

YAMAHA

PARTS CATALOGUE MODEL YEAR 1981 XJ550H

Initial Serial No. and Color Code

(A) Frame Serial No.	5K5-000101 and following
(B) Engine Serial No.	5K5-000101 and following

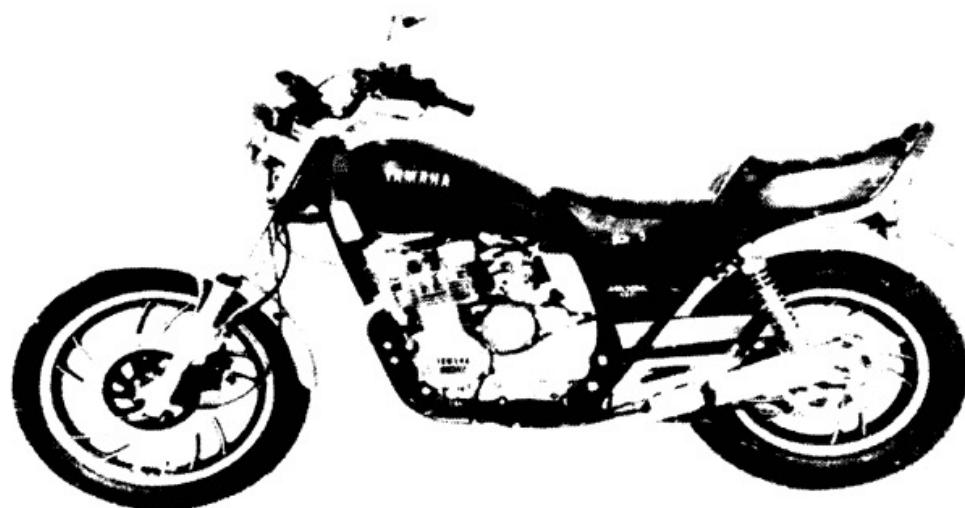
PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-28	
SERVICE MANUAL	LIT-11616-XJ-50	COMBINED WITH XJ550H
ASSEMBLY MANUAL	LIT-11666-02-28	
CONSUMER MANUAL	LIT-11656-02-28	
LEAFLET	LIT-11119-02-12	

MODEL YEAR 1982 XJ550J

Initial Serial No. and Color Code

A Frame Serial No.	5K5-0020101 and following
B Engine Serial No.	5K5-0020101 and following

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-89	
SERVICE MANUAL	LIT-11616-XJ-50	
ASSEMBLY MANUAL	LIT-11666-02-28	
CONSUMER MANUAL	LIT-11656-02-89	
LEAFLET	LIT-11119-02-47	



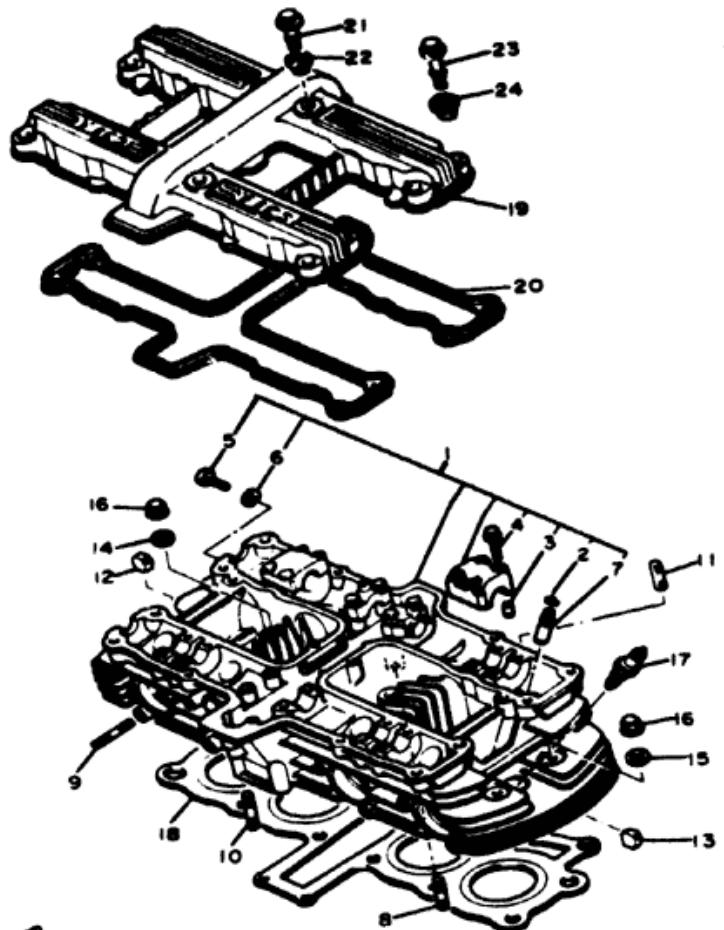
MODEL YEAR 1983 XJ550K

Initial Serial No. and Color Code

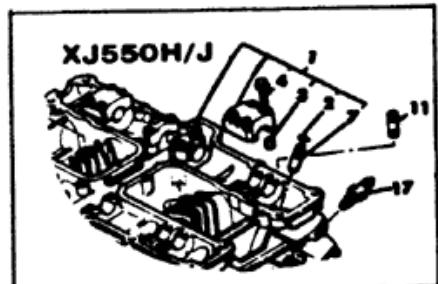
A Frame Serial No.	5K5-100101 and following
B Engine Serial No.	5K5-100101 and following

