04112-00	SCREW, PN/HD.WWSHR (97602-04112-00)	4	
	98511-04012-00	SCREW, PAN HEAD	4	
13	98511-06025-00	SCREW PAN HEAD	1	
14	646-14212-01-00	SPRING, PILOT ADJUSTING	1	
15	646-14211-02-00	SCREW, PILOT ADJUSTING	1	
16	367-14337-00-00	SPRING, AIR ADJUST	1	
17	396-14323-00-00	SCREW, AIR ADJUSTING	1	
18	367-14312-20-00	VALVE, THROTTLE 1	1	
19	2F4-14336-00-00	NEEDLE	1	
20	288-14137-00-00	CLIP	1	
21	367-14136-02-00	SEAT, SPRING (367-14136-00)	1	
22	367-14331-00-00	SPRING, THRRTL VALVE	1	



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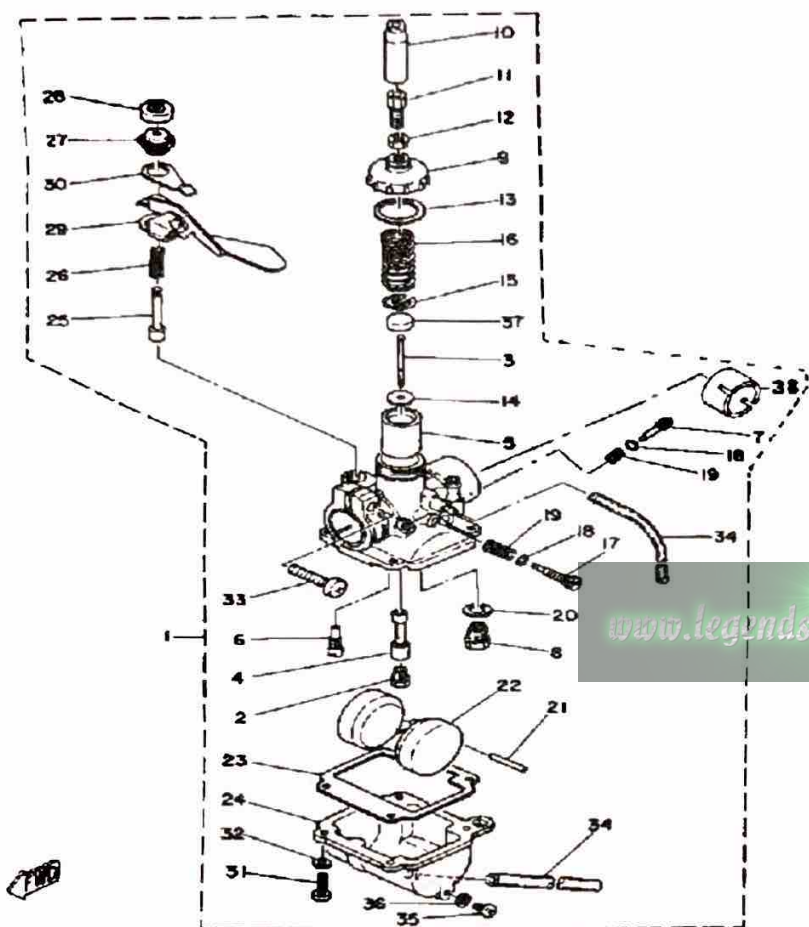
CARBURETOR GT80E - GT80E~009161 - C



Ref. No.	Part Number	Description	Qty	Remarks
23	367-14126-00-00	. GASKET	1	
24	367-14168-00-00	. CAP, MIXING CHAMBER	1	
25	288-14161-00-00	. NUT, CABLE ADJUSTING ...	1	
26	288-14124-00-00	. SCREW, CABLE ADJUSTING	1	
27	367-14169-00-00	. CAP	1	
28	367-14371-00-00	. PLUNGER, STARTER	1	
29	367-14335-00-00	. SPRING, PLUNGER	1	
30	367-14375-01-00	. LEVER, STARTER	1	
31	367-14377-00-00	. STOPPER	1	
32	367-14374-00-00	. CAP, PLUNGER	1	
33	(367-14373-00-00)	COVER, PLUNGER CAP	1	
34	367-14396-00-00	. PIPE	2	
35	2A3-14359-00-00	. GASKET	1	

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CARBURETOR GT80G

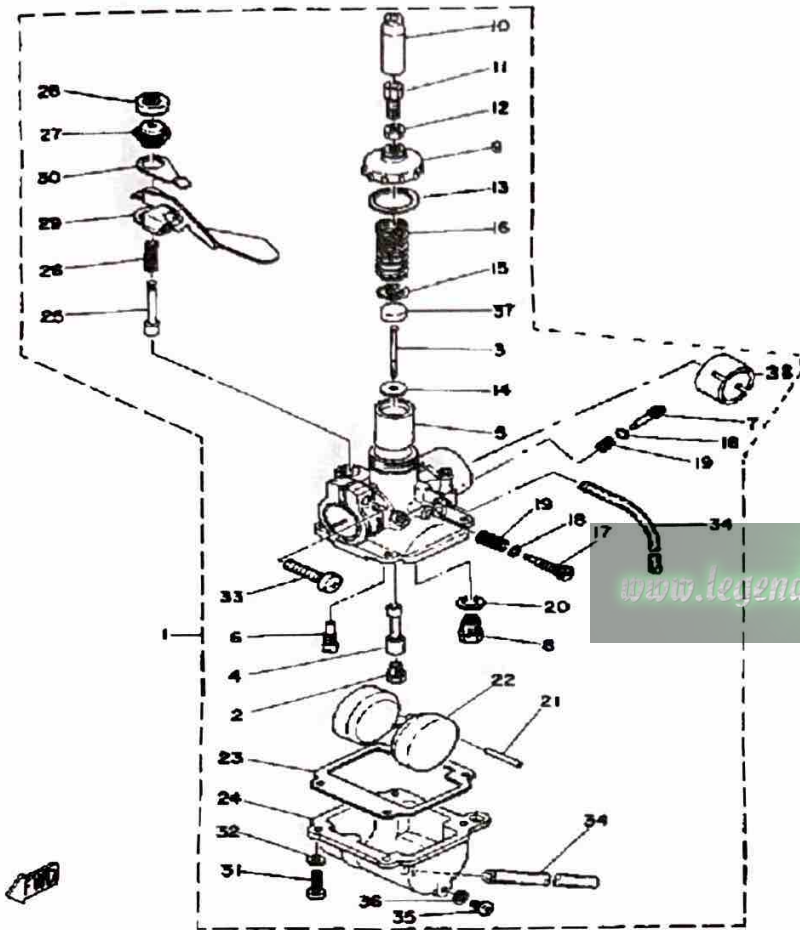


Ref. No.	Part Number	Description	Qty	Remarks
1	3J8-14301-60-00	CARBURETOR ASSEMBLY 1	1	
2	288-14343-43-00	. JET, MAIN # 6	1	
3	(3J8-14336-00-00)	NEEDLE	1	
4	(3J8-14341-00-00)	NOZZLE, MAIN	1	
5	(3J8-14312-20-00)	VALVE, THROTTLE 1	1	
6	(3J8-14342-16-00)	JET, PILOT # 2	1	
7	(3J8-14323-00-00)	SCREW, AIR ADJUSTING	1	
8	367-14390-20-00	. NEEDLE VALVE ASSEMBLY	1	
9	367-14168-00-00	. CAP, MIXING CHAMBER	1	
10	367-14169-00-00	. CAP	1	
11	288-14124-00-00	. SCREW, CABLE ADJUSTING	1	
12	288-14161-00-00	. NUT, CABLE ADJUSTING	1	
13	367-14126-00-00	. GASKET	1	
14	3J8-14339-00-00	. SUPPORTER, NEEDLE	1	
15	(3J8-14136-00-00)	SEAT, SPRING	1	
16	367-14331-00-00	. SPRING, THRTL VALVE	1	
17	3J8-14321-00-00	. SCREW, THROTTLE	1	
18	1E7-14147-00-00	. O-RING	2	
19	288-14334-00-00	. SPRING, AIR ADJUSTING	2	
20	367-14195-00-00	. GASKET	1	
21	367-14386-00-00	. PIN, FLOAT	1	
22	367-14385-00-00	. FLOAT	1	
23	4U1-14384-00-00	. GSKT, FLOAT CHAMBER	1	
24	(3J8-14381-28-00)	BODY, FLOAT CHAMBER	1	
25	367-14371-00-00	. PLUNGER, STARTER	1	
26	367-14335-00-00	. SPRING, PLUNGER	1	
27	367-14374-00-00	. CAP, PLUNGER	1	
28	(367-14373-00-00)	COVER, PLUNGER CAP	1	
29	367-14375-01-00	. LEVER, STARTER	1	

CARBURETOR - Mfr./Type/I.D. Number	Table / Y18P-3A / 3J8-60
Main Jet/Pilot Jet	66 / 32
Needle Jet/Jet Needle-Clip Position	2.025 / 2N21 - Fixed
Side Cutaway or Throttle Valve	2.0
Float Level	22.0mm ± 0.5mm
Idle RPM	1350 ~ 1400 rpm
CO % @ Idle (Diagnostic Use Only)	N/A

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CARBURETOR GT80G

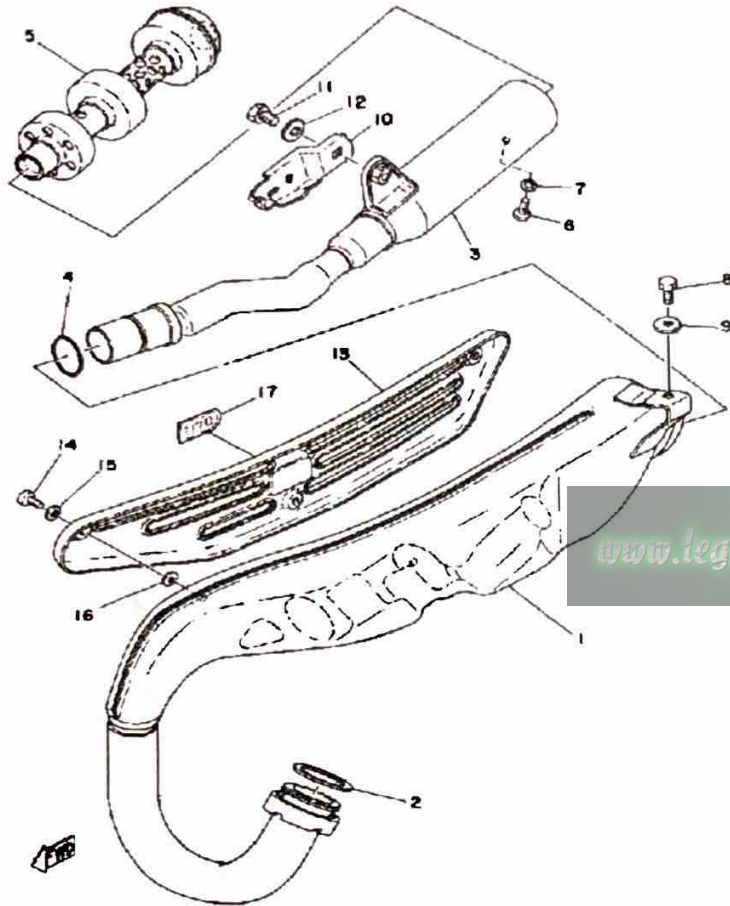


Ref. No.	Part Number	Description	Qty	Remarks
30	367-14377-00-00	. STOPPER	1	
31	98511-04012-00	. SCREW, PAN HEAD	4	
32	92901-04600-00	. WASHER, PLATE	4	
33	98511-06025-00	. SCREW PAN HEAD	1	
34	367-14396-00-00	. PIPE	2	
35	3J8-14324-00-00	. SCREW, FLAT HEAD	1	
36	6A1-14398-00-00	. GASKET	1	
37	(3J8-14372-00-00)	COVER, RECEIVE	1	
38	2A3-14359-00-00	GASKET	1	

CARBURETOR - Mtr./Type/I.D. Number	Jet(s) / Y16P-3A / 3J8-60
Main Jet/Pilot Jet	06 / 32
Needle Jet/Needle-Clip Position	2.095 / 3JN71 - Fixed
Slide Cutaway or Throttle Valve	2.0
Float Level	22.0mm ± 0.5mm
Idle RPM	1250 ~ 1400 rpm
CO % @ Idle (Diagnostic Use Only)	N/A

EXHAUST

CO 1/2 (Diagnostic Use Only) 9% or less

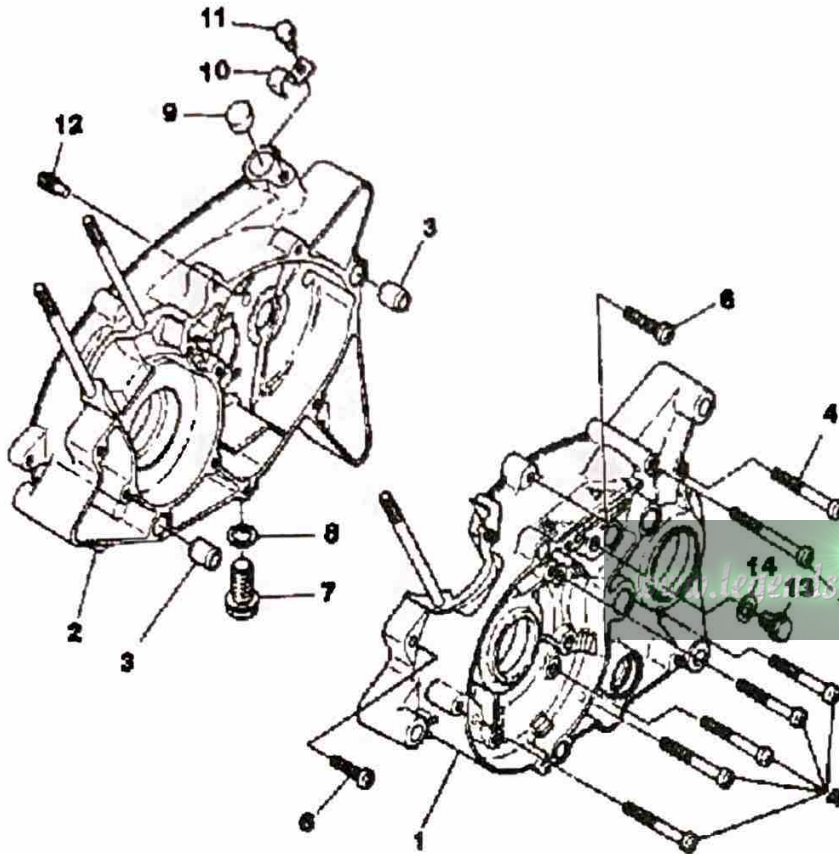


Ref. No.	Part Number	Description	Qty	Remarks
1	(2F4-14610-00-00)	EXHAUST PIPE ASSEMBLY L	1	
	(2F4-14610-10-00)	EXHAUST PIPE ASSEMBLY L	1	
	(3J8-14610-00-00)	EXHAUST PIPE ASSEMBLY L	1	
2	132-14613-00-00	GASKET, EXST PIPE	1	
3	2F4-14753-00-00	SILENCER, EXHAUST (80E/F)	1	
	3J8-14753-00-00	SILENCER, EXHAUST	1	
4	93210-24235-00	O-RING	1	
	93210-27250-00	O-RING	1	
5	2F4-14752-00-00	PIPE, OUTLET	1	
6	98580-06010-00	SCREW, PAN HEAD	1	
7	92995-06100-00	WASHER, SPRING	1	
8	97313-08018-00	BOLT, HEXAGON	1	
9	92901-08600-00	WASHER, PLATE	1	
	92990-08200-00	WASHER, PLAIN	1	
10	2A4-14771-00-00	STAY, MUFFLER 1	1	
11	97313-08018-00	BOLT, HEXAGON	1	
12	92901-08600-00	WASHER, PLATE	1	
	92990-08200-00	WASHER, PLAIN	1	
13	(2A4-14718-00-20)	PROTECTOR, MUFF 1	1	CRYSTAL SILVER
	(2A4-14718-00-T5)	PROTECTOR, MUFF 1	1	
14	98903-06010-00	SCREW, BIND	3	
15	90202-05187-00	WASHER, PLATE	3	
16	90202-05005-00	WASHER, PLATE (218-14766-10)	3	
17	(2A4-14729-00-00)	EMBLEM, PROTECTOR	1	
	(2F4-14729-00-00)	EMBLEM, PROTECTOR	1	
	(3J8-14729-00-00)	EMBLEM, PROTECTOR	1	

"These replacement parts comply with all Florida laws and regulations requiring testing and certification of exhaust system replacement parts."

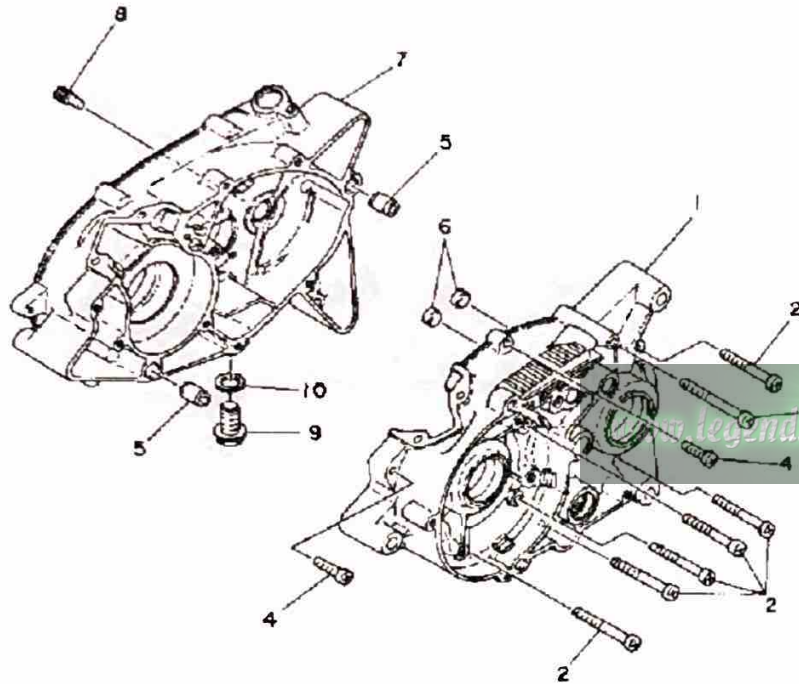
CRANKCASE GT80E - GT80E~009161 - G

Ref. No.	Part Number	Description	Qty	Remarks
1	(374-15111-00-00)	CRANKCASE 1	1	
2	374-15121-02-00	CRANKCASE 2	1	
3	99510-12016-00	PIN, DOWEL	2	
4	98580-06550-00	SCREW PAN HEAD	8	
5	98580-06055-00	SCREW, PANHEAD	1	
6	98511-06025-00	SCREW PAN HEAD	2	
7	90340-12005-00	PLUG, STRAIGHT SCREW	1	
8	90430-12207-00	GASKET	1	
9	90338-16015-00	PLUG, BLIND (168-17481-00) ..	1	
10	90462-06009-00	CLAMP	1	
11	97011-06010-00	BOLT (97021-06010)	1	
12	492-15387-00-00	STOPPER	1	
13	90340-10003-00	PLUG, STRAIGHT SCRW	1	
14	90430-10031-00	GASKET	1	



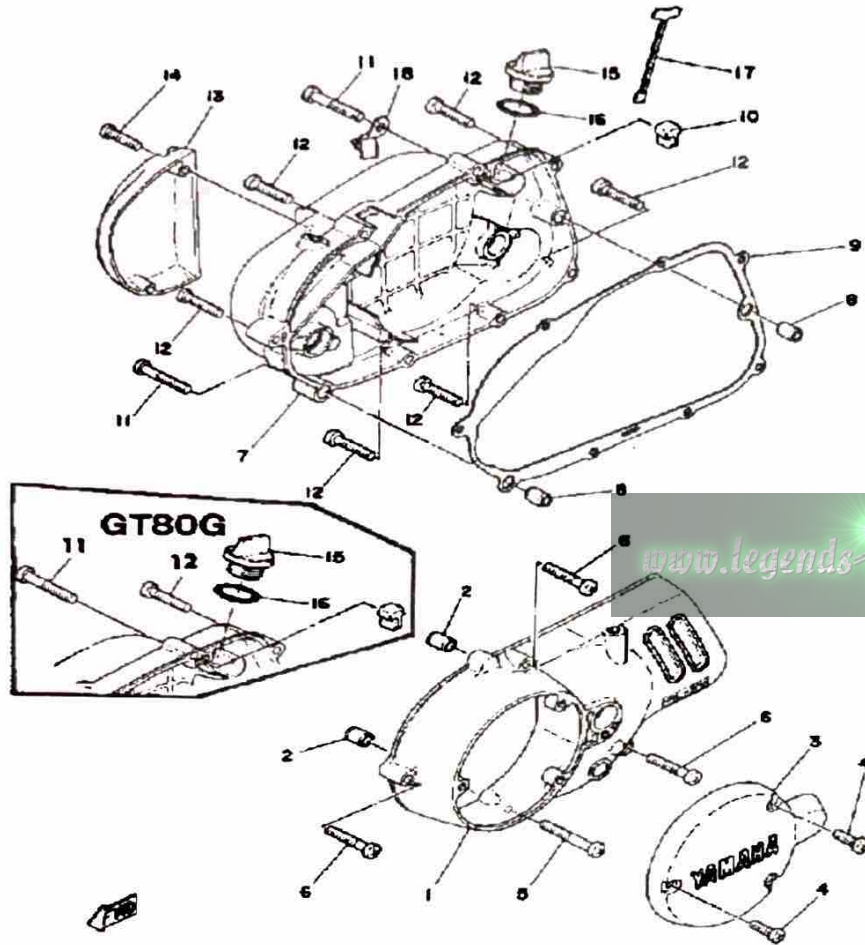
CRANKCASE GT80G

Oiling System	Autolube
Capacity: Dry	0.7 lit. (0.74 qt.)
Lubricant: Temp above 5°C (40°F)	Yamalube 2" or equivalent
Below 16°C (60°F)	Yamalube 2" or Equivalent



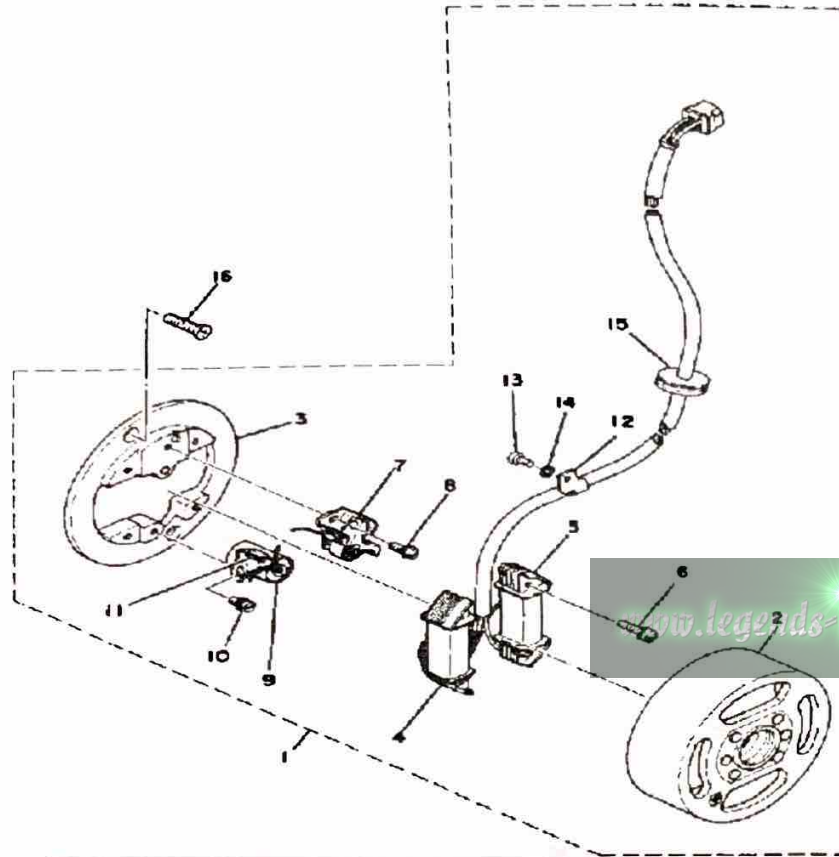
Ref. No.	Part Number	Description	Qty	Remarks
1	(374-15111-00-00)	CRANKCASE 1	1	
2	98580-06550-00	SCREW PAN HEAD	8	
3	98580-06055-00	SCREW, PANHEAD	1	
4	98511-06025-00	SCREW PAN HEAD	2	
5	99510-12016-00	PIN, DOWEL	2	
6	90334-12009-00	PLUG, STRAIGHT	2	
7	374-15121-02-00	CRANKCASE 2	1	
8	492-15387-00-00	STOPPER	1	
9	90340-12005-00	PLUG, STRAIGHT SCREW	1	
10	90430-12207-00	GASKET	1	

CRANKCASE COVER



Ref. No.	Part Number	Description	Qty	Remarks
1	353-15411-00-Y4	COVER, CRANKCASE L (353-15411-00-Y4)	1	METALLIC SILVER
2	99530-10014-00	PIN, DOWEL	2	
3	353-15415-00-Y4	COVER, GENERATOR	1	METALLIC SILVER
4	98580-06020-00	SCREW, PAN HEAD	3	
5	98580-06545-00	SCREW PAN HEAD	1	
6	98580-06030-00	SCREW PAN HEAD	3	
7	353-15421-00-00	COVER, CRANKCASE R	1	METALLIC SILVER
8	99530-10014-00	PIN, DOWEL	2	
9	3MT-15451-00-00	GASKET, CRCS COVER (353-15451-00)	1	
10	353-15437-02-00	SCRAPER, OIL	1	
11	98580-06040-00	SCREW, PAN HEAD	2	
12	98580-06030-00	SCREW PAN HEAD	7	
13	353-15416-00-00	COVER, OIL PUMP	1	METALLIC SILVER
14	98511-06025-00	SCREW PAN HEAD	2	
15	1RG-15363-00-00	PLUG, OIL	1	
16	93210-21190-00	O-RING	1	
17	353-15361-00-00	GAUGE, LEVEL	1	
18	367-13174-00-00	HOLDER, OIL PIPE	1	

GENERATOR GT80E

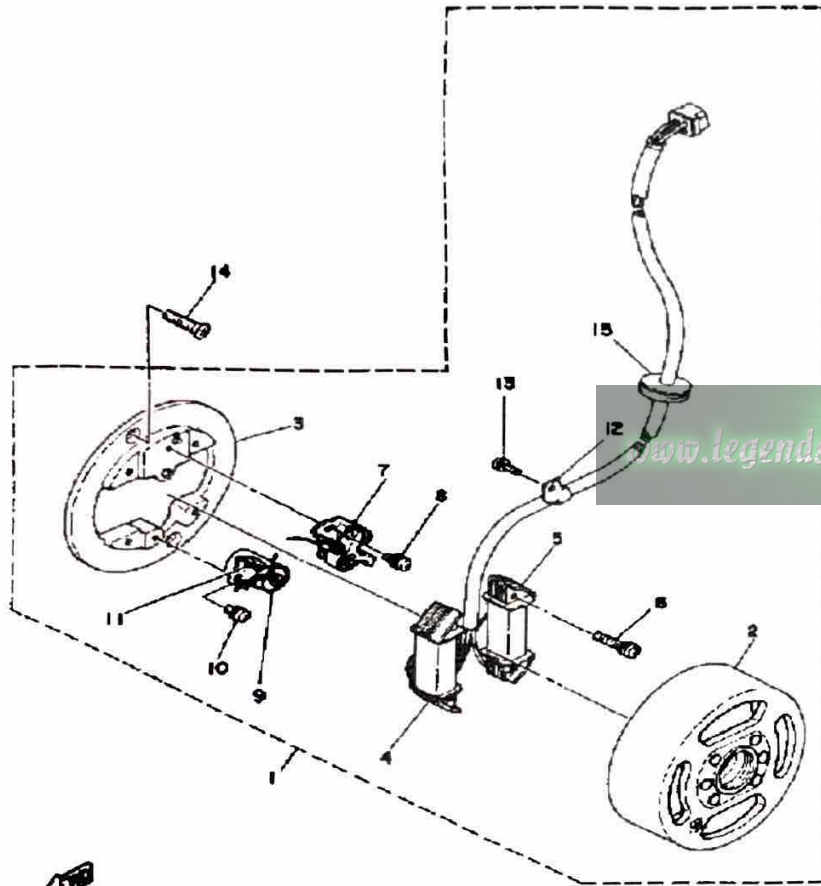


Ref. No.	Part Number	Description	Qty	Remarks
1	(2F4-81300-11-00)	FLYWHL MAGNETO ASSEMBLY	1	
2	(2F4-81350-11-00)	ROTOR ASSEMBLY	1	
3	(296-81309-10-00)	BASE, MAGNETO	1	
4	368-81311-10-00	COIL, IGNITION 1	1	
5	(2F4-81313-10-00)	COIL, LIGHTING 1	1	
6	97602-04125-00	SCREW, PN/HD.W/WSHR (4-25)	4	
7	207-81321-90-00	CONTACT BRKR ASSEMBLY	1	
8	110-81346-21-00	SCREW, PAN HEAD	1	
9	207-81326-90-00	CONDENSER 2	1	
10	110-81346-21-00	SCREW, PAN HEAD	1	
11	207-81331-10-00	LUBRICATOR	1	
12	(368-81328-10-00)	CLAMP	1	
13	98580-04008-00	SCREW, PAN HEAD	1	
14	92901-04600-00	WASHER, PLATE	1	
15	90480-16304-00	GROMMET (90480-16110-00)	1	
16	98701-05016-00	SCREW, FLAT HEAD	2	

ELECTRICAL - System/Type	AC Magneto / External Flywheel
Maximum Output	8V4A @ 8,000 rpm
Field Coil Color Code/Ω	ø
Charging Coil Color Code/Ω	Grn ~ Gnd / 0.26Ω ± 10%
Source Coil Color Code/Ω	Blk ~ Gnd / 1.54Ω ± 10%
Lighting Coil Color Code/Ω	Yel ~ Gnd / 0.20Ω ± 10%
Pulse Coil or Pickup Coil Color Code/Ω	ø
Ignition Coil - base gap / Primary Ω / Secondary Ω	8mm / 1.7Ω ± 10% / 8KΩ ± 20%
Battery - model/spec. grav. / chg rate x hour	GS 6N4-2A-2 / 1.260 / 0.4A x 10 hr.
Headlight/Tailight/Signal Rating	8V30-30W / 8V 5.3-25W / 8V17W
Point Gap/Condenser Capacitance	0.3 ~ 0.4mm / 0.25μF ± 10%

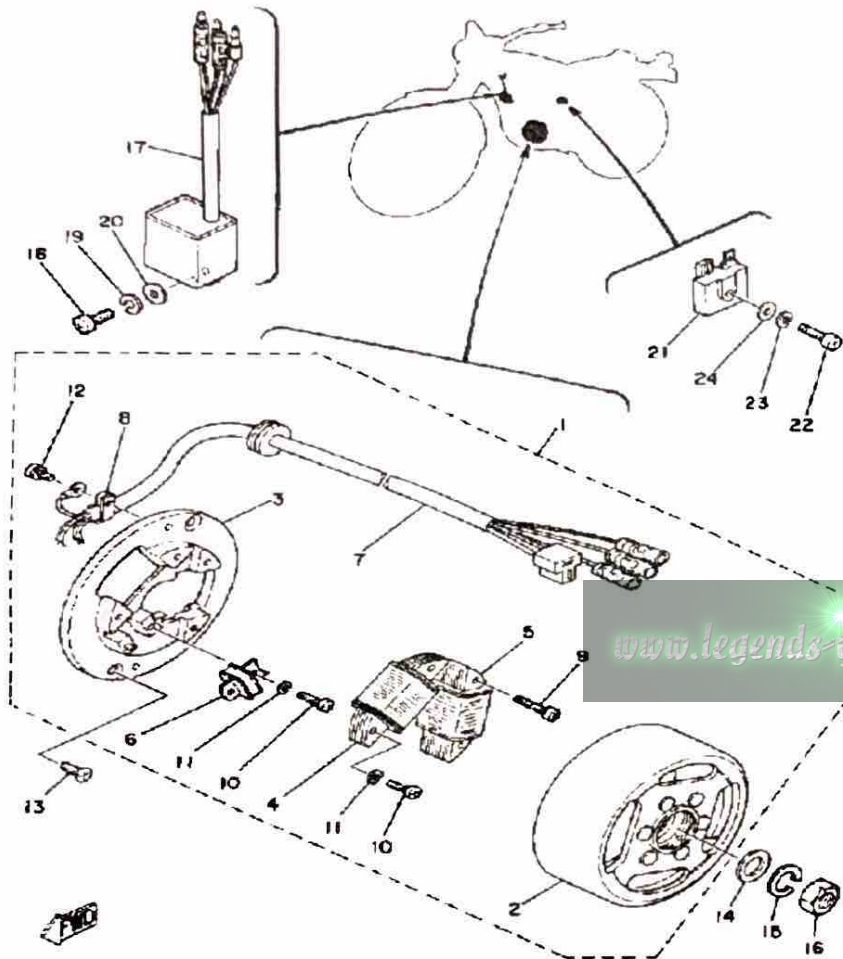
GENERATOR GT80E~009161 - GT80F

CHARGING SYSTEM	Flywheel Magneto / Single Phase / Half Wave
Battery: Model / Spec. Grav. / Chg. Rate	GS 6N-2A-2 (6V-4A) / 1.25 / 0.4A
Maximum Output	5V 1.2A @ 8000 rpm
TROUBLESHOOTING	
Charge Coil Color Code / Ω	Grn-Red / 0.27 Ω ± 10% Grn-Red ~ Grd / 0.27 Ω ± 10%



Ref. No.	Part Number	Description	Qty	Remarks
1	(2F4-81300-11-00)	FLYWHL MAGNETO ASSEMBLY	1	
2	(2F4-81350-11-00)	ROTOR ASSEMBLY	1	
3	(296-81309-10-00)	BASE, MAGNETO	1	
4	368-81311-10-00	. COIL, IGNITION 1	1	
5	(2F4-81313-10-00)	COIL, LIGHTING 1	1	
6	97602-04125-00	. SCREW, PN/HD.W/WSHR (4-25)	4	
7	(169-28121-00-00)	POINT GAUGE	1	TUNE UP KIT
	(ACC-01100-67-00)	TUNE KIT JT/GT/A-F	1	TUNE UP KIT
	207-81321-90-00	. CONTACT BRKR ASSEMBLY	1	
	207-81321-90-00	. CONTACT BRKR ASSEMBLY	1	TUNE UP KIT
	207-81326-90-00	. CONDENSER 2	1	TUNE UP KIT
	NGK-B7HS0-00-00	. NGK B7HS 10PK	1	TUNE UP KIT
8	110-81346-21-00	. SCREW, PAN HEAD	1	
9	207-81326-90-00	. CONDENSER 2	1	
10	110-81346-21-00	. SCREW, PAN HEAD	1	
11	207-81331-10-00	. LUBRICATOR	1	
12	(368-81328-10-00)	CLAMP	1	
13	97601-04106-00	. SCREW, PN/HD.W/WSHR	1	
14	90480-16110-00	. GROMMET	1	
15	98701-05016-00	SCREW, FLAT HEAD	2	

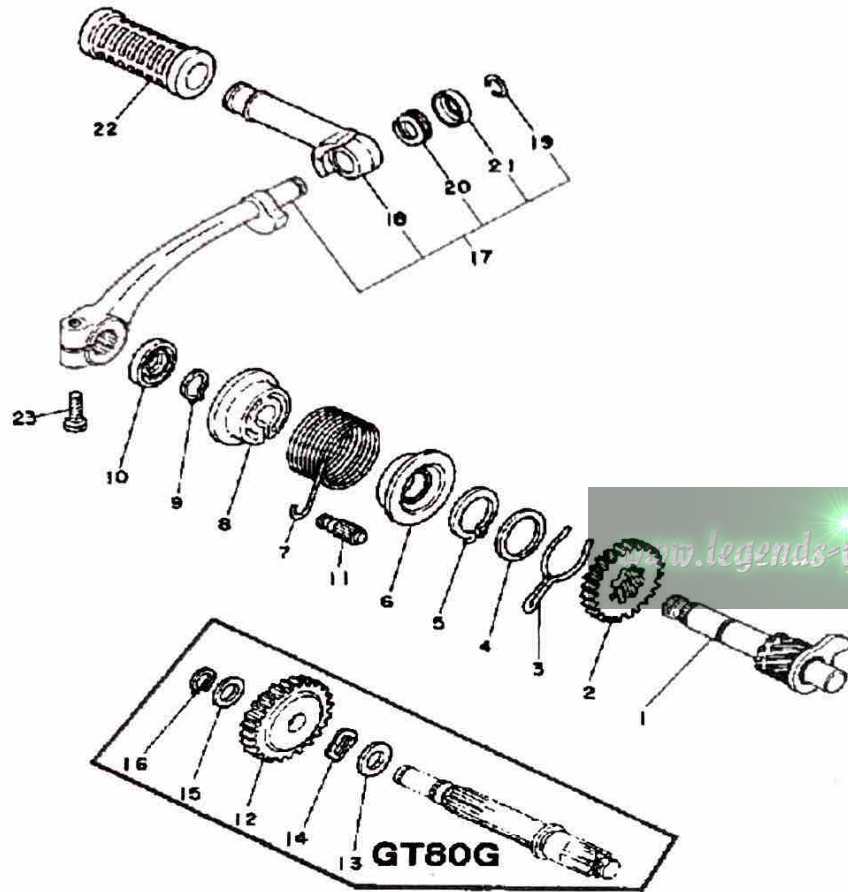
GENERATOR GT80G



Ref. No.	Part Number	Description	Qty	Remarks
1	3J8-85500-21-00	CDI MAGNETO ASSEMBLY	1	
2	(3J8-85550-20-00)	ROTOR ASSEMBLY	1	
3	(3J8-85509-20-00)	BASE, MAGNETO	1	
4	3J8-85512-20-00	COIL SOURCE 2	1	
5	3A3-85513-20-00	COIL, LIGHTING 1	1	
6	3A3-85580-20-00	COIL, PULSER	1	
7	(3J8-85515-20-00)	LEAD WIRE ASSEMBLY	1	
8	104-81328-20-00	CLAMP	1	
9	97602-04125-00	SCREW, PN/HD.W/WSHR (4-25)	2	
10	98503-04014-00	SCREW, PAN HEAD (98503-04015)	3	
11	92901-04600-00	WASHER, PLATE	3	
12	97601-04106-00	SCREW, PN/HD.W/WSHR	1	
13	98701-05016-00	SCREW, FLAT HEAD	2	
14	90201-12535-00	WASHER, PLATE	1	
15	92901-12100-00	WASHER, SPRING	1	
16	90170-12175-00	NUT	1	
17	3A3-85540-20-00	CDI UNIT ASSEMBLY	1	
18	98503-06014-00	SCREW, PAN HEAD	1	
19	92995-06100-00	WASHER, SPRING	1	
20	90201-061A5-00	WASHER, PLATE	1	
21	353-81970-63-00	RECTIFIER ASSEMBLY	1	
22	98580-05020-00	SCREW, PAN HEAD	1	
23	92990-05100-00	WASHER, SPRING	1	
24	92901-05600-00	WASHER, PLATE	1	

CHARGING SYSTEM	Flywheel Magneto / Single Phase / Half Wave
Battery Model / Spec. Grav. / Chg. Rate	GS 6N4-2A-2 (6V 4A) / 1.26 / 0.4A
Maximum Output	6V 1.2A @ 8000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	φ
Charge Coil Color Code / Ω	Grn ~ Grn / 0.27 Ω ± 10% Grn Red ~ Grn / 0.27 Ω ± 10%

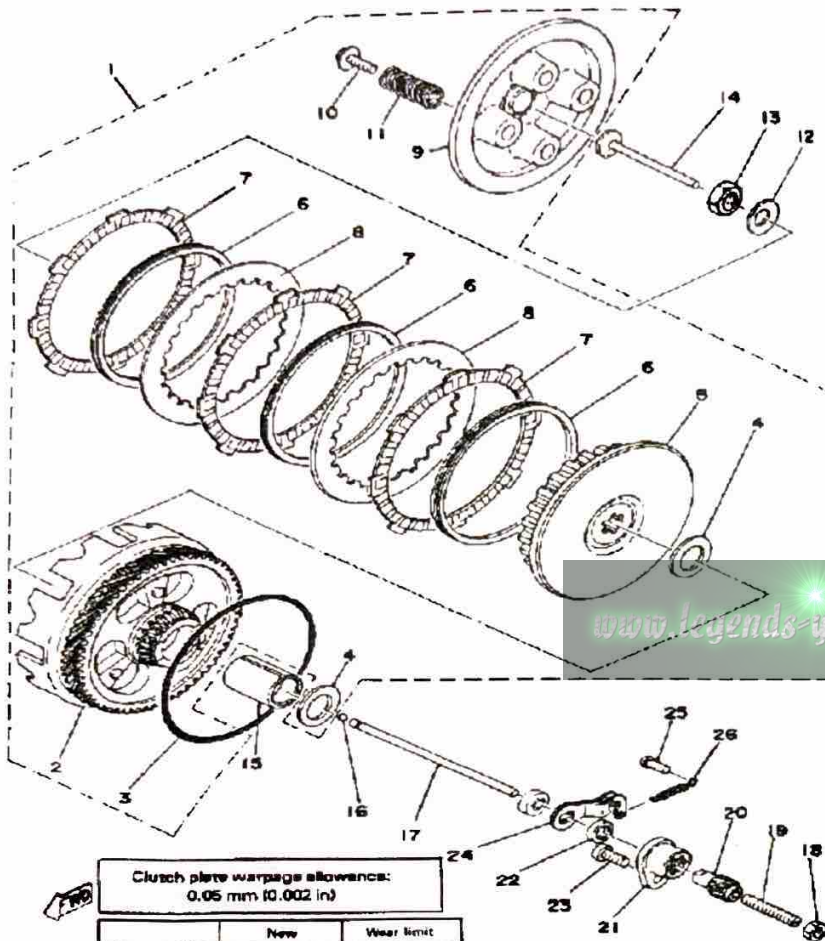
STARTER



Ref. No.	Part Number	Description	Qty	Remarks
1	353-15660-01-00	KICK AXLE ASSEMBLY	1	
2	353-15641-00-00	GEAR, KICK	1	
3	90468-26038-00	CLIP	1	
4	90201-253K0-00	WASHER, PLATE (T=1.0)	1	
5	93410-25017-00	CIRCLIP	1	
6	132-15664-01-00	GUIDE, SPRING	1	
7	90508-26136-00	SPRING, TORSION	1	
8	132-15676-01-00	COVER, SPRING	1	
9	99009-15400-00	CIRCLIP	1	
10	93109-15001-00	OIL SEAL	1	
11	248-15668-00-00	STOPPER	1	
12	353-15651-00-00	GEAR, KICK IDLE	1	
13	90201-13202-00	WASHER, PLATE	1	
14	90206-15021-00	WASHER, WAVE	1	
15	90201-12M34-00	WASHER, PLATE	1	
16	99009-12400-00	CIRCLIP	1	
17	3AY-15620-00-00	KICK CRANK ASSEMBLY	1	UNI CHROME
18	(214-15612-09-00)	LEVER, KICK	1	
19	93440-10028-00	CIRCLIP, OUTER (132-15617-00)	1	
20	90504-18031-00	SPRING, COMPRESSION (132-15625-01)	1	
21	90209-10108-00	WASHER, SPEC'L SHAP	1	
22	156-15618-01-00	COVER, KICK LEVER	1	
23	97011-06025-00	BOLT (97001-06025)	1	



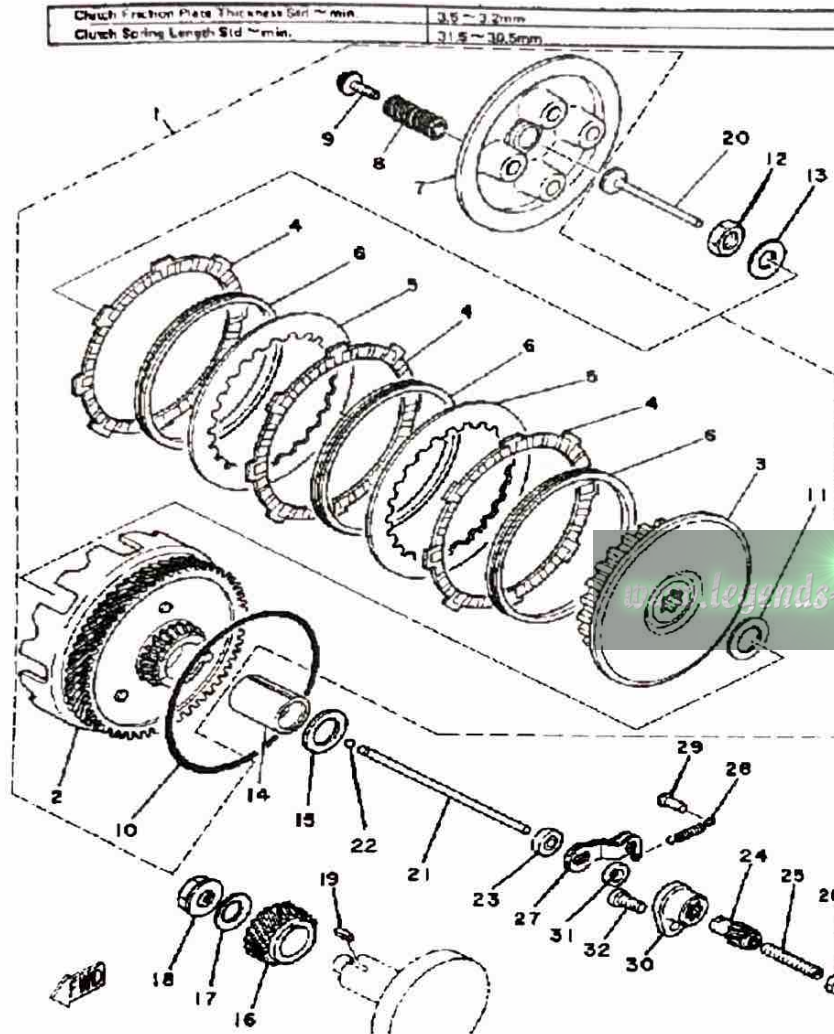
CLUTCH GT80E - GT80E~009161 - GT80



Clutch plate warpage allowance: 0.05 mm (0.002 in)		
	New	Wear limit
Friction plate thickness	3.8 mm (0.14 in)	3.2 mm (0.13 in)
	New	Minimum
Clutch spring free length	31.8 mm (1.24 in)	30.5 mm (1.20 in)

Ref. No.	Part Number	Description	Qty	Remarks
1	(2A3-16301-00-00)	CLUTCH ASSEMBLY	1	
2	1T0-16150-01-00	. PRI.DRVN.GEAR COMP. (68T) (2A3-16150-00)	1	
3	93210-98202-00	. O-RING	1	
4	122-16164-00-00	. PLATE, THRUST 2	2	
5	353-16371-00-00	. BOSS, CLUTCH	1	
6	131-16367-00-00	. RING, CUSHION	3	
7	131-16321-00-00	. PLATE, FRICTION	3	
8	257-16324-00-00	. PLATE, CLUTCH 1	2	
9	353-16351-00-00	. PLATE, PRESSURE 1	1	
10	90119-05001-00	. BOLT, WITH WASHER	4	
11	90501-20125-00	. SPRING, COMPRESSION	4	
12	90208-12015-00	WASHER, CONICAL SPRING	1	
13	90170-12060-00	NUT	1	
14	137-16356-00-00	ROD, PUSH 1	1	
15	90560-17123-00	SPACER	1	
16	93503-16010-00	BALL	1	
17	353-16357-00-00	ROD, PUSH 2	1	
18	95380-06700-00	NUT	1	
19	90113-06013-00	BOLT, SET	1	
20	241-16341-01-00	SCREW, PUSH	1	
21	353-16396-00-00	HOUSING, PUSH SCREW	1	
22	93104-10085-00	OIL SEAL, SO-TYPE	1	
23	98503-06014-00	SCREW, PAN HEAD	1	
24	451-16342-00-00	LEVER, PUSH	1	
25	132-16346-00-00	HOOK, SPRING	1	
26	90506-07066-00	SPRING, TENSION	1	

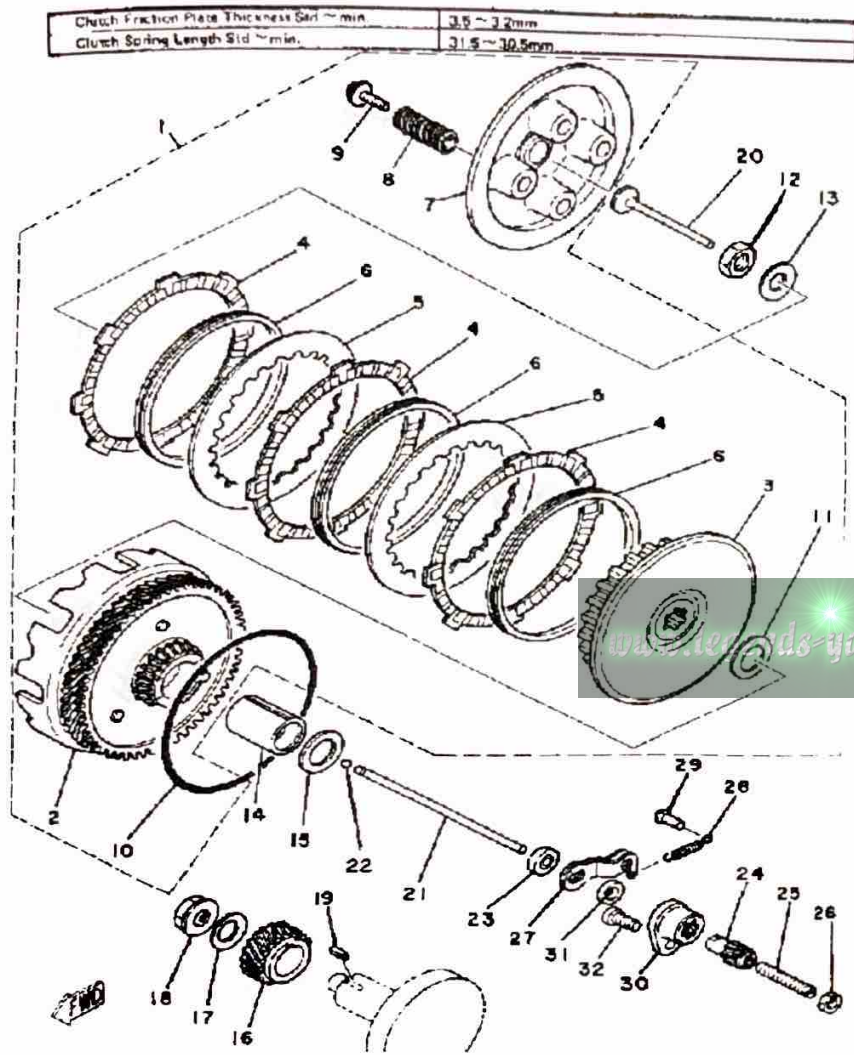
CLUTCH GT80G



Ref. No.	Part Number	Description	Qty	Remarks
1	(2A3-16301-00-00)	CLUTCH ASSEMBLY	1	
2	1T0-16150-01-00	. PRI.DRVN.GEAR COMP. (68T) (2A3-16150-00)	1	
3	353-16371-00-00	. BOSS, CLUTCH	1	
4	131-16321-00-00	. PLATE, FRICTION	3	
5	257-16324-00-00	. PLATE, CLUTCH 1	2	
6	131-16367-00-00	. RING, CUSHION	3	
7	353-16351-00-00	. PLATE, PRESSURE 1	1	
8	90501-20125-00	. SPRING, COMPRESSION	4	
9	90119-05001-00	. BOLT, WITH WASHER	4	
10	93210-98202-00	. O-RING	1	
11	122-16164-00-00	. PLATE, THRUST 2	1	
12	90170-12060-00	NUT	1	
13	90208-12015-00	WASHER, CONICAL SPRING	1	
14	90560-17123-00	SPACER	1	
15	122-16164-00-00	PLATE, THRUST 2	1	
16	353-16111-01-00	GEAR, PRI DRIVE	1	
17	90208-12015-00	WASHER, CONICAL SPRING	1	
18	90179-12244-00	NUT	1	
19	90282-05005-00	KEY, STRAIGHT	1	
20	137-16356-00-00	ROD, PUSH 1	1	
21	353-16357-00-00	ROD, PUSH 2	1	
22	93503-16010-00	BALL	1	
23	93102-04382-00	OIL SEAL, SD-TYPE (257-153879-00)	1	
24	241-16341-01-00	SCREW, PUSH	1	
25	90113-06013-00	BOLT, SET	1	
26	95380-06700-00	NUT	1	
27	451-16342-00-00	LEVER, PUSH	1	

CONTINUED ON NEXT FRAME ►

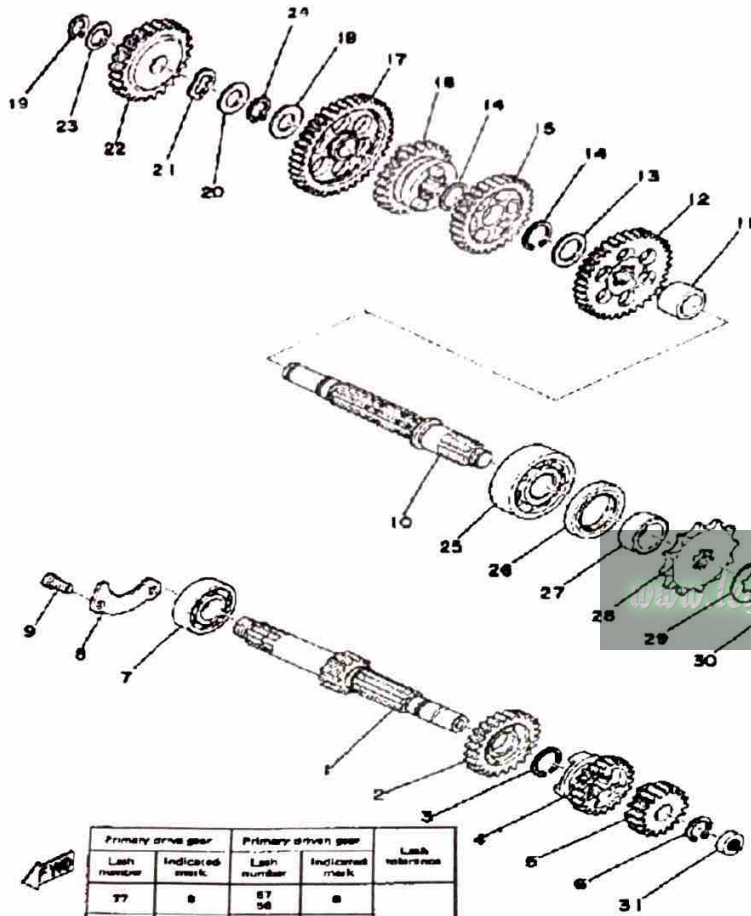
CLUTCH GT80G



Ref. No.	Part Number	Description	Qty	Remarks
28	90506-07066-00	SPRING, TENSION	1	
29	132-16346-00-00	HOOK, SPRING	1	
30	353-16396-00-00	HOUSING, PUSH SCREW	1	
31	93104-10085-00	OIL SEAL, SO-TYPE	1	
32	98503-06014-00	SCREW, PAN HEAD	1	

TRANSMISSION GT80E - GT80E~009161 -

Ref. No.	Part Number	Description	Qty	Remarks
1	353-17411-01-00	AXLE, MAIN	1	
	353-17411-10-00	AXLE, MAIN	1	
2	(353-17141-11-00)	GEAR, 4TH PINION	1	
	353-17141-12-00	GEAR, 4TH PINION	1	
	353-17141-12-00	GEAR, 4TH PINION	1	F(U.R.)
3	93440-16089-00	CIRCLIP	1	
4	353-17131-10-00	GEAR, 3RD PINION	1	U.R.-009161
5	353-17121-11-00	GEAR, 2ND PINION	1	
6	99009-13400-00	CIRCLIP	1	
7	93306-20333-00	BEARING	1	
8	353-17471-00-00	PLATE, COVER	1	
9	98580-06012-00	SCREW, PAN HEAD	2	
10	598-17421-00-00	AXLE, DRIVE	1	
11	90387-16126-00	COLLAR	1	
12	353-17221-00-00	GEAR, 2ND WHEEL	1	
13	52G-17968-00-10	SHIM, (1.0T)	1	
14	93440-16089-00	CIRCLIP	2	
15	353-17231-00-00	GEAR, 3RD WHEEL	1	
16	353-17241-00-00	GEAR, 4TH WHEEL	1	
17	353-17211-01-00	GEAR, 1ST WHEEL	1	
18	257-17219-00-00	SHIM	1	
19	99009-13400-00	CIRCLIP	1	
20	90201-13202-00	WASHER, PLATE	1	
21	90206-15021-00	WASHER, WAVE	1	
22	353-15651-00-00	GEAR, KICK IDLE	1	
23	90201-12M34-00	WASHER, PLATE	1	
24	99009-12400-00	CIRCLIP	1	
25	93306-30302-00	BEARING	1	
26	93102-25017-00	OIL SEAL	1	

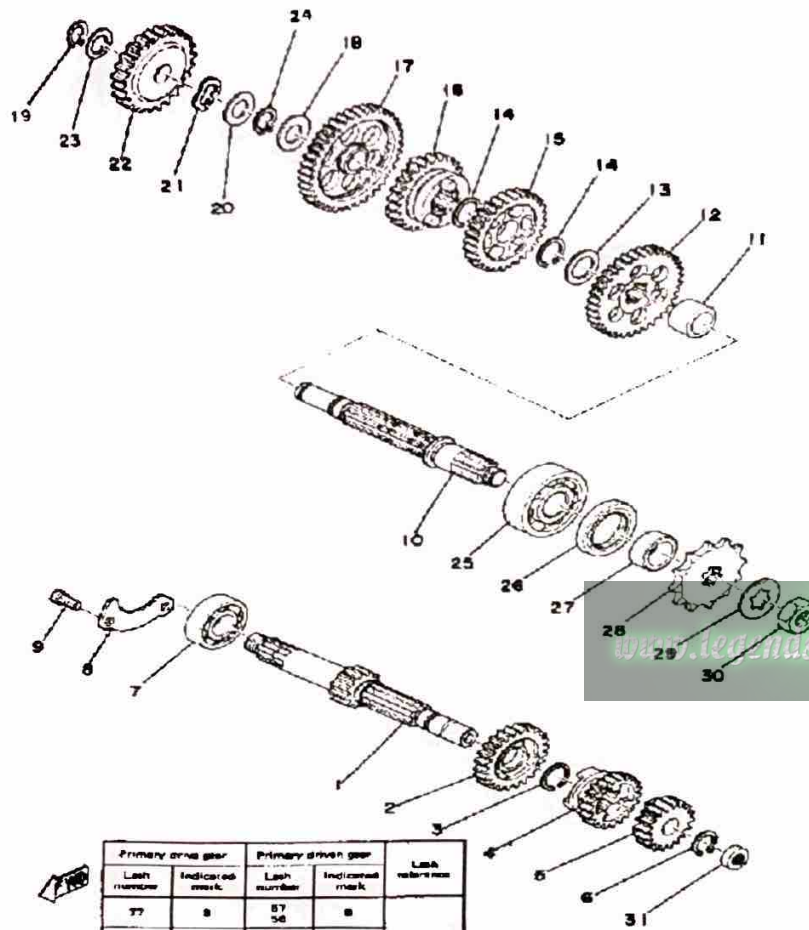


Primary drive gear		Primary driven gear		Lash reference
Lash number	Indicated mark	Lash number	Indicated mark	
77	B	87	B	1.00 ± 1
78	C	88	C	
79	C	89	C	
80	D	92	D	

TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	Yamalube 4* or SAE 10W/30SE / 550cc / 500cc
Primary Drive Type/Teeth/Ratio	Helical Gear / 68-19 / 3.578
Secondary Drive Type/Teeth/Chain	Chain / 41-14 / DID420-92L
Clutch Friction Plate Thickness Std ~ min.	3.5 ~ 3.2mm
Clutch Spring Length Std ~ min.	31.5 ~ 30.5mm

CONTINUED ON NEXT FRAME ►

TRANSMISSION GT80E - GT80E~009161

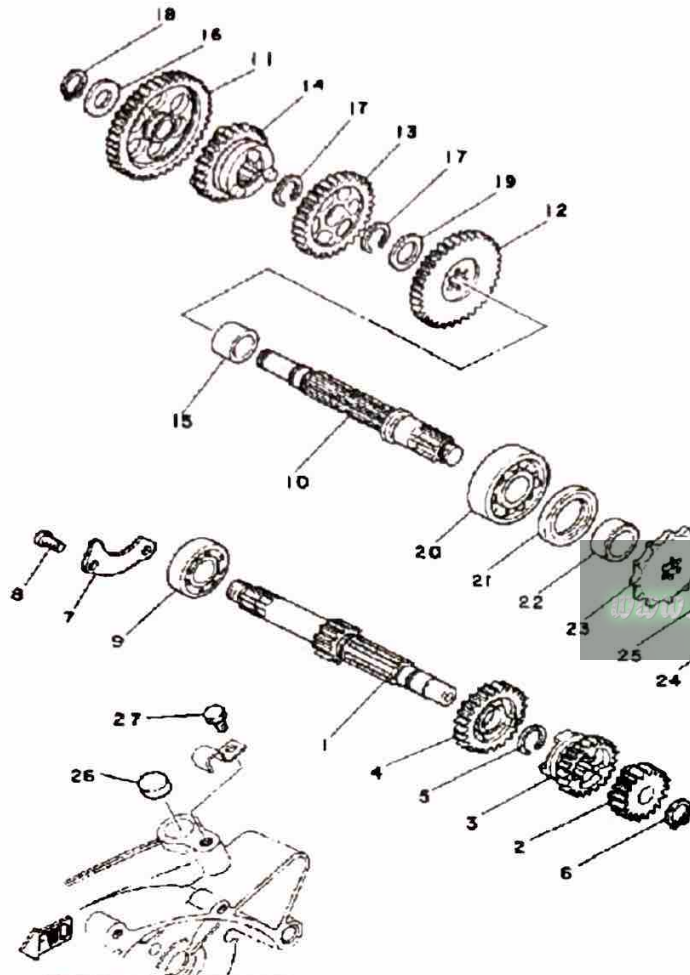


Ref. No.	Part Number	Description	Qty	Remarks
27	90387-17137-00	COLLAR	1	
28	93811-12009-00	SPROCKET, DRIVEN (257-17461-21)	1	U.R.
	93811-13020-00	SPROCKET, DRIVE (257-17461-31)	1	U.R.
	93811-14033-00	SPROCKET, DRIVE	1	U.R.STD ~009161
	93811-15060-00	SPROCKET, DRIVE (257-17461-51)	1	U.R.
29	90215-13019-00	WASHER, LOCK	1	
30	90179-12181-00	NUT, SPEC'L SHAPE	1	
31	93102-04382-00	OIL SEAL, SD-TYPE (257-153879-00)	1	

Primary drive gear		Primary driven gear		Lash reference
Lash number	Indicated mark	Lash number	Indicated mark	
77	a	87	a	1.33 ± 1
78	c	58	c	
80	d	53	d	

TRANSMISSION - Oil Type/Oil Chg/Oil Reassemble	Yamalube 4* or SAE 10W/30SE / 550cc / 600cc
Primary Drive Type/Teeth/Ratio	Helical Gear / 68-19 / 3.578
Secondary Drive Type/Teeth/Chain	Chain / 41-14 / DID420-92L
Clutch Friction Plate Thickness Std ~ min.	3.5 ~ 3.2mm
Clutch Spring Length Std ~ min.	31.5 ~ 30.5mm

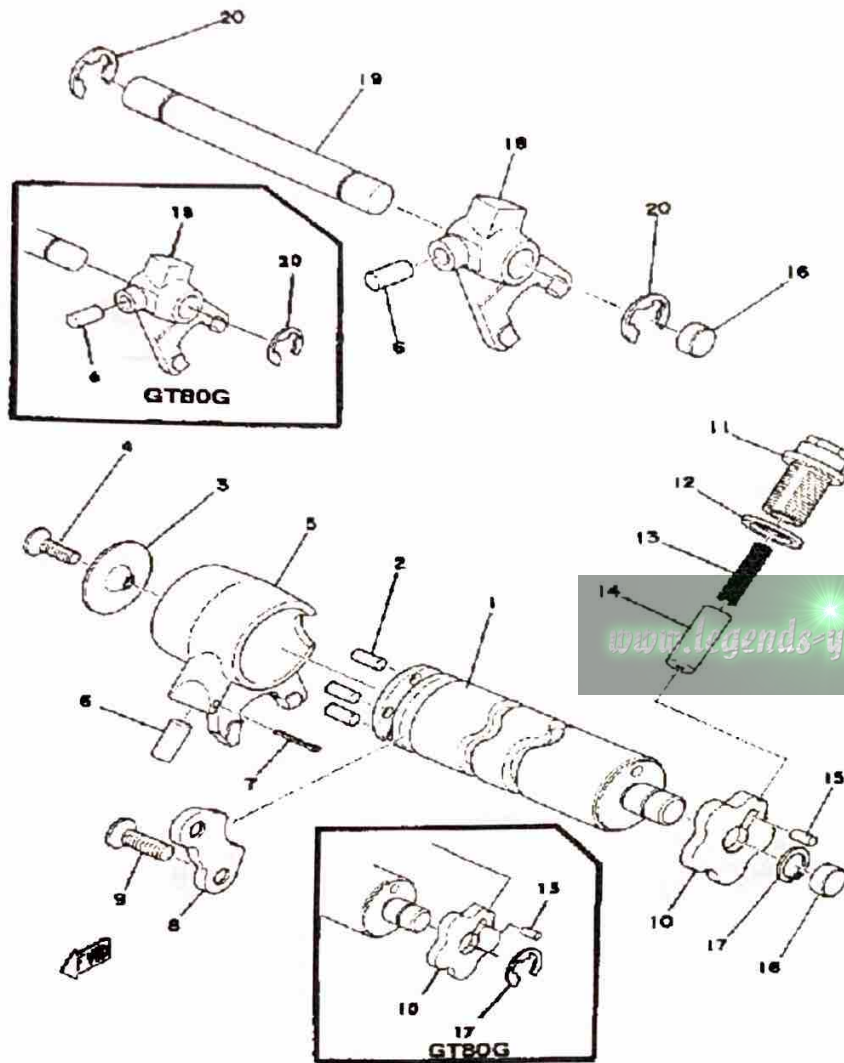
TRANSMISSION GT80G



TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	Yamalube 4" or SAE 10W/30SE / 950cc / 800cc
Primary Drive Type/Teeth/Ratio	Helical Gear / 88-19 / 3.678
Secondary Drive Type/Teeth/Chain	Chain / 41-14 / DK420-92L

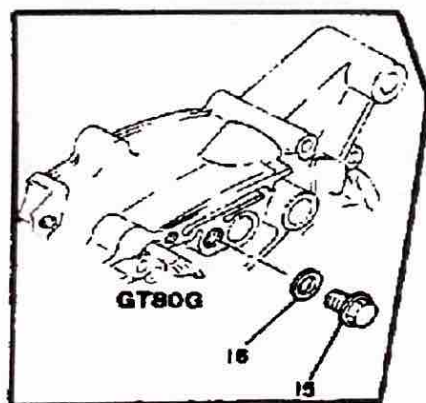
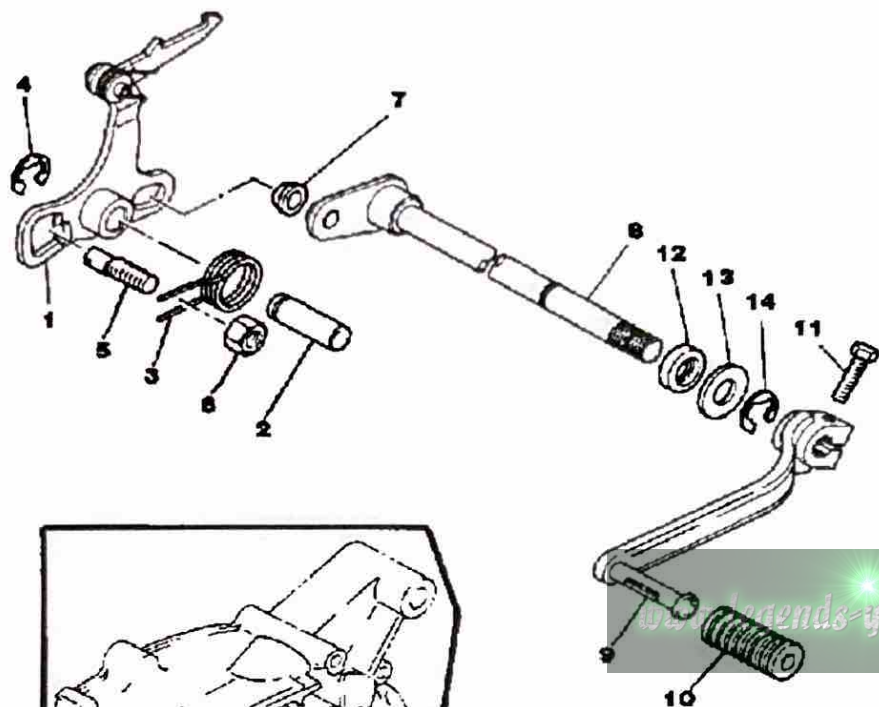
Ref. No.	Part Number	Description	Qty	Remarks
1	353-17411-10-00	AXLE, MAIN	1	
2	353-17121-11-00	GEAR, 2ND PINION	1	
3	353-17131-10-00	GEAR, 3RD PINION	1	
4	353-17141-12-00	GEAR, 4TH PINION	1	
5	93440-16089-00	CIRCLIP	1	
6	99009-13400-00	CIRCLIP	1	
7	353-17471-00-00	PLATE, COVER	1	
8	98580-06012-00	SCREW, PAN HEAD	2	
9	93306-20333-00	BEARING	1	
10	598-17421-00-00	AXLE, DRIVE	1	
11	353-17211-01-00	GEAR, 1ST WHEEL	1	
12	367-17221-00-00	GEAR, 2ND WHEEL	1	
13	353-17231-00-00	GEAR, 3RD WHEEL	1	
14	353-17241-00-00	GEAR, 4TH WHEEL	1	
15	90387-16126-00	COLLAR	1	
16	257-17219-00-00	SHIM	1	
17	93440-16089-00	CIRCLIP	2	
18	99009-13400-00	CIRCLIP	1	
19	52G-17968-00-10	SHIM, (1.0T)	1	
20	93306-30302-00	BEARING	1	
21	93102-25017-00	OIL SEAL	1	
22	90387-17137-00	COLLAR	1	
23	93811-14033-00	SPROCKET, DRIVE	1	
24	90179-12181-00	NUT, SPEC"L SHAPE	1	
25	90215-13019-00	WASHER, LOCK	1	
26	90338-16015-00	PLUG, BLIND (168-17481-00)	1	
27	97011-06010-00	BOLT (97021-06010)	1	

SHIFT CAM - FORK



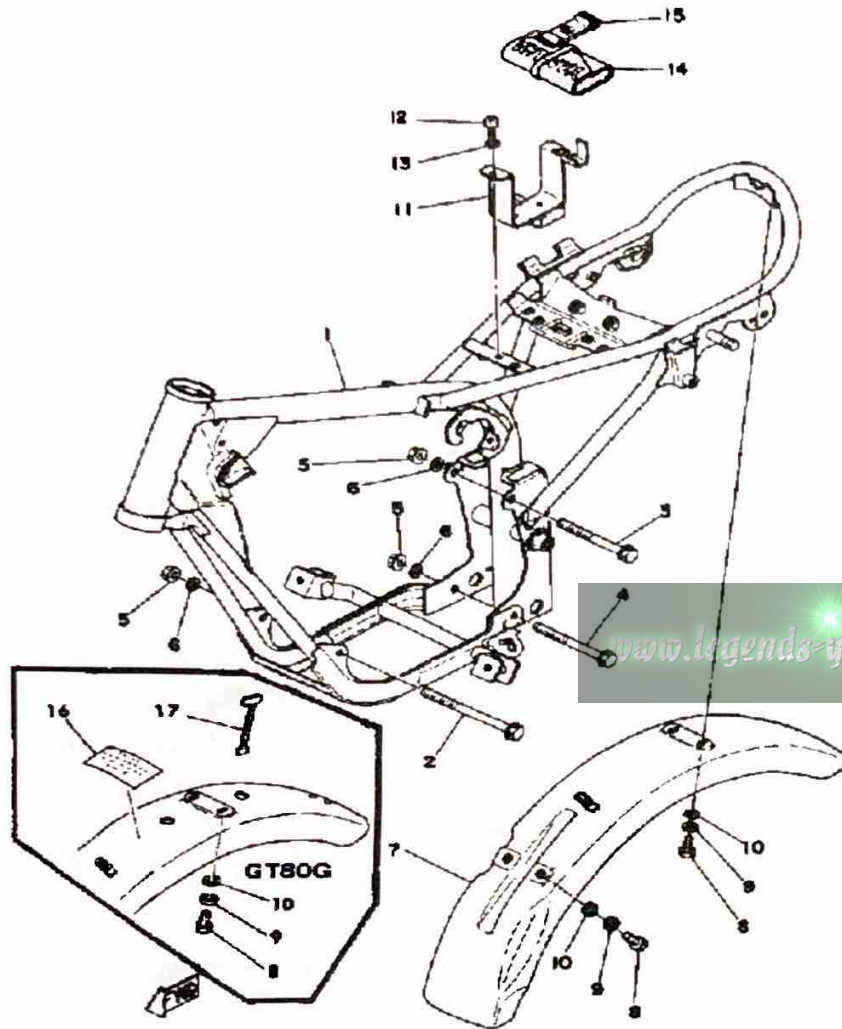
Ref. No.	Part Number	Description	Qty	Remarks
1	367-18540-01-00	SHIFT CAM ASSEMBLY	1	
2	93604-10011-00	PIN, DOWEL	4	
3	214-18561-00-00	PLATE, SIDE 1	1	
4	98701-05012-00	SCREW, FLAT HEAD	1	
5	353-18511-01-00	FORK, SHIFT 1	1	
6	93604-08071-00	PIN, DOWEL	2	
7	91401-25020-00	PIN, COTTER	1	
8	353-18562-00-00	PLATE, STOPPER 2	1	
9	92703-06012-00	SCREW, FLAT HEAD	2	
	98603-06012-00	SCREW, OVAL HEAD	2	
10	(374-18141-00-00)	PLATE, STOPPER	1	
11	90109-14485-00	BOLT	1	
12	137-15353-00-00	GASKET, DRAIN	1	
13	90501-09292-00	SPRING, COMPRESSION	1	
14	353-18547-00-00	STOPPER, CAM	1	
15	93604-08071-00	PIN, DOWEL	1	
16	90334-12009-00	PLUG, STRAIGHT	2	
17	93440-12026-00	CIRCLIP, OUTER	1	
18	353-18512-01-00	FORK, SHIFT 2	1	
19	214-18531-00-00	BAR, SHIFT FORK GUIDE 1	1	
20	99006-10600-00	CIRCLIP	2	

SHIFT SHAFT



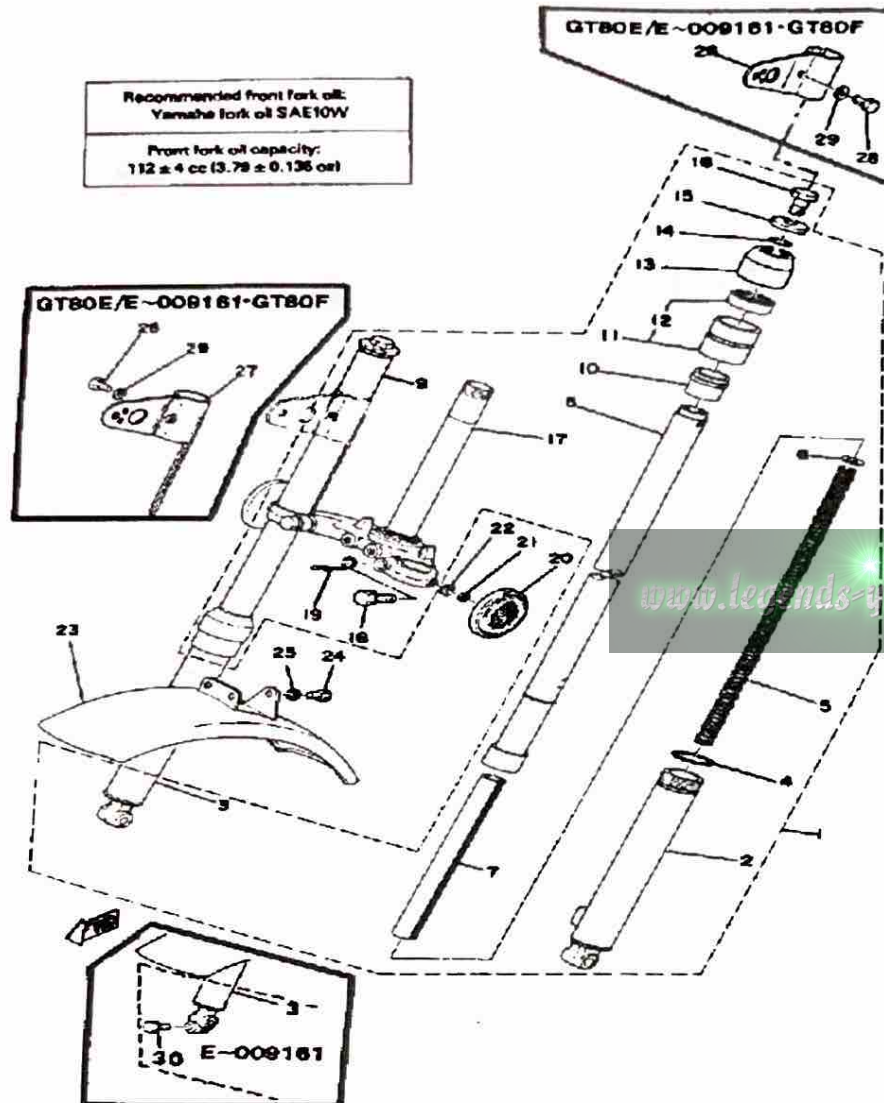
Ref. No.	Part Number	Description	Qty	Remarks
1	353-18120-00-00	SHIFT LEVER ASSEMBLY	1	
2	367-18197-00-00	SHAFT	1	
3	90508-32054-00	SPRING, TORSION	1	
4	99006-10600-00	CIRCLIP	1	
5	90149-08094-00	SCREW	1	
6	95333-08600-00	NUT	1	
7	214-18178-00-00	ROLLER, SHIFT LEVER	1	
8	353-18101-03-00	SHIFT SHAFT ASSEMBLY	1	
9	367-18111-00-00	PEDAL SHIFT	1	
10	132-18113-01-00	COVER, SHIFT PEDAL	1	
11	97011-06020-00	BOLT	1	
12	93102-12321-00	OIL SEAL	1	
13	90201-12575-00	WASHER, PLATE	1	
14	99006-10600-00	CIRCLIP	1	
15	90340-10003-00	PLUG, STRAIGHT SCRW	1	
16	90430-10031-00	GASKET	1	

FRAME - REAR FENDER



Ref. No.	Part Number	Description	Qty	Remarks
1	(2A3-21110-00-33)	FRAME	1	YAMAHA BLK
	(3J8-21110-00-33)	FRAME	1	
2	95811-08120-00	BOLT, FLANGE (95812-08120) .	1	
3	95811-08090-00	BOLT, FLANGE (95822-08090) .	1	
4	95811-08095-00	BOLT, FLANGE	1	
5	95701-08500-00	NUT, FLANGE	3	
6	92990-08100-00	WASHER, SPRING	3	
7	(2A3-21610-00-20)	FENDER, REAR	1	CRYSTAL SILVER CLEAN WHITE
	(2A3-21610-00-36)	FENDER, REAR	1	
8	97301-06014-00	BOLT, HEXAGON	4	
9	92995-06100-00	WASHER, SPRING	4	
10	90201-061A5-00	WASHER, PLATE	4	
11	368-21240-00-00	BOX, BATT.	1	
12	98580-06012-00	SCREW, PAN HEAD	1	
13	92995-06100-00	WASHER, SPRING	1	
14	2U2-28100-02-00	UNAVAILABLE IN PRICE BOOK (367-28100-02)	1	
15	21V-21376-00-00	BAND, TOOL	1	
16	(3J8-21683-00-00)	PLATE, SPEC	1	
17	353-15361-00-00	GAUGE, LEVEL	1	

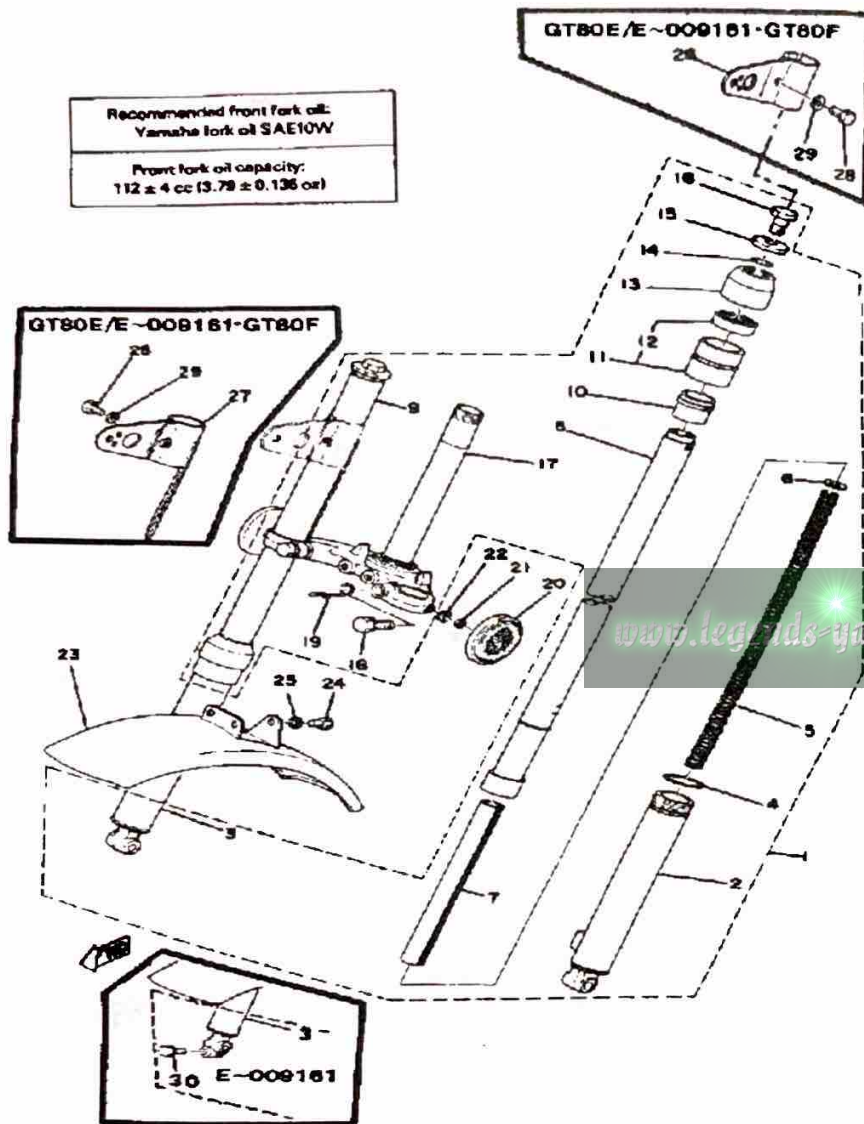
FRONT FORK - FRONT FENDER



Ref. No.	Part Number	Description	Qty	Remarks
1	(2F4-23101-60-35)	FRONT FORK ASSEMBLY	1	SILVER
2	(374-23126-00-35)	TUBE, OUTER 1	1	SILVER
3	(2F4-23136-60-35)	TUBE, OUTER 2	1	
4	207-23147-00-00	. O-RING	2	
5	(367-23141-61-00)	SPRING, FRONT FORK	2	
6	(290-23149-00-00)	WASHER, SPRING UPR	2	
7	(367-23166-61-00)	SPACER, OIL LOCK	2	
8	439-23124-00-00	. TUBE, INNER 1	1	
9	(367-23134-61-00)	TUBE, INNER 2	1	
10	109-23125-00-00	. METAL, SLIDE 1	2	
11	290-23150-01-00	. OUTER NUT	2	
12	109-23145-01-00	. OIL SEAL	2	
13	290-23144-00-00	. SEAL, DUST	2	
14	307-23114-00-00	. GASKET	2	
15	207-23112-00-00	. WASHER, CAP	2	
16	395-23111-00-00	. BOLT, CAP	2	
17	367-23340-60-33	. UNDER BRACKET	1	YAMAHA BLK
18	5J0-23346-00-00	. BOLT 1	2	
19	(2A3-23319-00-00)	HOLDER, CABLE 2	1	
20	2N8-85111-01-00	UNAVAILABLE IN PRICE BOOK (2N8-85111-00)	2	
21	92990-05100-00	WASHER, SPRING	2	
22	92990-05200-00	WASHER, PLAIN	2	
23	(288-21510-01-20)	FENDER, FRONT	1	CRYSTAL SILVER
	288-21510-01-36	FENDER, FRONT	1	CLEAN WHITE
24	97011-06010-00	BOLT (97021-06010)	1	
25	90201-061A5-00	WASHER, PLATE	1	
26	2F4-84118-00-00	STAY, HEADLIGHT 1	1	SILVER
27	2F4-84119-00-00	STAY, HEADLIGHT 2	1	SILVER

CONTINUED ON NEXT FRAME ►

FRONT FORK - FRONT FENDER

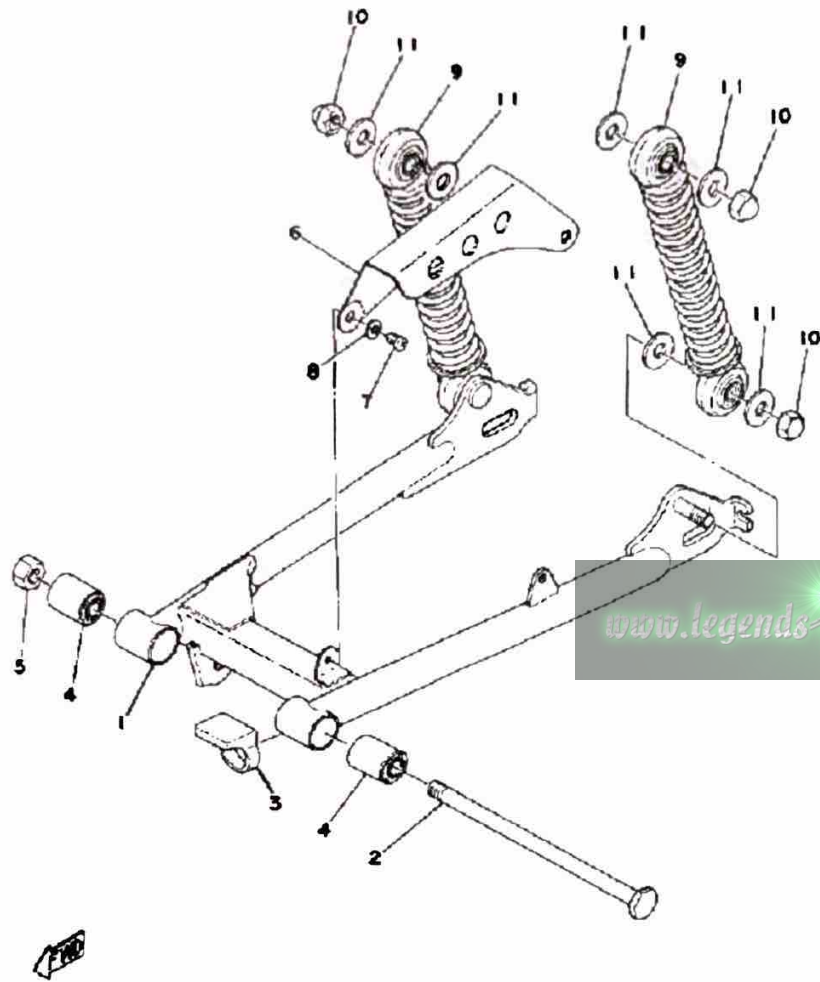


Recommended front fork oil:
Yamaha fork oil SAE10W

Front fork oil capacity:
112 ± 4 cc (3.79 ± 0.136 oz)

Ref. No.	Part Number	Description	Qty	Remarks
28	97013-06012-00	BOLT	2	
29	90201-061A5-00	WASHER, PLATE	2	
	92990-06200-00	WASHER, PLAIN	2	
30	(90119-08010-00)	BOLT, WITH WASHER	1	

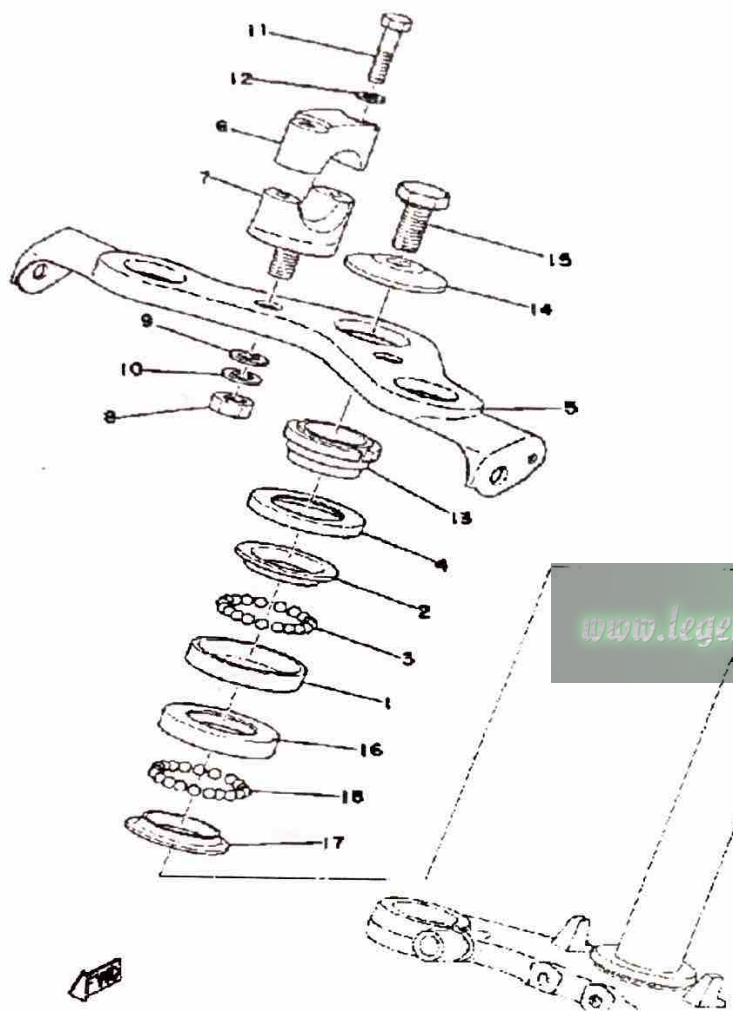
SWING ARM - REAR SHOCKS - CHAIN CA



Ref. No.	Part Number	Description	Qty	Remarks
1	(367-22110-00-33)	REAR ARM	1	YAMAHA BLK
2	288-22141-00-00	SHAFT, PIVOT	1	
3	183-22151-00-00	SEAL, GUARD	1	
4	102-22123-00-00	BUSH 1	2	
5	95303-10600-00	NUT	1	
6	288-22311-00-33	CASE, CHAIN	1	YAMAHA BLK
7	98580-05010-00	SCREW, PAN HEAD	2	
8	92990-05100-00	WASHER, SPRING	2	
9	367-22210-21-00	SHK/ABS ASSEMBLY, REAR .	2	
10	90176-10013-00	NUT, CROWN	4	
11	90201-10437-00	WASHER, PLATE	8	

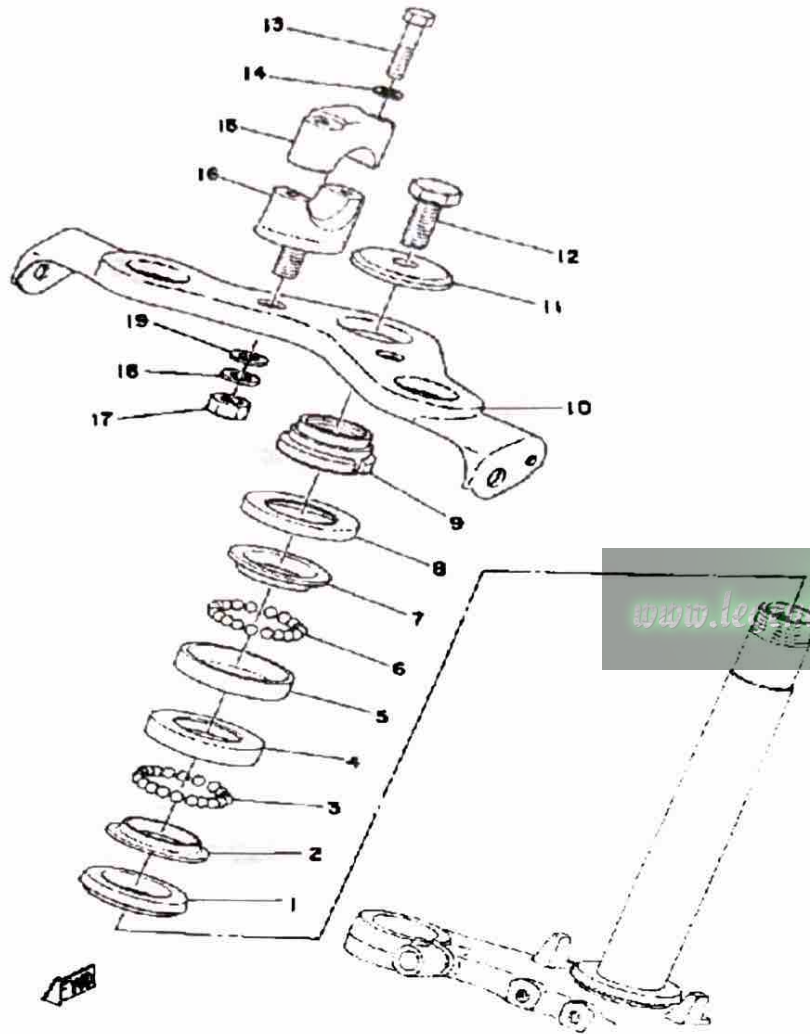
www.legends-yamaha-enduros.com

STEERING GT80E - GT80G



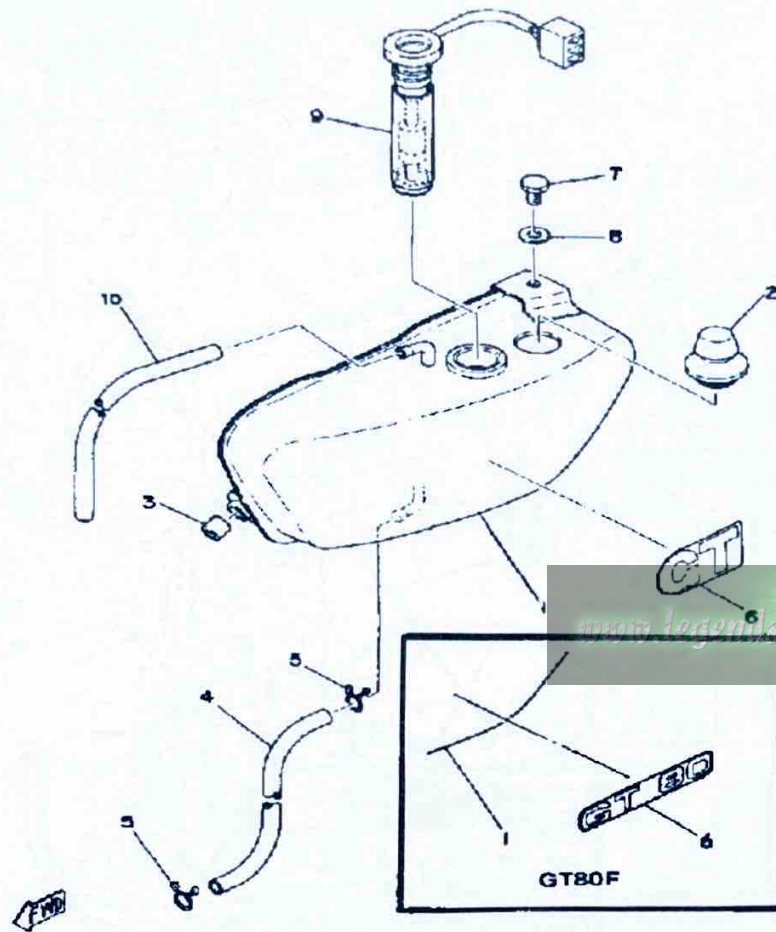
Ref. No.	Part Number	Description	Qty	Remarks
1	22F-23412-01-00	RACE, BALL 2	1	
2	22F-23411-01-00	RACE, BALL 1	1	
3	93503-16010-00	BALL	22	
4	122-23416-00-00	COVER, BALL RACE 2	1	
5	(368-23435-00-35)	CROWN, HANDLE	1	SILVER
6	462-23441-00-00	HOLDER, HANDLE UPR (122-23441-00)	2	
7	462-23442-00-98	HOLDER, HANDLE LWR	2	
8	95303-10600-00	NUT	2	
9	92990-10600-00	WASHER, PLATE	2	
10	92990-10100-00	WASHER, SPRING	2	
11	97013-06035-00	BOLT	4	
12	90201-061A5-00	WASHER, PLATE	4	
13	90179-25051-00	NUT	1	
14	90209-10021-00	WASHER, SPEC'L SHAP	1	
15	90105-10006-00	BOLT, WASHER BASED	1	
16	156-23412-00-00	RACE, BALL 2	1	
17	156-23411-00-00	RACE, BALL 1	1	
18	93501-04011-00	BALL	19	

STEERING GT80E~009161 - GT80F



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	122-23416-00-00	COVER, BALL RACE 2	1	
9	90179-25051-00	NUT	1	
10	(368-23435-00-35)	CROWN, HANDLE	1	SILVER
11	90209-10021-00	WASHER, SPEC"L SHAP	1	
12	90105-10006-00	BOLT, WASHER BASED	1	
13	97313-10603-50	UNAVAILABLE IN PRICE BOOK (97314-06035)	4	
14	90201-061A5-00	WASHER, PLATE	4	
15	462-23441-00-00	HOLDER, HANDLE UPR (122-23441-00)	2	
16	462-23442-00-98	HOLDER, HANDLE LWR	2	
17	95303-10600-00	NUT	2	
18	92990-10100-00	WASHER, SPRING	2	
19	92990-10100-00	WASHER, SPRING	2	

OIL TANK GT80E - GT80E~009161 - GT8



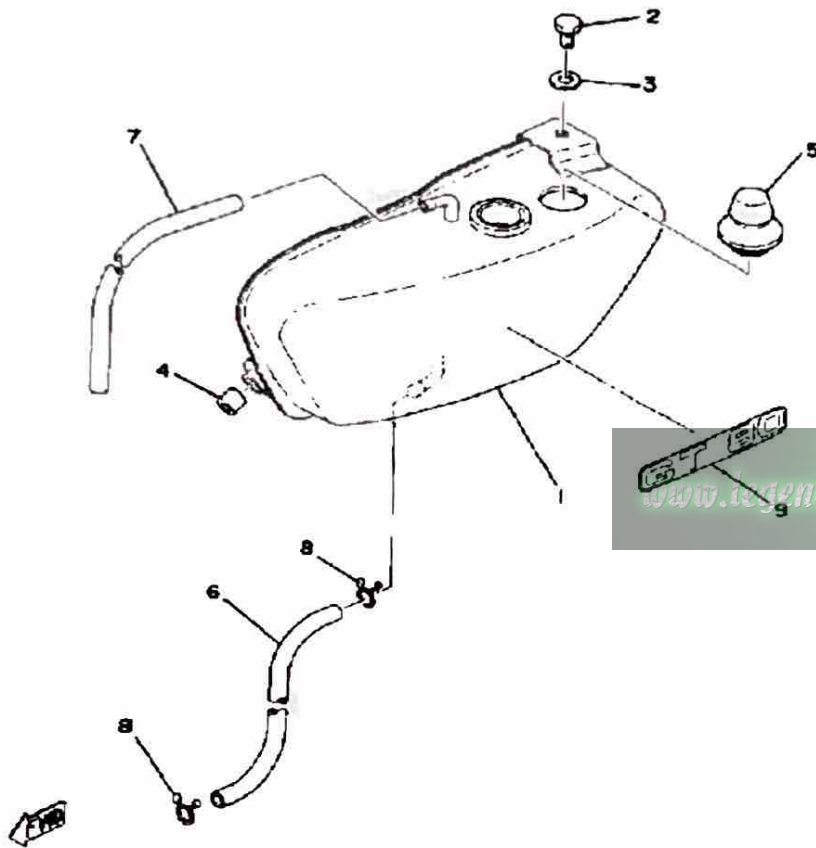
Ref. No.	Part Number	Description	Qty	Remarks
1	(2A3-21751-00-20)	TANK, OIL	1	CRYSTAL SILVER
2	2A3-21771-00-00	BODY, CAP	1	
3	353-21778-00-00	DAMPER, LOCATING 1	1	
4	90445-09226-00	HOSE	1	
5	90467-08003-00	CLIP	2	
6	(2F4-21781-00-00)	EMBLEM 1	1	
	(2F4-21781-01-00)	EMBLEM 1	1	
7	97013-06012-00	BOLT	1	
8	90201-061A5-00	WASHER, PLATE	1	
9	2E7-85720-02-00	OIL LVL GAUGE ASSEMBLY ..	1	
10	90445-09226-00	HOSE	1	

Oiling System	Autolube
Capacity: Dry	0.7 lit.
Lubricant Temp above 5°C (40°F)	Yamalube 2° or equivalent
Below 18°C (60°F)	Yamalube 2° or Equivalent

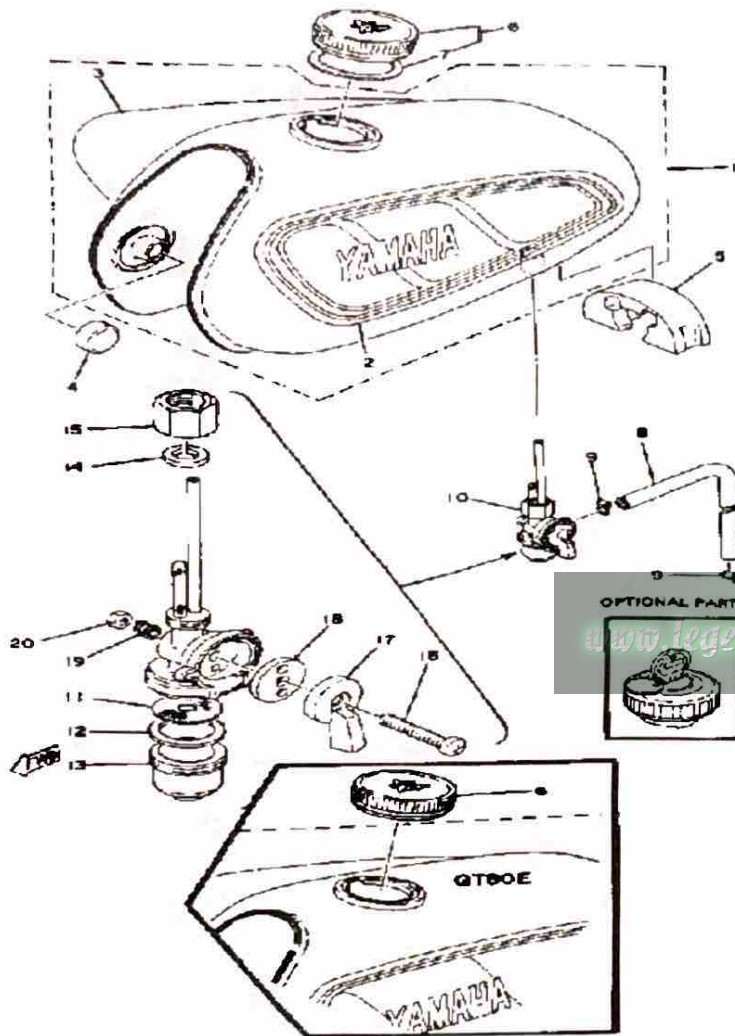
OIL TANK GT80G

Oiling System	Autolube
Capacity: Dry	0.7 lit. (0.74 qt.)
Lubricant: Temp above 5°C (40°F)	Yamalube 2 ⁺ or equivalent
Below 15°C (60°F)	Yamalube 2 ⁺ or Equivalent

Ref. No.	Part Number	Description	Qty	Remarks
1	(2A3-21751-00-T5)	TANK, OIL	1	MAXIM RED
2	97013-06012-00	BOLT	1	
3	90201-061A5-00	WASHER, PLATE	1	
4	353-21778-00-00	DAMPER, LOCATING 1	1	
5	2A3-21771-00-00	BODY, CAP	1	
6	90445-09226-00	HOSE	1	
7	90445-09226-00	HOSE	1	
8	90467-08003-00	CLIP	2	
9	(3J8-21781-00-00)	EMBLEM 1	1	



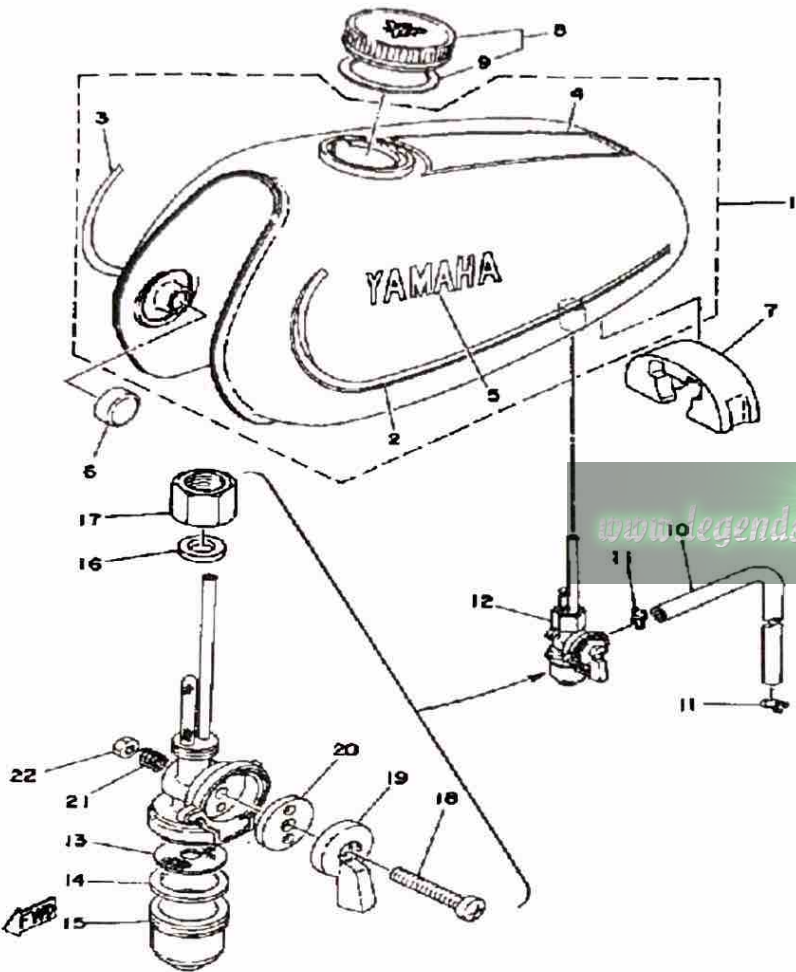
FUEL TANK GT80E - GT80E~009161



Ref. No.	Part Number	Description	Qty	Remarks
1	(367-24110-Y0-X2)	FUEL TANK	1	CRYSTAL SILVER
2	(2F4-24244-00-00)	GRAPHIC, FUEL TNK 1	1	
3	(2F4-24245-00-00)	GRAPHIC, FUEL TNK 2	1	
4	122-24181-00-00	DAMPER, LOCATING 1	2	
5	353-24182-00-00	DAMPER, LOCATING 2	1	
6	122-24610-01-00	CAP ASSEMBLY	1	
7	122-24612-01-00	. GASKET, CAP	1	E-009161
8	90445-09066-00	HOSE	1	
9	90467-08003-00	CLIP	2	
10	367-24500-04-00	FUEL COCK ASSEMBLY 1 ...	1	
11	355-24515-00-00	. NET, FILTER 2	1	
12	102-24522-01-00	. GASKET	1	
13	122-24521-00-00	. CUP, FILTER	1	
14	122-24532-00-00	. GASKET	1	
15	603-24531-01-00	. NUT	1	
16	98501-05030-00	. SCREW, PAN HEAD	1	
17	(355-24524-01-00)	LEVER, COCK	1	
18	355-24523-00-00	. VALVE	1	
19	(355-24518-00-00)	WASHER, WAVE	1	
20	127-24650-02-00	CAP ASSEMBLY	1	OPTIONAL PARTS/LOCK KEY
	95380-05600-00	. NUT	1	

Fuel Type/Fuel Tank Capacity/Reserve Capacity Regular / 4.8 lit (1.3 gal) / 0.5 lit (0.1 gal)

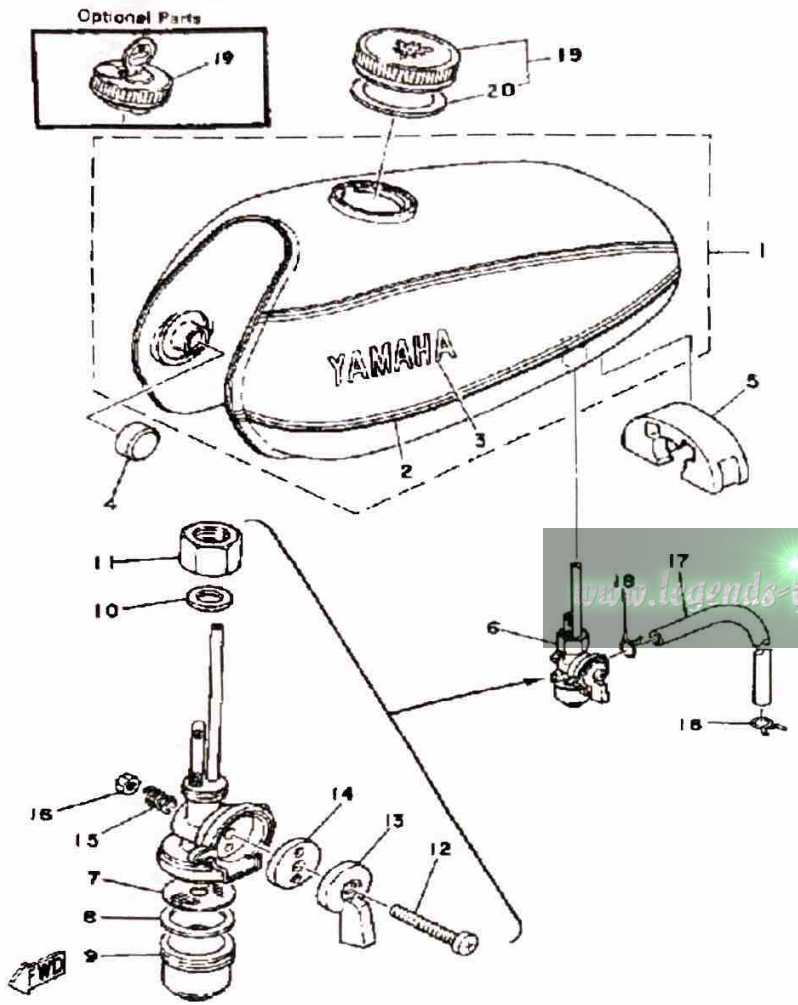
FUEL TANK GT80F



Ref. No.	Part Number	Description	Qty	Remarks
1	(367-24110-Y0-W1)	FUEL TANK	1	CRYSTAL SILVER
2	(2F4-24244-01-00)	GRAPHIC, FUEL TNK 1	1	
3	(2F4-24245-01-00)	GRAPHIC, FUEL TNK 2	1	
4	(2F4-24246-01-00)	GRAPHIC, FUEL TNK 3	1	
5	388-24161-00-00	. EMBLEM 1	2	
6	122-24181-00-00	DAMPER, LOCATING 1	2	
7	353-24182-00-00	DAMPER, LOCATING 2	1	
8	122-24610-01-00	CAP ASSEMBLY	1	
	127-24650-02-00	CAP ASSEMBLY	1	OPTIONAL PART
9	122-24612-01-00	. GASKET, CAP	1	
10	90445-09066-00	HOSE	1	
11	90467-08003-00	CLIP	2	
12	367-24500-04-00	FUEL COCK ASSEMBLY 1	1	
13	355-24515-00-00	. NET, FILTER 2	1	
14	102-24522-01-00	. GASKET	1	
15	122-24521-00-00	. CUP, FILTER	1	
16	122-24532-00-00	. GASKET	1	
17	603-24531-01-00	. NUT	1	
18	98501-05030-00	. SCREW, PAN HEAD	1	
19	(355-24524-01-00)	LEVER, COCK	1	
20	355-24523-00-00	. VALVE	1	
21	(355-24518-00-00)	WASHER, WAVE	1	
22	95380-05600-00	. NUT	1	

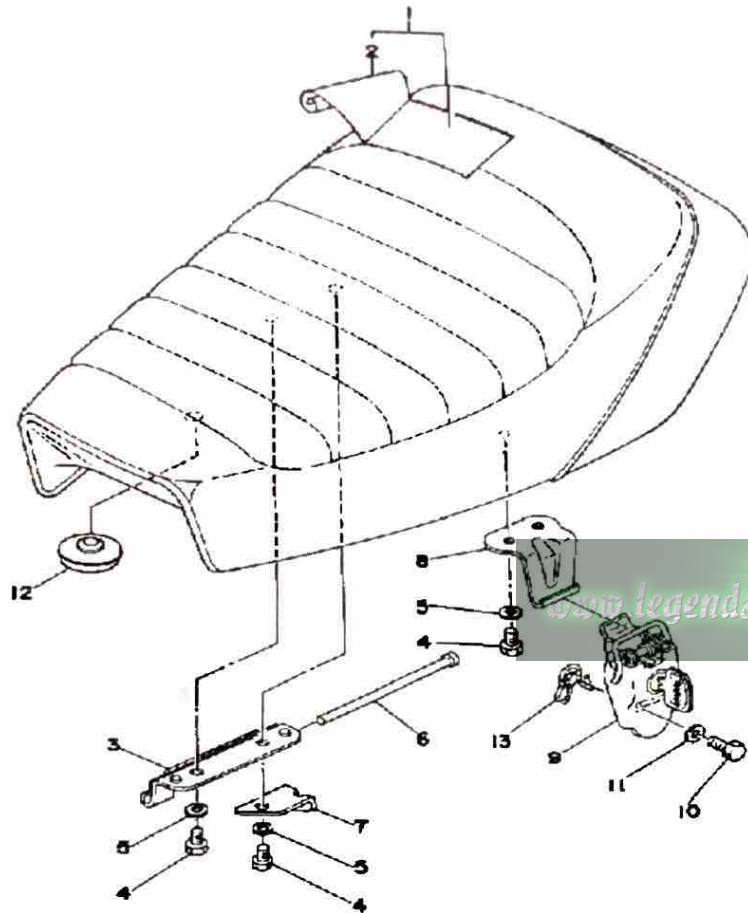
FUEL TANK GT80G

Fuel Type/Fuel Tank Capacity/Reserve Capacity Regular / 4.8 lit (1.3 gal) / 0.8 lit (0.1 gal)



Ref. No.	Part Number	Description	Qty	Remarks
1	(367-24110-Y0-W2)	FUEL TANK	1	MAXIM RED
2	(3J8-24240-00-00)	GRAPHIC SET	1	
3	99221-00030-00	. EMBLEM 1	2	
4	122-24181-00-00	. DAMPER, LOCATING 1	2	
5	353-24182-00-00	. DAMPER, LOCATING 2	1	
6	367-24500-04-00	FUEL COCK ASSEMBLY 1 ...	1	
7	355-24515-00-00	. NET, FILTER 2	1	
8	102-24522-01-00	. GASKET	1	
9	122-24521-00-00	. CUP, FILTER	1	
10	122-24532-00-00	. GASKET	1	
11	603-24531-01-00	. NUT	1	
12	98501-05030-00	. SCREW, PAN HEAD	1	
13	(355-24524-01-00)	LEVER, COCK	1	
14	355-24523-00-00	. VALVE	1	
15	(355-24518-00-00)	WASHER, WAVE	1	
16	95380-05600-00	. NUT	1	
17	90445-09066-00	HOSE	1	
18	90467-08003-00	CLIP	2	
19	122-24610-01-00	CAP ASSEMBLY	1	
	127-24650-02-00	CAP ASSEMBLY	1	OPTIONAL PART
20	122-24612-01-00	. GASKET, CAP	1	

SEAT

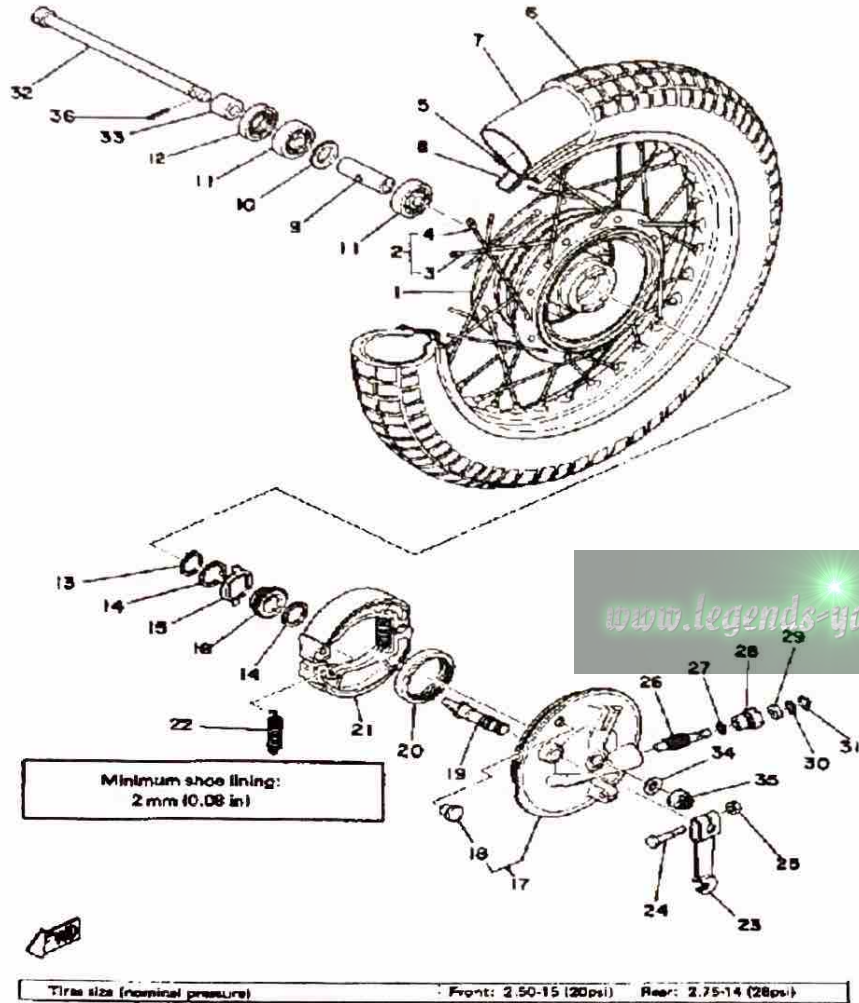


Ref. No.	Part Number	Description	Qty	Remarks
1	2A3-W2473-00-00	SEMI-DBL-SEAT ASSEMBLY ..	1	
2	2A3-24771-00-00	. COVER, SM-DBL SEAT	1	
3	353-24726-00-00	HINGE, SEAT	1	
4	97013-06012-00	BOLT	4	
5	92995-06100-00	WASHER, SPRING	4	
6	1K8-24774-00-00	PIN	1	
7	374-24768-00-00	STOPPER	1	
8	278-24728-00-00	BRACKET, SEAT	1	
9	1K8-24705-00-00	SEAT LOCK ASSEMBLY (2A3-24705-00)	1	
10	97011-06025-00	BOLT (97001-06025)	1	
11	90201-061A5-00	WASHER, PLATE	1	
12	1L9-24741-00-00	PAD, SEAT	3	
13	341-24818-02-00	HOOK, HELMET	1	

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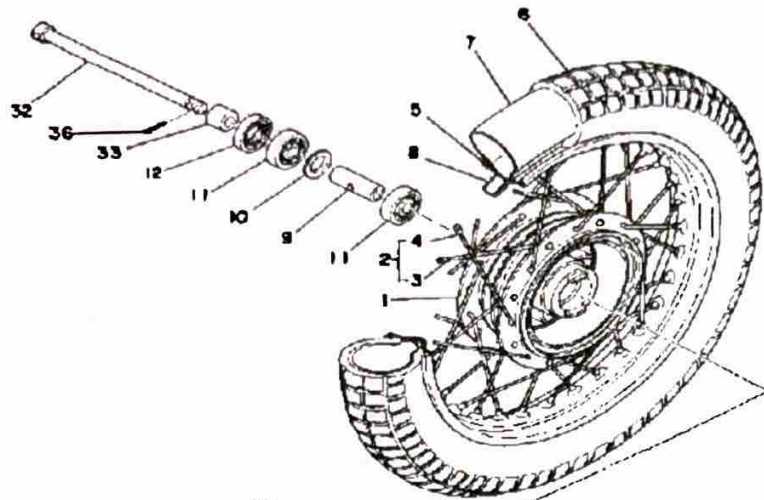
FRONT WHEEL



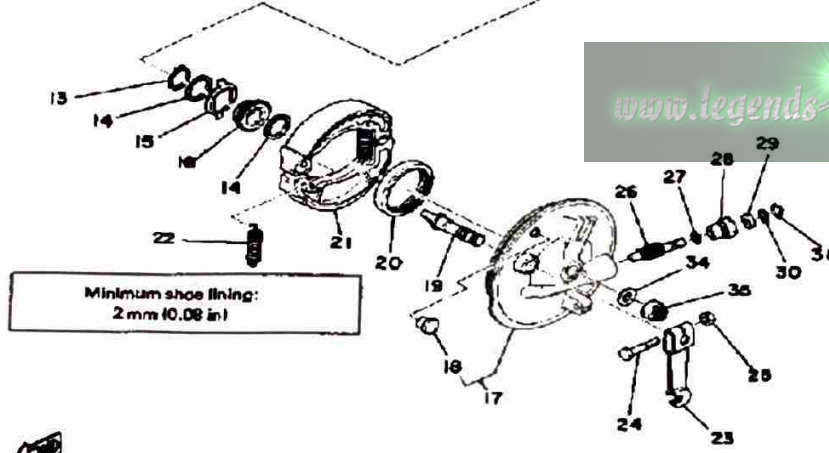
Ref. No.	Part Number	Description	Qty	Remarks
1	(367-25111-00-Y8)	HUB, FRONT	1	
2	288-25104-01-00	SPOKE SET, FRONT	1	
3	(288-25196-90-00)	SPOKE SET, INNER 1	1	10 PCS. E ONLY
4	(288-25197-90-00)	SPOKE SET, OUTER 1	1	10 PCS. E ONLY
5	94414-15058-00	RIM 1.40X 5	1	
6	94125-15478-00	250-15 IRC TRIALS	1	
7	94225-15103-00	TUBE 250X 5	1	
8	94313-15154-00	BAND, RIM	1	
9	90560-10303-00	SPACER, BEARING	1	
10	2E9-25116-00-00	FLANGE, SPACER 2	1	
11	93306-30003-00	BEARING (B6300Z)	2	
12	93102-20009-00	OIL SEAL	1	
13	99009-20400-00	CIRCLIP	1	
14	90201-20269-00	WASHER, PLATE	2	
15	183-25149-00-00	CLUTCH, METER	1	
16	(2F4-25135-00-00)	GEAR, DRIVE	1	
17	1K8-25016-00-Y8	BRAKE SHOE PLT ASSEMBLY	1	
18	90480-10068-00	GROMMET	1	
19	3Y6-25351-00-00	CAMSHAFT	1	
20	93105-47007-00	OIL SEAL	1	
21	10X-W2536-00-00	BRAKESHOE SET-2PCS	2	
22	90506-16150-00	SPRING, TENSION	2	
23	538-25155-00-00	LEVER, CAMSHAFT 1	1	
24	90101-06278-00	BOLT	1	
25	95380-06600-00	NUT, HEXAGON	1	
26	2F4-25138-00-00	GEAR, METER	1	
27	90201-07076-00	WASHER, PLATE	1	
28	109-25136-00-00	BUSH	1	
29	93104-07003-00	OIL SEAL	1	

CONTINUED ON NEXT FRAME ►

FRONT WHEEL



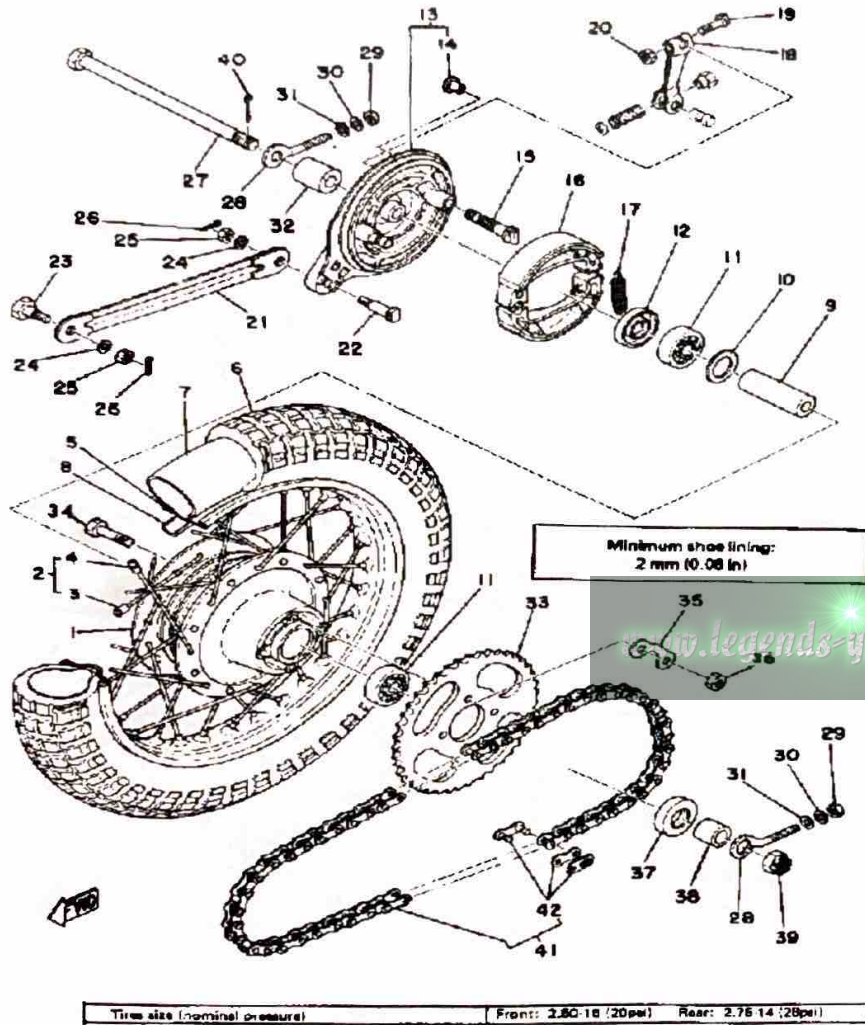
Ref. No.	Part Number	Description	Qty	Remarks
30	93210-14104-00	O-RING	1	
31	102-25137-00-00	RING, STOP	1	
32	99999-02188-00	AXLE, WHEEL (353-25181-03-00)	1	
33	90387-10077-00	COLLAR	1	
34	92990-10600-00	WASHER, PLATE	1	
35	90171-10004-00	NUT, CASTLE	1	
36	91490-20020-00	PIN, COTTER	1	



Minimum shoe lining:
2 mm (0.08 in)

Tires size (nominal pressure) : Front: 2.50-15 (20psi) Rear: 2.75-14 (28psi)

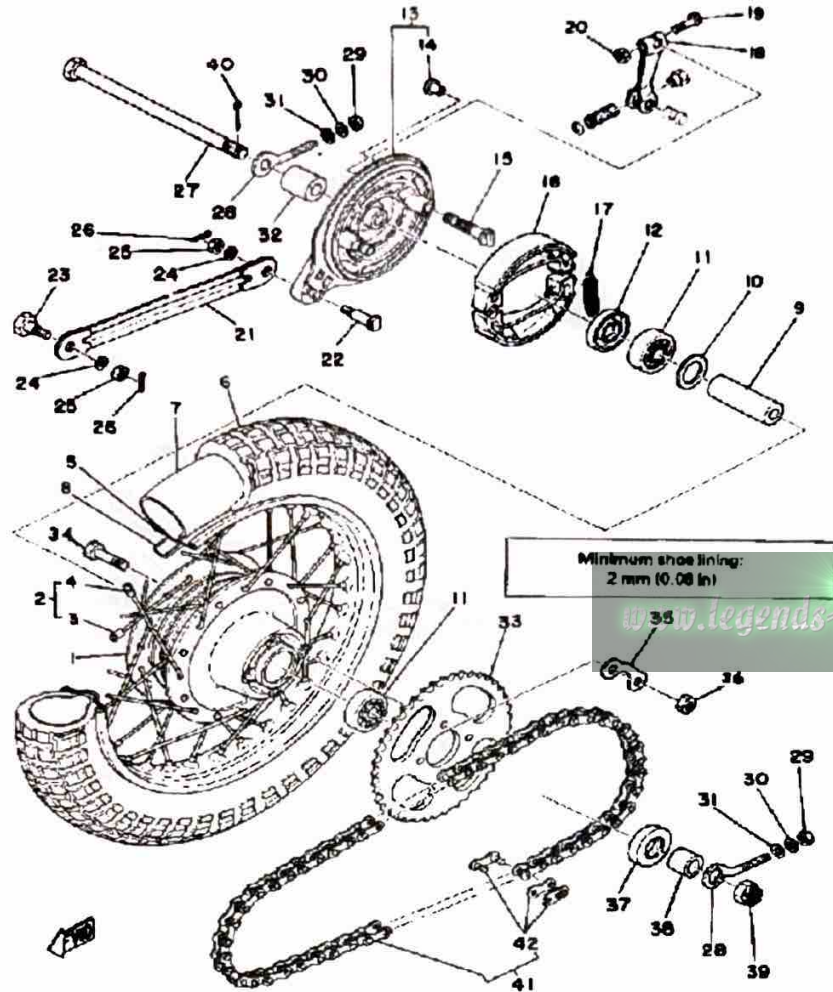
REAR WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
1	(288-25311-01-Y8)	HUB, REAR	1	
2	367-25304-00-00	SPOKE SET, REAR	1	
3	(367-25396-90-00)	SPOKE SET, INNER 2	1	10 PCS. E ONLY
4	367-25397-90-00	SPOKE SET, OUTER 2	1	10 PCS. E ONLY
5	94414-14077-00	RIM 1.40X 4	1	
6	94127-14477-00	275-14 IRC TRIALS	1	
7	94227-14196-00	TUBE	1	
8	94327-14076-00	BAND, RIM (2.50-14) (94325-14099-00)	1	
9	90560-12170-00	SPACER	1	
10	109-25315-00-00	FLANGE, SPACER	1	
11	93306-30101-00	BEARING (B6301)	2	
12	93106-20033-00	OIL SEAL (3TU)	1	
13	355-25026-00-Y8	BRAKE SHOE PLT ASSEMBLY	1	
14	90480-10068-00	GROMMET	1	
15	3Y6-25351-00-00	CAMSHAFT	1	
16	10X-W2536-00-00	BRAKESHOE SET-2PCS	2	
17	90506-16150-00	SPRING, TENSION	2	
18	538-25355-00-00	LEVER, CAMSHAFT	1	
19	90101-06278-00	BOLT	1	
20	95380-06600-00	NUT, HEXAGON	1	
21	353-25371-00-00	BAR, TENSION	1	
22	90109-08183-00	BOLT	1	
23	90109-08368-00	BOLT	1	
24	92990-08100-00	WASHER, SPRING	2	
25	95303-08700-00	NUT	2	
26	91490-20020-00	PIN, COTTER	2	
27	367-25381-00-00	AXLE, WHEEL	1	
28	102-25389-00-00	PULLER, CHAIN 2	2	

CONTINUED ON NEXT FRAME ►

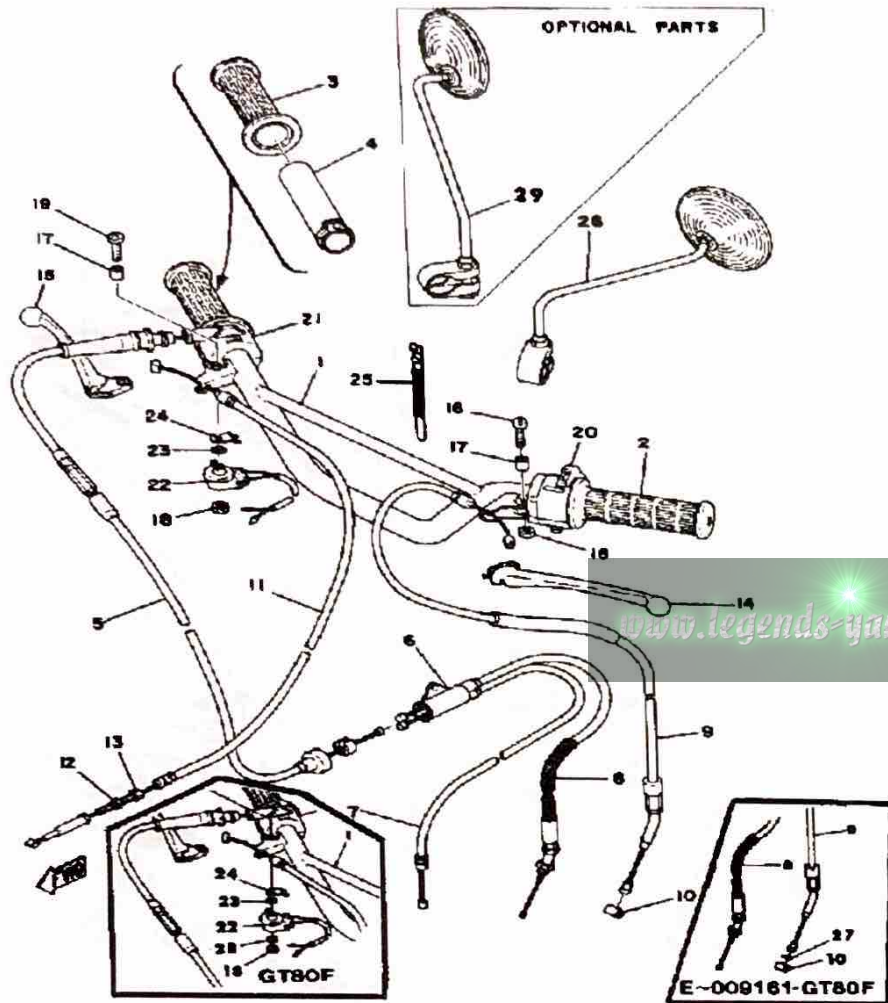
REAR WHEEL



Ref. No.	Part Number	Description	Qty	Remarks
29	95380-06600-00	NUT, HEXAGON	2	
30	92995-06100-00	WASHER, SPRING	2	
31	90201-061A5-00	WASHER, PLATE	2	
32	90387-12412-00	COLLAR	1	
33	288-25439-10-33	SPROCKET, DRVN 39T	1	U.R.
	5J1-25441-20-00	SPROCKET, DRVN 41T (288-25441-10-33)	1	STD-009161
34	90109-08319-00	BOLT	4	
35	2A3-25412-00-00	WASHER (2A3-25412-00)	2	
36	90170-08158-00	NUT	4	
37	93104-21016-00	OIL SEAL, SO-TYPE	1	
38	90387-120F9-00	COLLAR	1	
39	90171-12005-00	NUT, CASTLE	1	
40	91401-30030-00	PIN, COTTER	1	
41	94580-52096-00	420M-96RD	1	
42	94680-52001-00	. JOINT, CHAIN (DID 420M)	1	

Tire size (nominal pressure) Front: 2.60-16 (20psi) Rear: 2.76-14 (28psi)

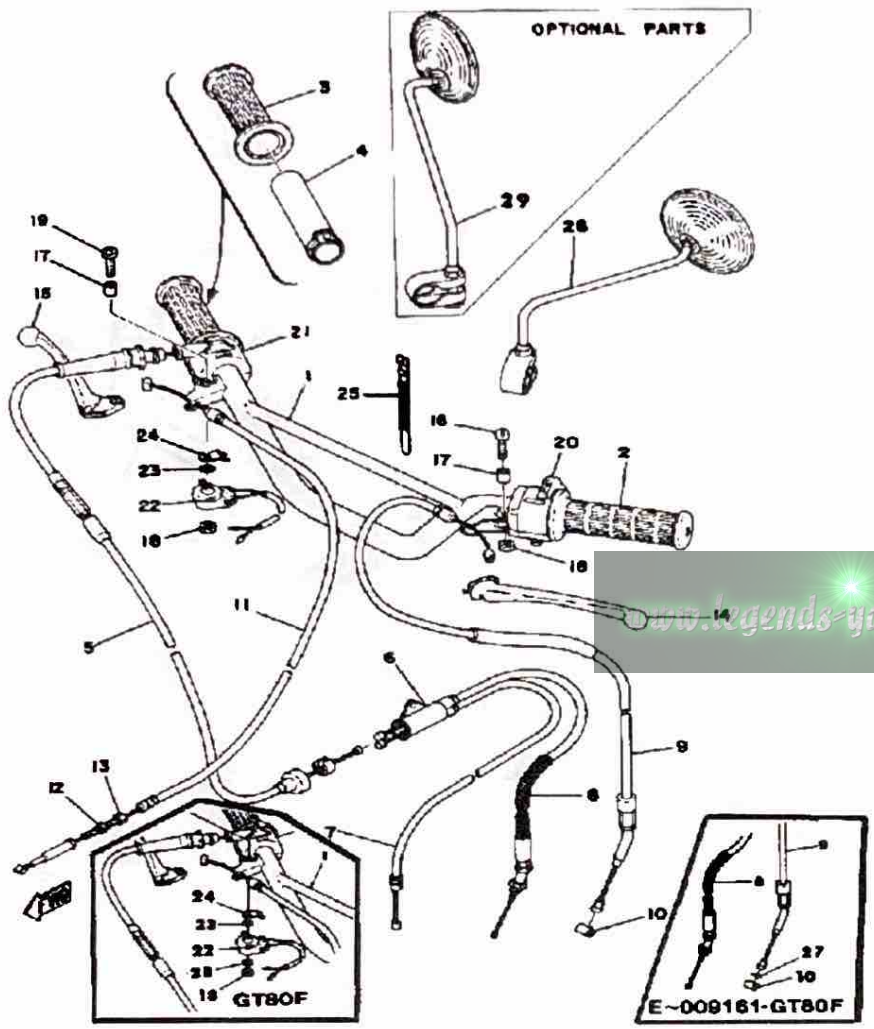
HANDLEBAR - CABLE GT80E - GT80E~0091



Ref. No.	Part Number	Description	Qty	Remarks
1	367-26111-03-00	HANDLEBAR	1	
2	462-26241-00-00	GRIP (L.H.)	1	
3	462-26242-00-00	GRIP (R.H.)	1	
4	434-26243-12-00	TUBE, THROTTLE GUIDE	1	
5	367-26311-02-00	CABLE, THROTTLE 1	1	
6	4U1-26261-00-00	CONNECTOR, CABLE	1	
7	367-26312-01-00	CABLE, THROTTLE 2	1	
8	367-26321-02-00	CABLE, PUMP	1	
9	367-26335-02-00	CABLE, CLUTCH	1	
10	164-26363-00-00	END, CABLE	1	
11	367-26341-01-00	CABLE, BRAKE	1	
12	90179-06143-00	NUT, SPEC'L SHAPE	1	
13	90123-06011-00	BOLT	1	
14	137-83912-02-38	LEVER L	1	
15	2N3-83922-00-00	LEVER R	1	
16	98501-05018-00	SCREW, PAN HEAD	1	
17	90387-05383-00	COLLAR	2	
18	95601-05100-00	NUT, U	2	
19	90157-05006-00	SCREW, PAN HEAD (803-83915-00)	1	
20	(393-83973-02-00)	SWITCH, HANDLE 3	1	
21	462-83976-01-00	SWITCH, HANDLE 1	1	
22	232-83980-30-00	STOP SWITCH ASSEMBLY ...	1	
23	90201-05027-00	WASHER, PLATE	1	
24	(338-83983-00-00)	BRKT, FRT STOP SWCH	1	
25	437-83936-01-00	BAND, SWITCH CORD	2	
26	374-26290-00-00	MIRROR ASS'Y (LEFT)	1	
27	90201-061A5-00	WASHER, PLATE	1	
28	90201-05027-00	WASHER, PLATE	1	

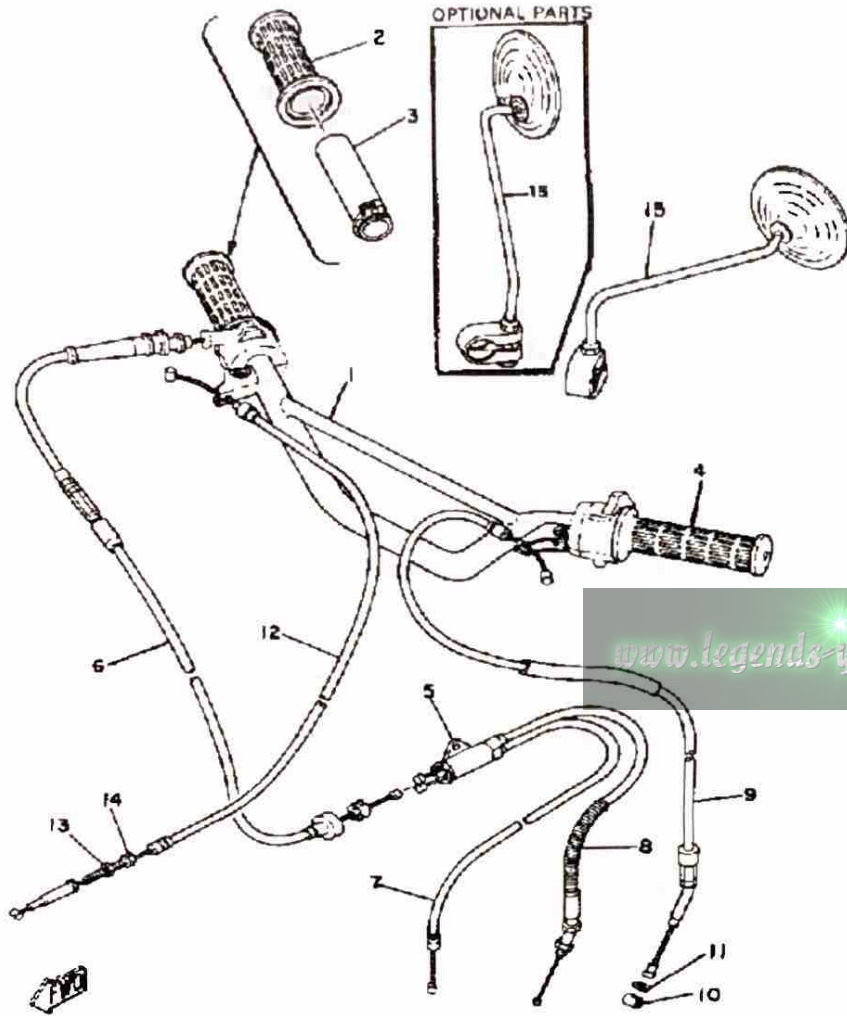
CONTINUED ON NEXT FRAME ►

HANDLEBAR - CABLE GT80E - GT80E~0091



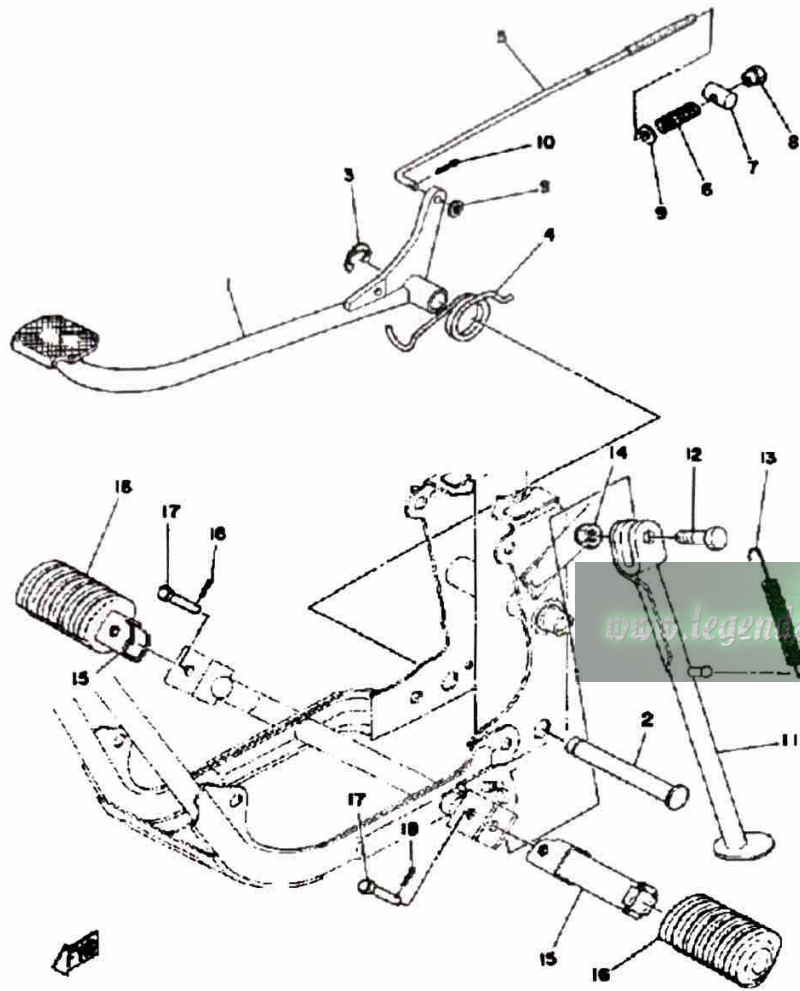
Ref. No.	Part Number	Description	Qty	Remarks
29	374-26290-00-00	MIRROR ASS'Y (LEFT)	1	OPTIONAL PARTS

HANDLEBAR - CABLE GT80G



Ref. No.	Part Number	Description	Qty	Remarks
1	367-26111-03-00	HANDLEBAR	1	
2	462-26242-00-00	GRIP (R.H.)	1	
3	434-26243-12-00	TUBE, THROTTLE GUIDE	1	
4	462-26241-00-00	GRIP (L.H.)	1	
5	4U1-26261-00-00	CONNECTOR, CABLE	1	
6	367-26311-02-00	CABLE, THROTTLE 1	1	
7	367-26312-01-00	CABLE, THROTTLE 2	1	
8	367-26321-02-00	CABLE, PUMP	1	
9	367-26335-02-00	CABLE, CLUTCH	1	
10	164-26363-00-00	END, CABLE	1	
11	90201-061A5-00	WASHER, PLATE	1	
12	367-26341-01-00	CABLE, BRAKE	1	
13	90179-06143-00	NUT, SPEC'L SHAPE	1	
14	90123-06011-00	BOLT	1	
15	374-26290-00-00	MIRROR ASS'Y (LEFT)	1	
	374-26290-00-00	MIRROR ASS'Y (LEFT)	1	OPTIONAL PARTS

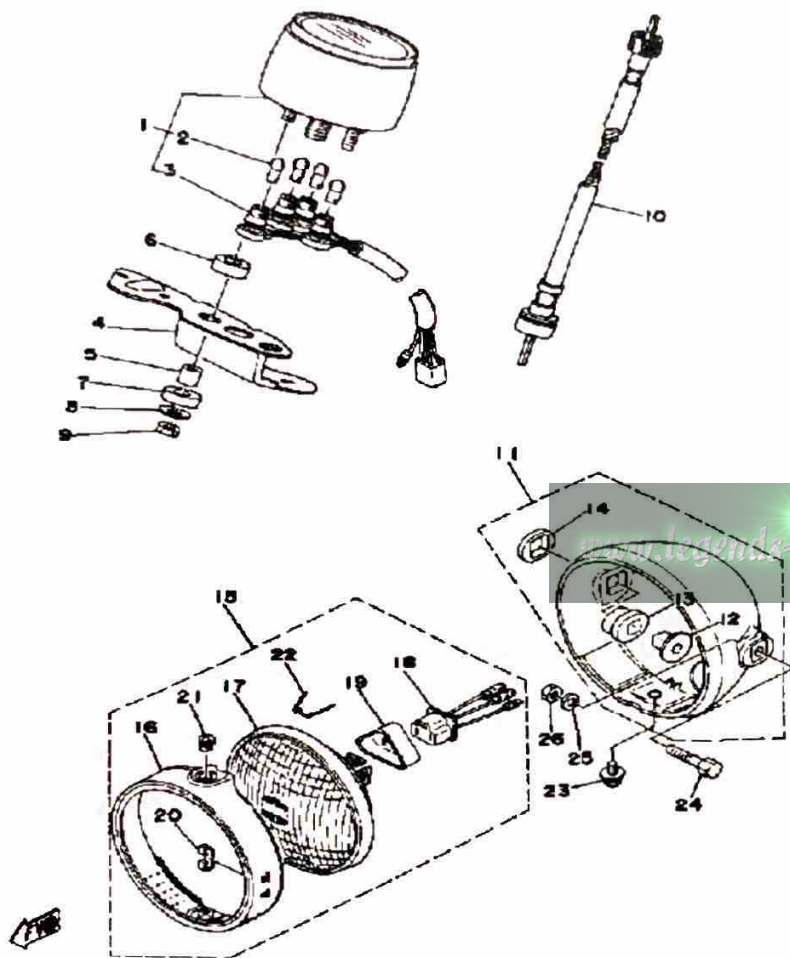
STAND - FOOTREST - BRAKE PEDAL



Ref. No.	Part Number	Description	Qty	Remarks
1	2F4-27211-00-R4	PEDAL, BRAKE	1	
2	2A3-27212-00-00	SHAFT, BRAKE PEDAL	1	
3	93430-12008-00	CIRCLIP	1	
4	90508-32056-00	SPRING, TORSION	1	
5	288-27231-00-00	ROD, BRAKE	1	
6	90501-10245-00	SPRING, COMPRESSION	1	
7	90249-12008-00	PIN	1	
8	90179-06411-00	NUT	1	
9	90201-061A5-00	WASHER, PLATE	2	
10	91490-20020-00	PIN, COTTER	1	
11	367-27311-02-R4	STAND, SIDE	1	
12	90109-08031-00	BOLT	1	
13	90506-29052-00	SPRING, TENSION	1	
14	90185-08055-00	NUT, SELF-LOCKING	1	
15	214-27421-00-00	FOOTREST 2	2	
16	214-27413-00-00	COVER, FOOTREST	2	
17	91701-08038-00	PIN, CLEVIS	2	
18	91490-20020-00	PIN, COTTER	2	

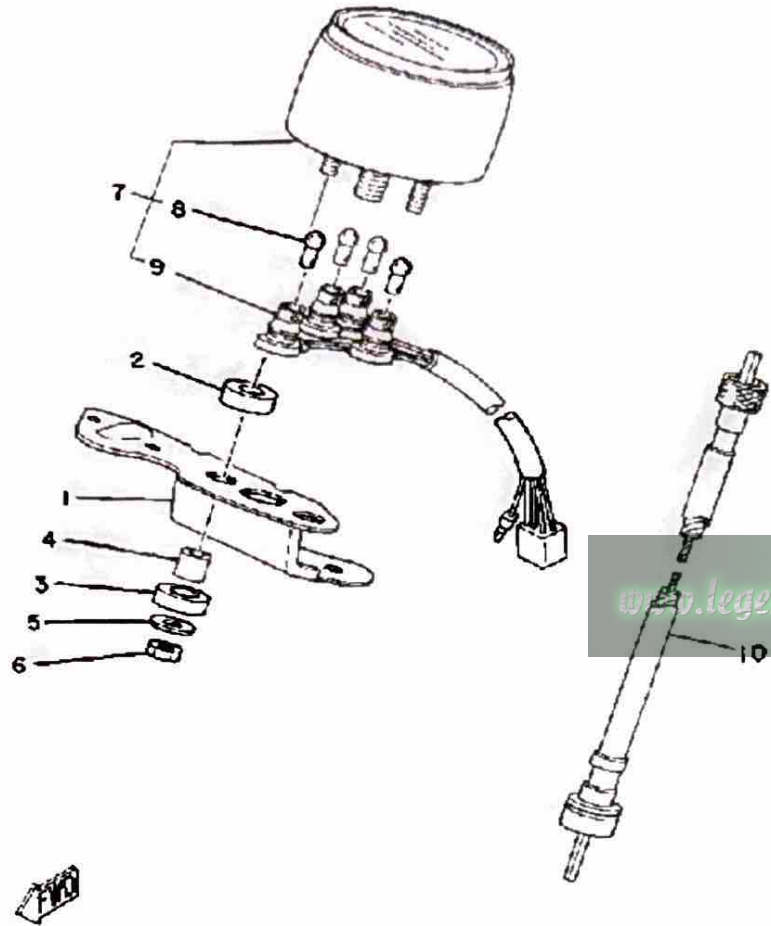
HEADLIGHT - METER GT80E - GT80E~0091

Headlight / Taillight / Signal Rating	6V 30-30W / 6V 25-5.3W / 6V 17W
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Ref. No.	Part Number	Description	Qty	Remarks
1	(2F4-83510-61-00)	SPEEDOMETER ASSEMBLY ..	1	MILE/H
2	122-83516-10-00	. BULB	4	
3	(2F4-83520-00-00)	SOCKET CORD ASSEMBLY ..	1	
4	(2F4-83519-00-98)	BRACKET, METER	1	
5	355-83522-00-00	COLLAR	2	
6	(1M3-83513-00-00)	DAMPER	2	
7	355-83526-00-00	DAMPER 2	2	
8	90201-06412-00	WASHER, PLATE	2	
9	95380-06600-00	NUT, HEXAGON	2	
10	2A1-83550-10-00	SPEEDOMETER CABLE	1	
11	1M1-84130-60-00	BODY ASSEMBLY, HEADLIGHT (1M1-84130-60-98)	1	LOW GLOSS BLK
12	498-84145-60-00	. COLLAR, BODY FITTING	2	
13	498-84163-60-00	. DAMPER	2	
14	1M1-84164-60-00	. DAMPER	2	
16	1M1-84195-61-00	. RING, RETAINING	1	
17	498-84120-61-00	. LENS ASSEMBLY	1	
18	371-84312-60-00	. SOCKET	1	
19	341-84397-61-00	. COVER, SOCKET	1	
20	498-84128-60-00	. SPACER	1	
21	1M1-84133-60-00	. COLLAR, SCREW	1	
22	1M1-84124-60-00	. SPRING, SET	3	
23	1M1-84137-60-00	BOLT, SPECIAL	1	
24	97303-08035-00	BOLT, HEXAGON	2	
25	92990-08100-00	WASHER, SPRING	2	
26	95333-08600-00	NUT	2	

METER GT80G

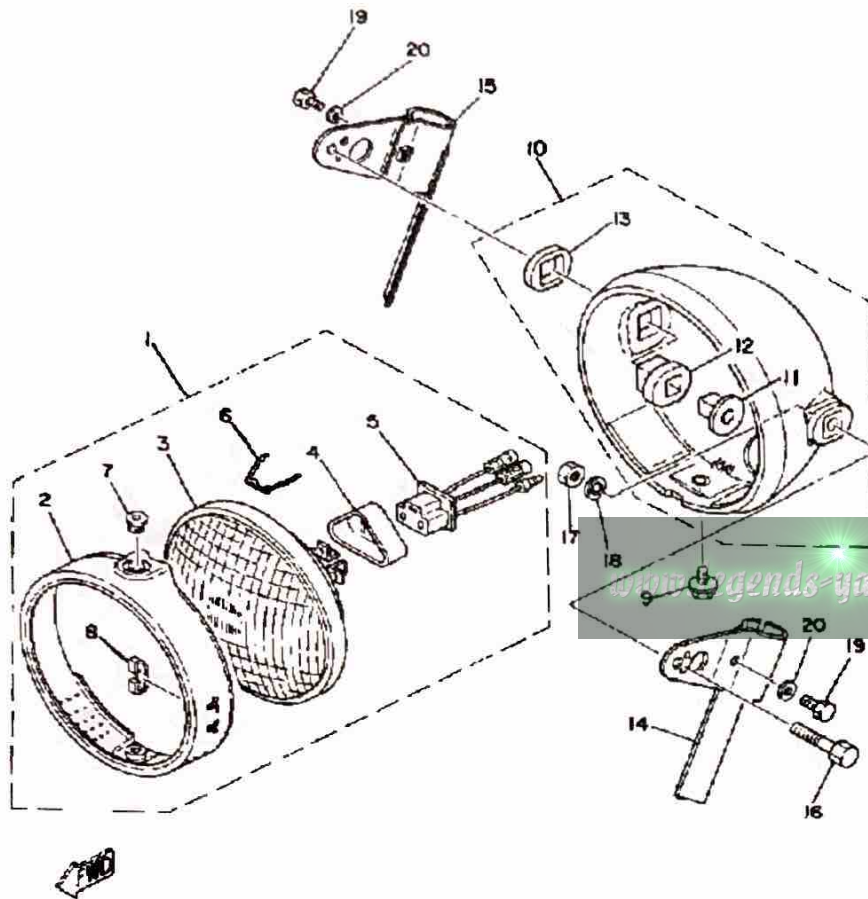


Ref. No.	Part Number	Description	Qty	Remarks
1	(2F4-83519-00-98)	BRACKET, METER	1	LOW GLOSS BLK
2	(1M3-83513-00-00)	DAMPER	2	
3	355-83526-00-00	DAMPER 2	2	
4	355-83522-00-00	COLLAR	2	
5	90201-06412-00	WASHER, PLATE	2	
6	95380-06600-00	NUT, HEXAGON	2	
7	3J8-83510-A0-00	SPEEDOMETER ASSEMBLY ..	1	
8	122-83516-10-00	BULB	4	
9	(2F4-83520-00-00)	SOCKET CORD ASSEMBLY ..	1	
10	2A1-83550-10-00	SPEEDOMETER CABLE	1	

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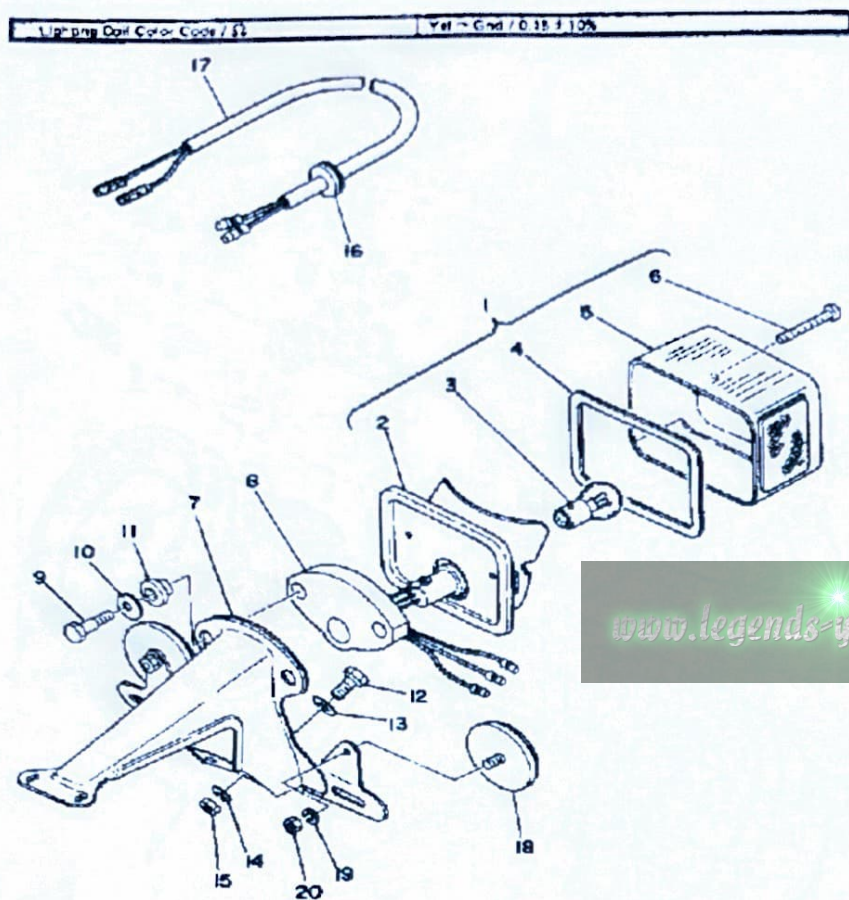
HEADLIGHT GT80G

Headlight / Taillight / Signal Rating	6V30-30W / 6V25-5.3A / 6V17W
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Ref. No.	Part Number	Description	Qty	Remarks
1	(1M1-84110-61-00)	HEADLIGHT UNIT ASSEMBLY	1	
2	1M1-84195-61-00	. RING, RETAINING	1	
3	498-84120-61-00	. LENS ASSEMBLY	1	
4	341-84397-61-00	. COVER, SOCKET	1	
5	371-84312-60-00	. SOCKET	1	
6	1M1-84124-60-00	. SPRING, SET	3	
7	1M1-84133-60-00	. COLLAR, SCREW	1	
8	498-84128-60-00	. SPACER	1	
9	1M1-84137-60-00	BOLT, SPECIAL	1	
10	1M1-84130-60-00	BODY ASSEMBLY, HEADLIGHT (1M1-84130-60-98)	1	
11	498-84145-60-00	. COLLAR, BODY FITTING	2	
12	498-84163-60-00	. DAMPER	2	
13	1M1-84164-60-00	. DAMPER	2	
14	2F4-84118-00-00	STAY, HEADLIGHT 1	1	
15	2F4-84119-00-00	STAY, HEADLIGHT 2	1	
16	97303-08035-00	BOLT, HEXAGON	2	
17	95333-08600-00	NUT	2	
18	92990-08100-00	WASHER, SPRING	2	
19	97013-06012-00	BOLT	2	
20	90201-061A5-00	WASHER, PLATE	2	

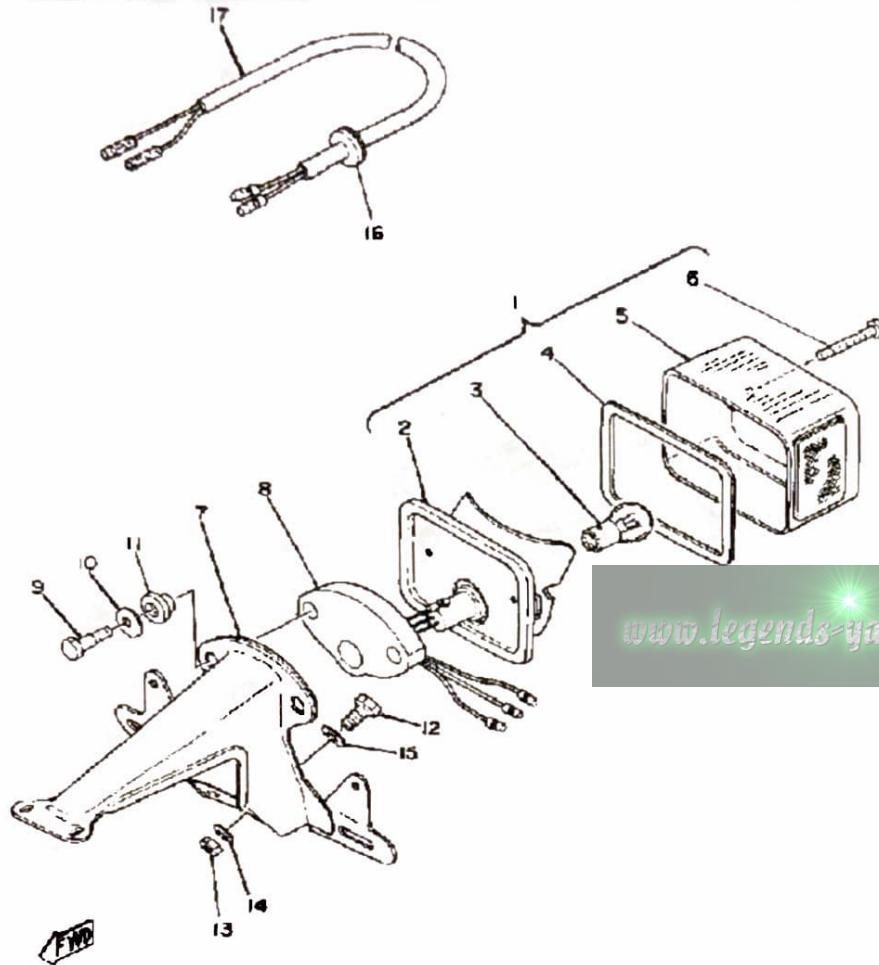
TAILLIGHT GT80E - GT80E~009161 - GT



Ref. No.	Part Number	Description	Qty	Remarks
1	1M1-84510-60-00	TAILLIGHT UNIT ASSEMBLY ..	1	
	2F4-84510-60-00	TAILLIGHT UNIT ASSEMBLY ..	1	
2	1M1-84511-60-00	. BASE, TAILLIGHT	1	
	2F4-84510-60-00	. TAILLIGHT UNIT ASSEMBLY .	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	(2F4-84551-60-33)	BRACKET, LICENCE	1	SILVER
8	1T2-84512-60-00	SEAT, BASE	1	
9	1T2-84526-60-00	SCREW	2	
10	2H7-84754-00-00	WASHER, SPECIAL	2	
11	1M1-84527-60-00	DAMPER	2	
12	97013-06012-00	BOLT	2	
13	92990-06200-00	WASHER, PLAIN	2	
14	92995-06100-00	WASHER, SPRING	2	
15	95380-06600-00	NUT, HEXAGON	2	
16	90480-12013-00	GROMMET	2	
17	(2F4-84517-00-00)	CORD, TAILLIGHT	2	
18	449-85131-02-00	REFLECTOR, REAR 1	2	
19	92990-05100-00	WASHER, SPRING	2	
20	95380-05600-00	NUT	2	

TAILLIGHT GT80G

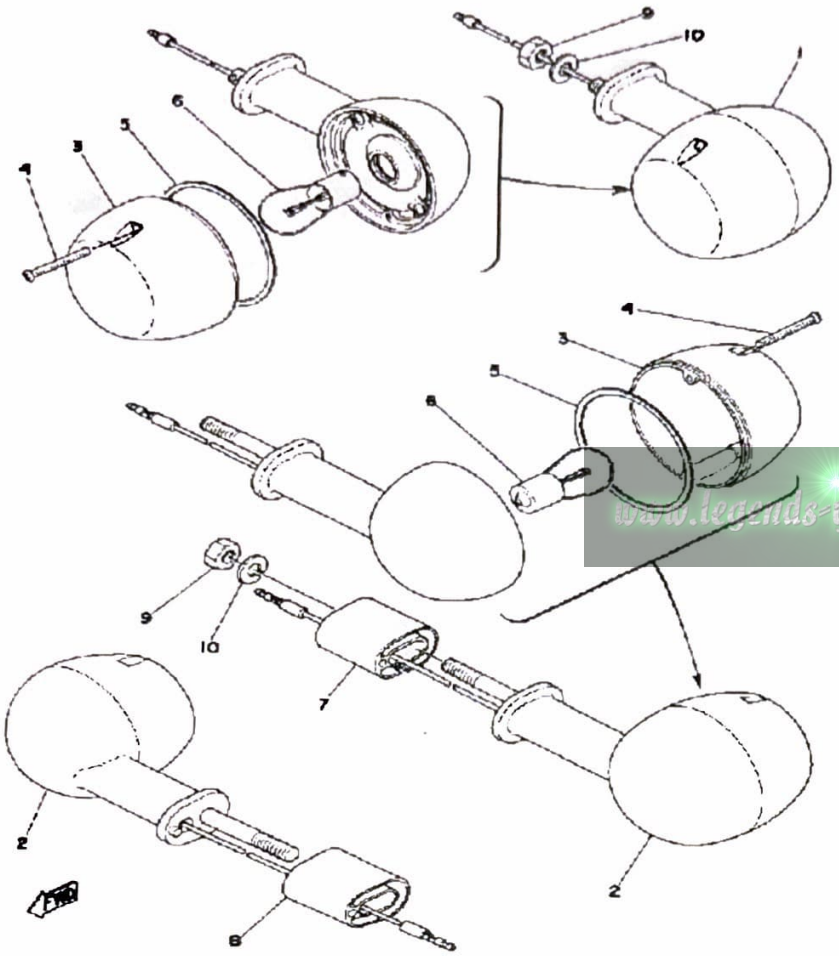
Headlight / Taillight / Signal Rating 6V30-30W / 6V25-5.2W / 8V17W



Ref. No.	Part Number	Description	Qty	Remarks
1	2F4-84510-60-00	TAILLIGHT UNIT ASSEMBLY	1	
2	2F4-84510-60-00	TAILLIGHT UNIT ASSEMBLY	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	(2F4-84551-60-33)	BRACKET, LICENCE	1	SILVER
8	1T2-84512-60-00	SEAT, BASE	1	
9	1T2-84526-60-00	SCREW	2	
10	2H7-84754-00-00	WASHER, SPECIAL	2	
11	1M1-84527-60-00	DAMPER	2	
12	97013-06012-00	BOLT	2	
13	95380-06600-00	NUT, HEXAGON	2	
14	92995-06100-00	WASHER, SPRING	2	
15	92990-06200-00	WASHER, PLAIN	2	
16	90480-12013-00	GROMMET	2	
17	(2F4-84517-00-00)	CORD, TAILLIGHT	1	

URNSIGNAL GT80E - GT80E~009161 - C

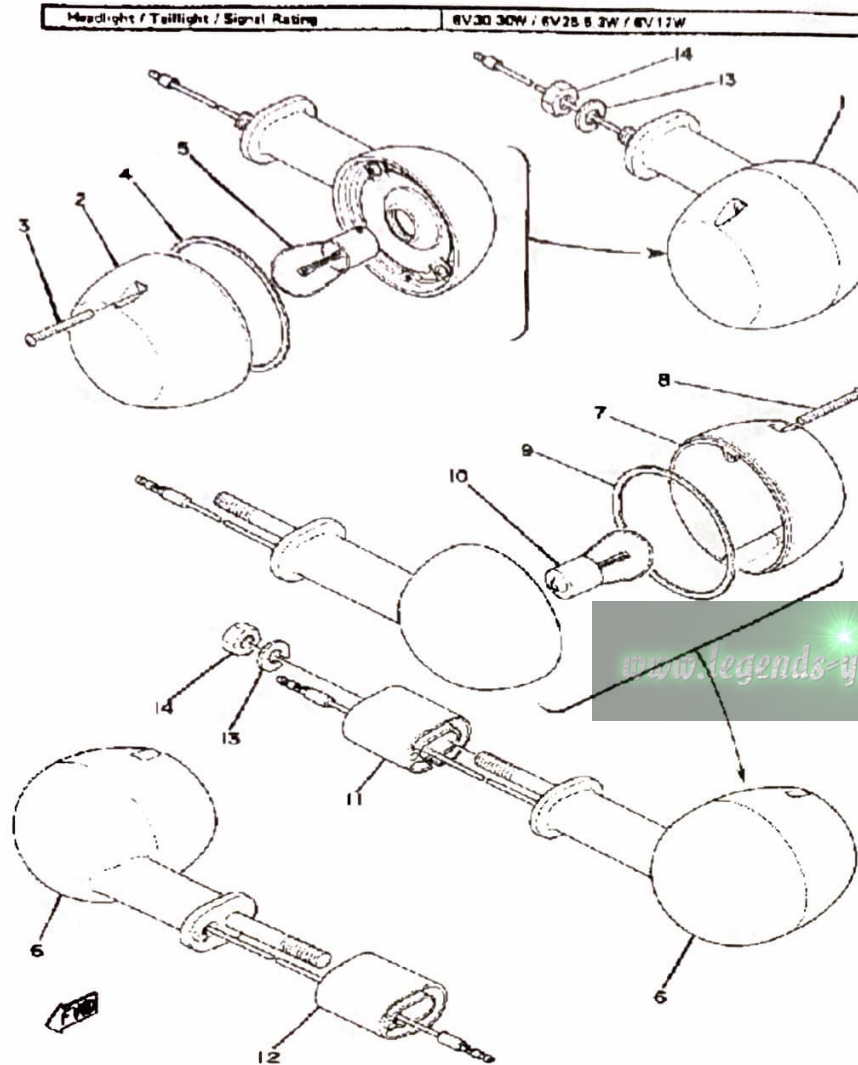
Headlight / Taillight / Signal Rating 6V30-30W / 6V25-5.3W / 6V17W



Ref. No.	Part Number	Description	Qty	Remarks
1	232-83320-62-93	FRT FLSHR LITE ASSEMBLY	2	
2	260-83310-30-93	R FLSHR LITE ASSEMBLY	2	
3	183-83312-70-00	. LENS, FLASHER	4	
4	183-83333-71-00	. SCREW, LENS FITTING	8	
5	183-83313-70-00	. GASKET, FLSHR LENS	4	
6	115-83311-60-00	. BULB, FLASHER	4	
7	260-83316-30-00	COLLAR, FLASHER 1	1	
8	260-83326-30-00	COLLAR, FLASHER 2	1	
9	95333-08600-00	NUT	4	
10	92990-08100-00	WASHER, SPRING	4	

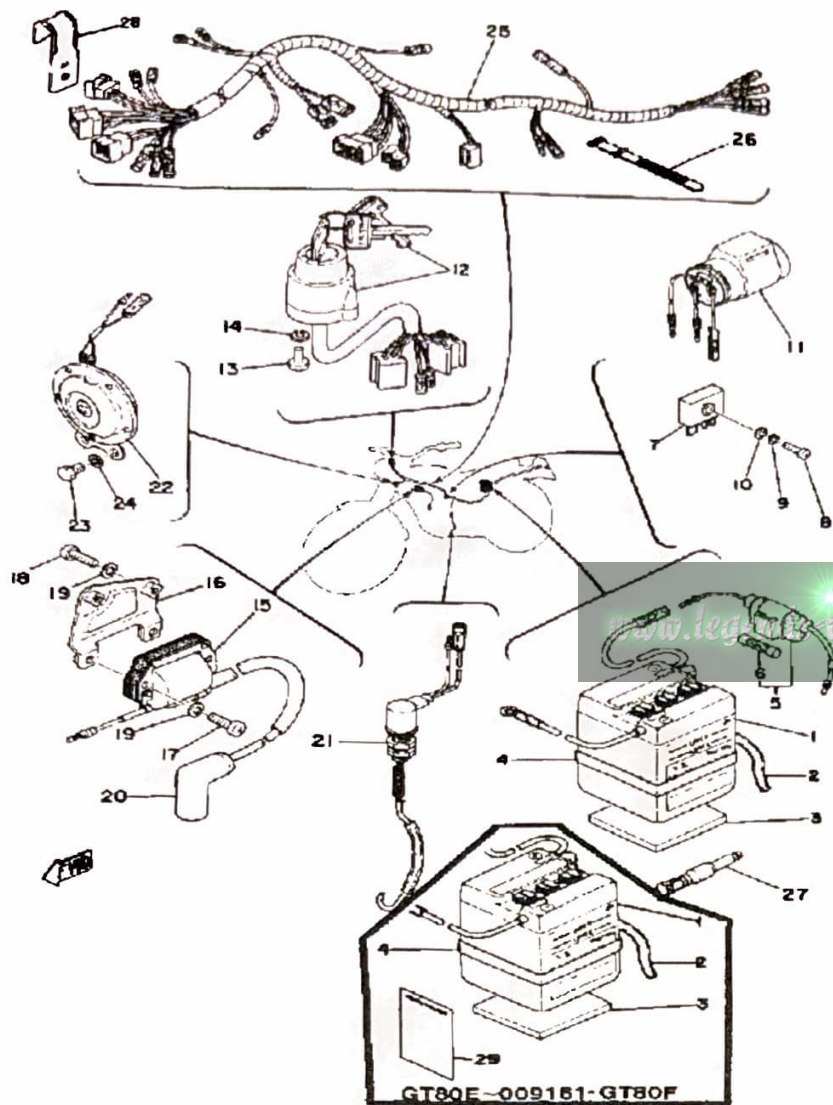
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URNSIGNAL GT80G



Ref. No.	Part Number	Description	Qty	Remarks
1	232-83320-62-93	FRT FLSHR LITE ASSEMBLY	2	CHROME PLATED
2	183-83312-70-00	. LENS, FLASHER	2	
3	183-83333-71-00	. SCREW, LENS FITTING	4	
4	183-83313-70-00	. GASKET, FLSHR LENS	2	
5	115-83311-60-00	. BULB, FLASHER	2	
6	260-83310-30-93	R FLSHR LITE ASSEMBLY	2	CHROME PLATED
7	183-83312-70-00	. LENS, FLASHER	2	
8	183-83333-71-00	. SCREW, LENS FITTING	4	
9	183-83313-70-00	. GASKET, FLSHR LENS	2	
10	115-83311-60-00	. BULB, FLASHER	2	
11	260-83316-30-00	COLLAR, FLASHER 1	1	
12	260-83326-30-00	COLLAR, FLASHER 2	1	
13	92990-08100-00	WASHER, SPRING	4	
14	95333-08600-00	NUT	4	

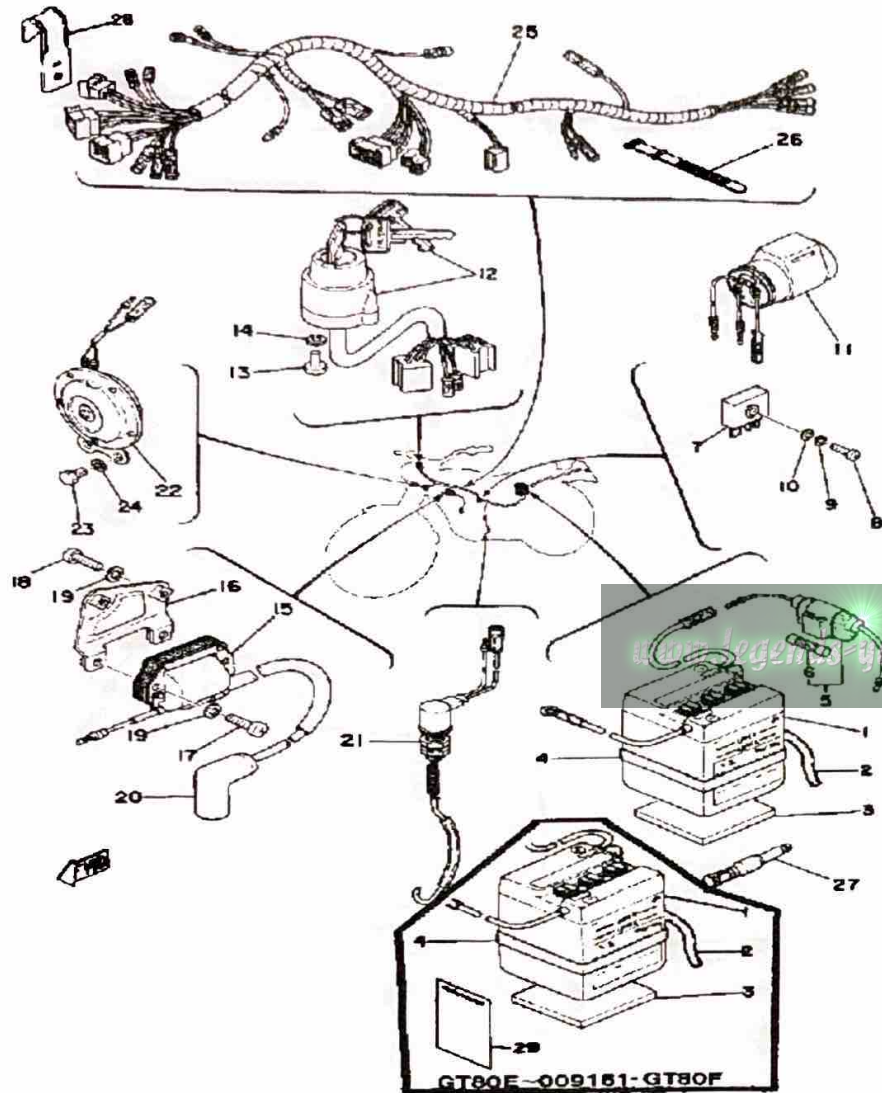
ELECTRICAL GT80E - GT80E~009161 - C



Ref. No.	Part Number	Description	Qty	Remarks
1	BTG-6N42A-20-00	GS 6N4-2A-2 (6N4-2A-2) (308-82110-10)	1	
2	90445-08172-00	HOSE	1	
3	583-24182-00-00	DAMPER, LOCATING 2	1	
4	(308-82124-00-00)	BAND, BATTERY	1	
5	55K-82150-01-00	FUSE HOLDER ASSEMBLY	1	
6	116-82151-00-00	FUSE	2	
7	353-81970-63-00	RECTIFIER ASSEMBLY	1	U.R.
8	98580-05020-00	SCREW, PAN HEAD	1	
9	92990-05100-00	WASHER, SPRING	1	
10	92901-05600-00	WASHER, PLATE	1	
	92990-05200-00	WASHER, PLAIN	1	
11	2F7-83350-60-00	FLASHER RELAY ASSEMBLY	1	
12	2E1-82508-20-00	MAIN SWITCH ASSEMBLY (2E1-82508-50)	1	
13	98580-05012-00	SCREW, PAN HEAD	2	
14	92990-05100-00	WASHER, SPRING	2	
15	2A3-82310-30-00	IGNITION COIL ASSEMBLY	1	
16	375-82316-01-00	BRACKET, IGN COIL	1	
17	98511-06025-00	SCREW PAN HEAD	2	
18	98580-06012-00	SCREW, PAN HEAD	2	
19	92995-06100-00	WASHER, SPRING	4	
20	56J-82370-00-00	PLUG CAP ASSEMBLY	1	
21	353-82530-03-00	STOP SWITCH ASSEMBLY	1	
22	2A7-83371-10-00	HORN	1	
23	97013-06012-00	BOLT	2	
24	92995-06100-00	WASHER, SPRING	2	
25	(2F4-82590-50-00)	WIRE HARNESS ASSEMBLY	1	
26	437-83936-11-00	BAND, SWITCH CORD	2	

CONTINUED ON NEXT FRAME >

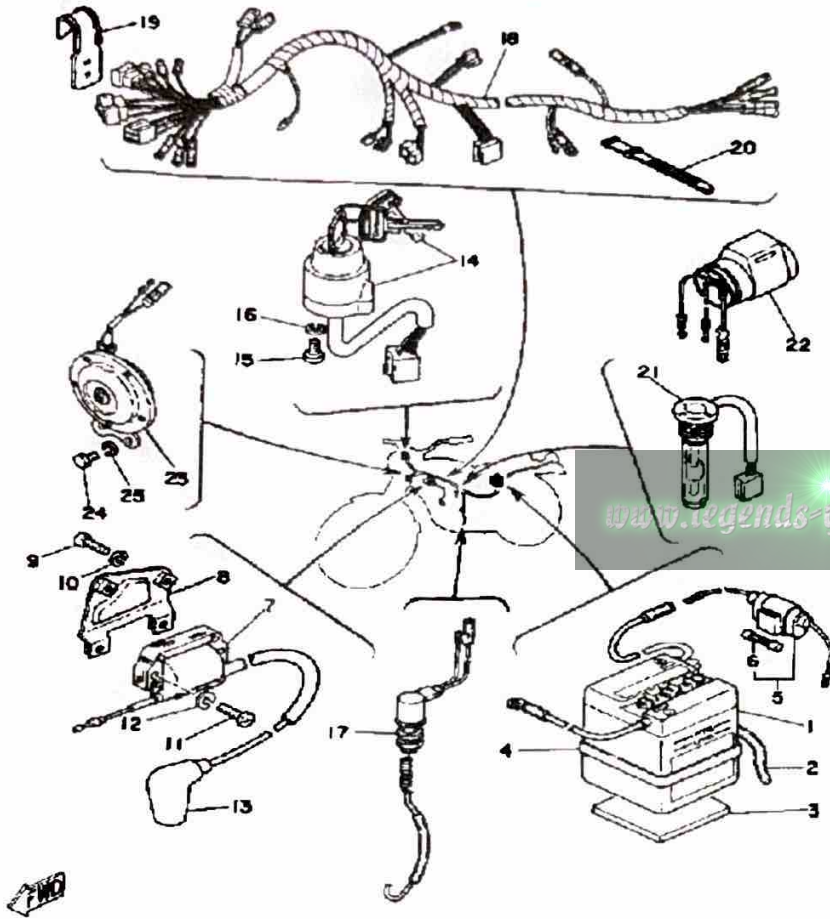
ELECTRICAL GT80E - GT80E~009161 - (



Ref. No.	Part Number	Description	Qty	Remarks
27	517-81980-A0-00	DIODE ASSY	1	
28	(2A3-82594-00-00)	CLAMP	1	
29	118-82141-09-00	LABEL, BATTERY	1	

ELECTRICAL 1 GT80G

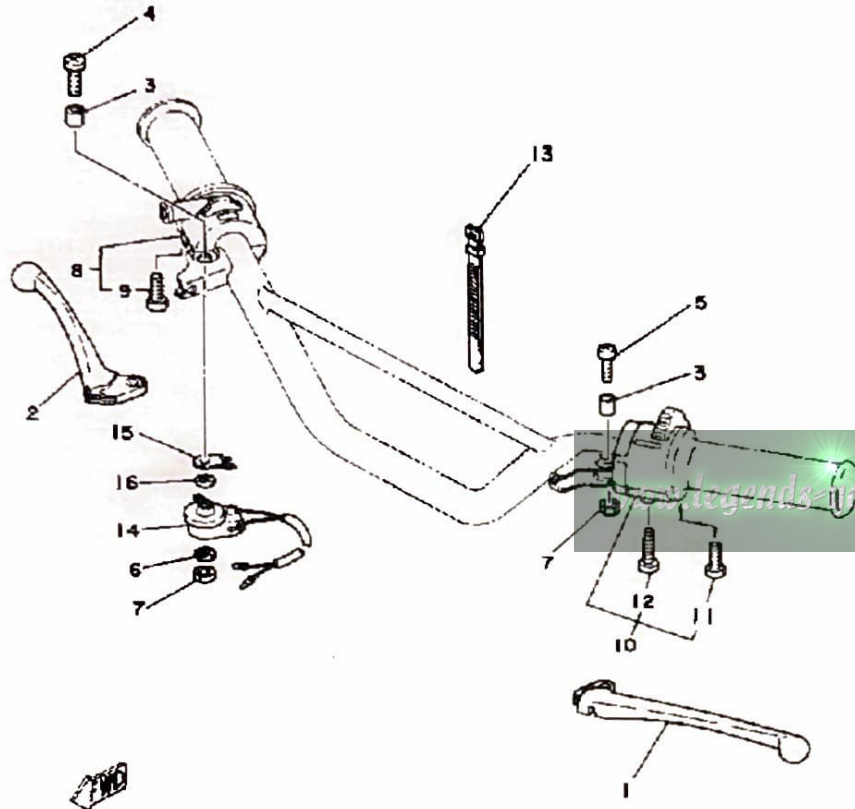
Ignition Timing	21° BTDC @ 2000 rpm (1.8mm BTDC)
Battery Model / Spec. Grav. / Chg. Rate	GS 6N4-2A-2 (6V 4A) / 1.28 / 0.4A
Maximum Output	7.8V 3.5A @ 6000 rpm



Ref. No.	Part Number	Description	Qty	Remarks
1	BTG-6N42A-20-00	GS 6N4-2A-2 (6N4-2A-2) (308-82110-10)	1	
2	90445-08172-00	HOSE	1	
3	583-24182-00-00	DAMPER, LOCATING 2	1	
4	(308-82124-00-00)	BAND, BATTERY	1	
5	55K-82150-01-00	FUSE HOLDER ASSEMBLY	1	
6	116-82151-00-00	FUSE	1	
7	5G4-82310-40-00	IGNITION COIL ASSEMBLY	1	
8	375-82316-01-00	BRACKET, IGN COIL	1	
9	98580-06012-00	SCREW, PAN HEAD	2	
10	92995-06100-00	WASHER, SPRING	2	
11	98511-06025-00	SCREW PAN HEAD	2	
12	92995-06100-00	WASHER, SPRING	2	
13	56J-82370-00-00	PLUG CAP ASSEMBLY	1	
14	1FE-82510-00-00	MAIN SWITCH ASSEMBLY	1	
15	98580-05012-00	SCREW, PAN HEAD	2	
16	92990-05100-00	WASHER, SPRING	2	
17	353-82530-03-00	STOP SWITCH ASSEMBLY	1	
18	(3J8-82590-50-00)	WIRE HARNESS ASSEMBLY	1	
19	(2A3-82594-00-00)	CLAMP	1	
20	437-83936-11-00	BAND, SWITCH CORD	2	
21	2E7-85720-02-00	OIL LVL GAUGE ASSEMBLY	1	
22	2F7-83350-60-00	FLASHER RELAY ASSEMBLY	1	
23	2A7-83371-10-00	HORN	1	
24	97013-06012-00	BOLT	2	
25	92995-06100-00	WASHER, SPRING	2	

ELECTRICAL 2 GT80G

Ignition Timing	21° BTDC @ 2000 rpm (1.8mm BTDC)
Battery: Model / Spec. Grav. / Chg. Rate	GS 6N4-2A-2 (8V 4A) / 1.26 / 0.4A
Maximum Output	7.5V 3.5A @ 8000 rpm



Ref. No.	Part Number	Description	Qty	Remarks
1	137-83912-02-38	LEVER L	1	CLEAR BUFFING
2	2N3-83922-00-00	LEVER R	1	CLEAR BUFFING
3	90387-05383-00	COLLAR	2	
4	90157-05006-00	SCREW, PAN HEAD (803-83915-00)	1	
5	98501-05018-00	SCREW, PAN HEAD	1	
6	92990-05200-00	WASHER, PLAIN	1	
7	95601-05100-00	NUT, U	2	
8	462-83976-01-00	SWITCH, HANDLE 1	1	
9	98580-05020-00	. SCREW, PAN HEAD	2	
10	3J8-83973-00-00	SWITCH, HANDLE 3	1	
11	98580-05020-00	. SCREW, PAN HEAD	1	
12	437-83936-01-00	BAND, SWITCH CORD	2	
	98501-05030-00	. SCREW, PAN HEAD	1	
14	232-83980-30-00	STOP SWITCH ASSEMBLY ...	1	
15	(338-83983-00-00)	BRKT, FRT STOP SWCH	1	
16	90201-05027-00	WASHER, PLATE	1	

GT80E 1978 SERVICE DATA

MOTORCYCLE
M7-034

MODEL - IBM I.D. NUMBER		GT80E - 2F4
Initial Engine Number/Frame Number		2F4-000101 / 2F4-000101
Basic Color(s)		Crystal Silver
ENGINE TYPE		2 stroke, Air-cooled, Reed valve
Bore/Stroke/Number Cylinders/Displacement (cc)		47mm / 42mm / 1 / 72cc
Compression Ratio/Compression Pressure min. ~ max.		7.1:1 / ϕ
Piston Skirt Clearance new/max.		.035 ~ .040mm / 0.1mm
Ring End Gap top/2nd/3rd		0.15 ~ 0.35mm / same / ϕ
Valve Clearance (cold) Intake/Exhaust		ϕ
Oil Pressure hot/rpm		ϕ
Oil Tank or Engine Sump Capacity		0.7 liter Yamalube 2*
AUTOLUBE - Min. stroke/Color code		0.20 ~ 0.25mm / Yellow
Minimum Output @ 200 strokes		0.5cc
Maximum Output @ 200 strokes		4.0cc
CARBURETOR - Mfr./Type/I.D. number		Teikei / Y16P-3 / 2F4-60
Main Jet/Pilot Jet		88/38
Needle Jet/Jet Needle-Clip Position		2.090 / 032.2
Slide Cutaway or Throttle Valve		2.0
Float Level		23.0 \pm 1mm
Mixture Screw - turns out/idle rpm		1 1/2 / 1250 ~ 1400
SUSPENSION		
Front Forks: Oil type/level/qty		10, 20 or 30wt Fork Oil / ϕ / 112cc
Gas Pressure		ϕ
Spring Length std		388mm
Monoshock: Oil type/qty		ϕ
Gas Pressure		ϕ
TRANSMISSION - oil type/qty chg/qty reassemble		SAE20W40 (Yamalube 4) / 500cc / 550cc
Primary drive type		Helical Gear
Secondary type/teeth/chain		Chain / 41-14 / DID420-92L
Clutch Friction Plate Thickness std ~ min.		3.5 ~ 3.2mm
Clutch Spring Length std ~ min.		31.5 ~ 30.5mm
Tires size (nominal pressure)		Front: 2.50-15 (20psi) Rear: 2.75-14 (28psi)
ELECTRICAL - System/Type		AC Magneto / External Flywheel
Maximum Output		8V4A @ 8,000 rpm
Field Coil Color Code/ Ω		ϕ
Charging Coil Color Code/ Ω		Grn ~ Gnd / 0.29 Ω \pm 10%
Source Coil Color Code/ Ω		Blk ~ Gnd / 1.54 Ω \pm 10%
Lighting Coil Color Code/ Ω		Yel ~ Gnd / 0.20 Ω \pm 10%
Pulse Coil or Pickup Coil Color Code/ Ω		ϕ
Ignition Coil test gap/Primary Ω / Secondary Ω		6mm / 1.75 \pm 10% / 8K Ω \pm 20%
Battery-model/spec. grav./chg rate x hour		GS 6N4 2A.2 / 1.260 / 0.4A x 10 hr.
Headlight/Tailight/Signal Rating		6V30-30W / 6V 5.3-25W / 6V17W
Point Gap/Condenser Capacitance		0.3 ~ 0.4mm / 0.25 μ F \pm 10%
Spark Plug Type		NGK B7HS
Spark Plug Gap/Torque/Cap Ω		0.5 ~ 0.6mm / 2.0m kg / 5K Ω \pm 10%
Timing Static		1.8mm \pm 0.15mm BTDC
Dynamic		ϕ

GT80F 1979 SERVICE DATA

MOTORCYCLE
M8-035

MODEL - IBM I.D. NUMBER		GT80F 2F4
Initial Engine Number/Frame Number		2F4 100101 / 2F4 100101
Basic Color(s)		Crystal Silver
Fuel Type/Fuel Tank Capacity/Reserve Capacity		Regular / 4.8 lit. (1.3 gal.) / 0.6 lit. (0.1 gal.)
Dry Vehicle Weight		64 kg (143 lbs.)
ENGINE TYPE		2-Stroke, Air-Cooled, Reed Valve
Bore/Stroke/Number Cylinders/Displacement (cc)		47mm / 42mm / 1 / 73cc
Compression Ratio/Compression Pressure min ~ max		9.5:1 (8.7:1 corrected) / N/A
Piston Skirt Clearance new/max.		0.045 ~ 0.050mm / 0.1mm
Ring End Gap top/2nd/3rd		0.15 ~ 0.35mm / 0.15 ~ 0.35mm / ϕ
Valve Clearance (cold) Intake/Exhaust		ϕ
Oil Pressure hot/rpm		ϕ
Oiling System		Autolube
Capacity: Dry		0.7 lit.
Oil and Filter Change		ϕ
Oil Change		ϕ
Lubricant: Temp above 5°C (40°F)		Yamalube 2* or equivalent
Below 15°C (60°F)		Yamalube 2* or Equivalent
AUTOLUBE - Min. Stroke/Color Code		0.18 ~ 0.27mm / Yellow
Minimum Output @ 200 cycles		0.50cc
Maximum Output @ 200 cycles		4.28cc
CARBURETOR - Mfr./Type/I.D. Number		Teikei / Y16P-3A / 2F4-A0
Main Jet/Pilot Jet		88 / 32
Needle Jet/Jet Needle-Clip Position		2.080 / 032.2
Slide Cutaway or Throttle Valve		2.0
Float Level		23.0mm \pm 2.5mm
Idle RPM		1250 ~ 1400 rpm
CO % @ Idle (Diagnostic Use Only)		6% or less
SUSPENSION		
Front Forks: Oil Type/Level/Qty.		10 wt. Fork Oil* / ϕ / 108 ~ 116cc
Gas Pressure		ϕ
Spring Length Std.		388mm
Monoshock: Oil Type/Qty.		ϕ
Gas Pressure		ϕ
Minimum Brake Lining Thickness		Front: 2.0mm Rear: 2.0mm
Tire Size (Nominal Pressure)		F: 2.50-15 (1.5 kg/cm ² / 21 psi) R: 2.75-14 (2.3 kg/cm ² / 32 psi)
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble		Yamalube 4* or SAE 10W30SE / 550cc / 600cc
Primary Drive Type/Teeth/Ratio		Helical Gear / 68-19 / 3.578
Secondary Drive Type/Teeth/Chain		Chain / 41-14 / DID420-92L
Clutch Friction Plate Thickness Std ~ min.		3.5 ~ 3.2mm
Clutch Spring Length Std ~ min.		31.5 ~ 30.5mm
Middle Gear Case Capacity		ϕ
Final Gear Case Capacity		ϕ
Gear Case Lubricant: Temp above 5°C (40°F)		ϕ
Temp below 15°C (60°F)		ϕ
All Weather Conditions		ϕ

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GT80G
1980 SERVICE DATA

CHARGING SYSTEM	Flywheel Magneto / Single Phase / Half Wave	
Battery: Model / Spec. Grav. / Chg. Rate	GS 6N4-2A-2 (6V-4A) / 1.26 / 0.4A	
Maximum Output	8V1.2A @ 8000 rpm	
TROUBLESHOOTING		
Field Coil Color Code / Ω	ϕ	
Charge Coil Color Code / Ω	Grn ~ Gnd / 0.27 $\Omega \pm 10\%$ Grn-Red ~ Gnd / 0.27 $\Omega \pm 10\%$	
IGNITION SYSTEM	Flywheel Magneto - External Rotor	
Ignition Timing	21° BTDC @ Idle (1.8mm BTDC)	
Spark Plug Type	NGK B7HS	
Spark Plug Gap / Torque / Cap Ω	0.5 ~ 0.7mm / 2.5 m·kg / 5K $\Omega \pm 10\%$	
Point Gap / Condenser Capacitance	0.3 ~ 0.4mm / 0.25 $\mu F \pm 10\%$	
TROUBLESHOOTING		
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 1.7 $\Omega \pm 10\%$ / 6.0K $\Omega \pm 20\%$	
Pulse Coil or Pick-up Coil Color Code / Ω	ϕ	
Source Coil Color Code / Ω	Blk ~ Gnd / 1.54 $\Omega \pm 10\%$	
LIGHTING SYSTEM		
Headlight / Taillight / Signal Rating	6V30-30W / 6V25 5.3W / 6V17W	
TROUBLESHOOTING		
Lighting Coil Color Code / Ω	Yel ~ Gnd / 0.15 $\pm 10\%$	
TORQUE VALUES		
Front Axle Nut	10 x 1.25: 4.0 m·kg	
Front Axle Holder Nut	ϕ	
Rear Axle Nut	12 x 1.25: 6.0 m·kg	
Rear Axle Pinch Bolt	ϕ	
Clutch Nut	12 x 1.0: 4.5 m·kg	
Drain Plug	12 x 1.5: 2.0 m·kg	
Cylinder Head Cover	ϕ	
Cylinder Head:	6 x 1.0: 1.0 m·kg	
Engine Mounting Bolts:	Front, Upper	8 x 1.25: 2.5 m·kg
	Rear, Upper	8 x 1.25: 2.5 m·kg
	Rear, Lower	8 x 1.25: 2.5 m·kg

ϕ Does Not Apply to This Model

* Available From Yamaha Parts Distributors, Inc.

MODEL - IBM I.D. NUMBER	GT80G	3JB
Initial Engine Number/Frame Number	3JB-000101 / 3JB-000101	
Basic Color(s)	Maxim Red	
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 4.8 lit. (1.3 gal.) / 0.5 lit. (0.1 gal.)	
Dry Vehicle Weight	64 kg (141 lbs.)	
ENGINE TYPE	2-Stroke, Air-Cooled, Reed Valve	
Bore/Stroke/Number Cylinders/Displacement (cc)	47mm / 42mm / 1 / 72cc	
Compression Ratio/Compression Pressure min ~ max	9.5:1 (5.9:1 Corrected) / N/A	
Piston Skirt Clearance new/max.	0.035 ~ 0.040mm / 0.1mm	
Ring End Gap top/2nd/3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / ϕ	
Valve Clearance (cold) Intake/Exhaust	ϕ	
Oil Pressure hot/rpm	ϕ	
Oiling System	Autolube	
Capacity: Dry	0.7 lit. (0.74 qt.)	
Oil and Filter Change	ϕ	
Oil Change	ϕ	
Lubricant: Temp above 5°C (40°F)	Yamalube 2" or equivalent	
Below 15°C (60°F)	Yamalube 2" or Equivalent	
AUTOLUBE - Min. Stroke/Color Code	0.20 ~ 0.25mm / Yellow	
Minimum Output @ 200 cycles	0.50cc	
Maximum Output @ 200 cycles	4.28cc	
CARBURETOR - Mfr./Type/I.D. Number	Teikei / Y18P-3A / 3JB-6D	
Main Jet/Pilot Jet	85 / 32	
Needle Jet/Jet Needle-Clip Position	2.095 / 3N21 - Fixed	
Slide Cutaway or Throttle Valve	2.0	
Float Level	22.0mm \pm 0.5mm	
Idle RPM	1250 ~ 1400 rpm	
CO % @ Idle (Diagnostic Use Only)	N/A	
SUSPENSION		
Front Forks: Oil Type/Level/Qty.	10 Wt. Fork Oil* / ϕ / 112 \pm 4cc	
Gas Pressure	ϕ	
Spring Length Std.	388mm	
Monoshock: Oil Type/Qty.	ϕ	
Gas Pressure	ϕ	
Minimum Brake Lining Thickness	Front: 2.0mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F: 2.50-15 (1.5 kg/cm ² / 21 psi) R: 2.75-14 (2.3 kg/cm ² / 32 psi)	
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	Yamalube 4" or SAE 10W30SE / 650cc / 600cc	
Primary Drive Type/Teeth/Ratio	Helical Gear / 68-19 / 3.578	
Secondary Drive Type/Teeth/Chain	Chain / 41-14 / DK420-92L	
Clutch Friction Plate Thickness Std ~ min.	3.5 ~ 3.2mm	
Clutch Spring Length Std ~ min.	31.5 ~ 30.5mm	
Middle Gear Case Capacity	ϕ	
Final Gear Case Capacity	ϕ	
Gear Case Lubricant: Temp above 5°C (40°F)	ϕ	
Temp below 15°C (60°F)	ϕ	
All Weather Conditions	ϕ	

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CHARGING SYSTEM		Flywheel Magneto / Single Phase / Half Wave
Battery: Model / Spec. Grav. / Chg. Rate		GS 6N4 2A-2 (6V-4A) / 1.26 / 0.4A
Maximum Output		7.5V 3.5A @ 8000 rpm
TROUBLESHOOTING		
Field Coil Color Code / Ω		ϕ
Charge Coil Color Code / Ω		Grn-Red ~ Gnd / 0.32 $\Omega \pm 10\%$
IGNITION SYSTEM		Capacitor Discharge Ignition
Ignition Timing		21° BTDC @ 2000 rpm (1.8mm BTDC)
Spark Plug Type		NGK B7HS
Spark Plug Gap / Torque / Cap Ω		0.5 ~ 0.7mm / 2.5 m·kg / 5K $\Omega \pm 10\%$
Point Gap / Condenser Capacitance		ϕ / ϕ
TROUBLESHOOTING		
Ignition Coil Test Gap / Primary Ω / Secondary Ω		6mm / 1.0 $\Omega \pm 10\%$ / 5.9K $\Omega \pm 20\%$
Pulse Coil or Pick-up Coil Color Code / Ω		Wht-Red ~ Gnd / 10 $\Omega \pm 10\%$
Source Coil Color Code / Ω		Brn ~ Gnd / 300 $\Omega \pm 10\%$
LIGHTING SYSTEM		
Headlight / Taillight / Signal Rating		6V30-30W / 6V25 5.3W / 6V17W
TROUBLESHOOTING		
Lighting Coil Color Code / Ω		Yel ~ Gnd / 0.22 $\Omega \pm 10\%$
TORQUE VALUES		
Front Axle Nut		10 x 1.25: 4.0 m·kg
Front Axle Holder Nut		ϕ
Rear Axle Nut		12 x 1.25: 6.0 m·kg
Rear Axle Pinch Bolt		ϕ
Clutch Nut		12 x 1.0: 4.5 m·kg
Drain Plug		12 x 1.5: 2.0 m·kg
Cylinder Head Cover		ϕ
Cylinder Head:		6 x 1.0: 1.0 m·kg
Engine Mounting Bolts:		
	Front, Upper	8 x 1.25: 2.5 m·kg
	Rear, Upper	8 x 1.25: 2.5 m·kg
	Rear, Lower	8 x 1.25: 2.5 m·kg

ϕ Does Not Apply to This Model

* Available From Yamaha Parts Distributors, Inc.

CHARGING SYSTEM		Flywheel Magneto / Single Phase / Half Wave
Battery: Model / Spec. Grav. / Chg. Rate		GS 6N4 2A-2 (6V-4A) / 1.26 / 0.4A
Maximum Output		7.5V 3.5A @ 8000 rpm
TROUBLESHOOTING		
Field Coil Color Code / Ω		ϕ
Charge Coil Color Code / Ω		Grn-Red ~ Gnd / 0.32 $\Omega \pm 10\%$
IGNITION SYSTEM		Capacitor Discharge Ignition
Ignition Timing		21° BTDC @ 2000 rpm (1.8mm BTDC)
Spark Plug Type		NGK B7HS
Spark Plug Gap / Torque / Cap Ω		0.5 ~ 0.7mm / 2.5 m·kg / 5K $\Omega \pm 10\%$
Point Gap / Condenser Capacitance		ϕ / ϕ
TROUBLESHOOTING		
Ignition Coil Test Gap / Primary Ω / Secondary Ω		6mm / 1.0 $\Omega \pm 10\%$ / 5.9K $\Omega \pm 20\%$
Pulse Coil or Pick-up Coil Color Code / Ω		Wht-Red ~ Gnd / 10 $\Omega \pm 10\%$
Source Coil Color Code / Ω		Brn ~ Gnd / 300 $\Omega \pm 10\%$
LIGHTING SYSTEM		
Headlight / Taillight / Signal Rating		6V30-30W / 6V25 5.3W / 6V17W
TROUBLESHOOTING		
Lighting Coil Color Code / Ω		Yel ~ Gnd / 0.22 $\Omega \pm 10\%$
TORQUE VALUES		
Front Axle Nut		10 x 1.25: 4.0 m·kg
Front Axle Holder Nut		ϕ
Rear Axle Nut		12 x 1.25: 6.0 m·kg
Rear Axle Pinch Bolt		ϕ
Clutch Nut		12 x 1.0: 4.5 m·kg
Drain Plug		12 x 1.5: 2.0 m·kg
Cylinder Head Cover		ϕ
Cylinder Head:		6 x 1.0: 1.0 m·kg
Engine Mounting Bolts:		
	Front, Upper	8 x 1.25: 2.5 m·kg
	Rear, Upper	8 x 1.25: 2.5 m·kg
	Rear, 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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