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-03-44	
SERVICE MANUAL	LIT-11616-XJ-50	SAME AS XJ550H/XJ550J
ASSEMBLY MANUAL	LIT-11666-03-44	SUPPLEMENT TO B.A.M. (03-85)
CONSUMER MANUAL	LIT-11656-03-44	
LEAFLET	LIT-11119-02-80	

CYLINDER HEAD XJ550H/J/K



4V830J-2010



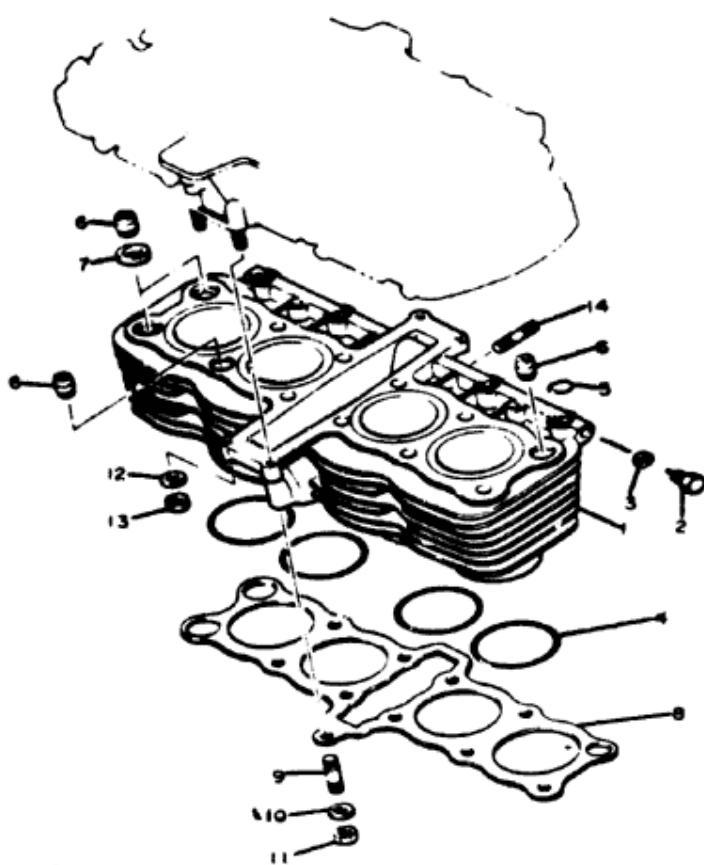
XJ550J

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4U8-11101-00-00	CYLINDER HEAD ASS'Y	1	1	1	
2	93440-10085-00	. CIRCLIP.....	8	8	8	
3	91810-18016-00	. PIN, dowel	12	12	12	
4	90105-06153-00	. BOLT, washer based	24	24	24	
5	90153-U6029-00	. SCREW, hexagon	(550K)	1		
6	90430-06014-00	. GASKET.....	(550K)	1		
7	4G0-11133-10-00	. GUIDE, intake valve (1st O/S)	8	8	8	
8	95621-06618-00	BOLT, stud	2	2	2	
9	95611-06630-00	BOLT, stud	8	8	8	
10	95611-06625-00	BOLT, stud	2	2	2	
11	95621-08330-00	BOLT, stud	2	2	2	
12	434-11161-00-00	ABSORBER 1.....	8	8	8	
13	4H7-11161-00-00	ABSORBER 1.....	14	14	14	
14	90201-08366-00	WASHER, plate	10	10	10	
* 4U8-W0001-00-XX TOP END GASKET KIT.....			See Grid H1 for Component Parts			
15	90201-08609-00	WASHER, plate	2	2	2	
16	90176-08026-00	NUT, crown	12	12	12	
*17	NGK-D8EA0-00-00	PLUG, spark (94701-00157)	4	4	4	U.R.
	94701-00181-00	PLUG, spark (ND X24ES-U).....	4	4		U.R. (550J/K)
18	4U8-11181-00-00	GASKET, cylinder head 1	1	1	1	
19	4U8-11191-00-00	COVER, cylinder head 1	1			(550H)
	4V8-11191-00-00	COVER, cylinder 1.....	1	1		(550J/K)
20	4G0-11193-00-00	GASKET, head cover 1	1	1	1	
21	90109-06598-00	BOLT	(550H)	4		
	90109-06604-00	BOLT	(550J/K)	4	4	
22	4G0-1111G-00-00	RUBBER, mount 1.....	4	4	4	
23	90109-06597-00	BOLT	(550H)	8		
	90109-06605-00	BOLT	(550J/K)	8		
24	4U8-1112G-00-00	RUBBER, mount 2.....	8	8	8	

*Indicates new part numbers activated from March, 1982.

Cylinder Head Cover	6 x 1.0: 1.0 m-kg	Spark Plug Type	NGK D8EA or Nippon Denso X24ES-U
Cylinder Head:	8 x 1.25: 2.2 m-kg	Spark Plug Gap / Torque : Cap Ω	0.6 ~ 0.7mm / 2.0 m-kg / 10Ω
	6 x 1.0: 1.0 m-kg		

CYLINDER XJ550H/J/K



4U8110 1020

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4U8-11310-00-00	CYLINDER	(550H)	1		
	4V8-11310-00-00	CYLINDER	(550J/K)	1	1	
2	90340-12062-00	PLUG, straight screw	2			(550H)
	90340-12065-00	PLUG, straight screw		2	2	(550J/K)
3	90201-12790-00	WASHER, plate		2	2	2
4	93210-62323-00	O-RING.....		4	4	4
5	93210-09443-00	O-RING.....		4	4	4
6	91830-24016-00	PIN, dowel.....		4	4	4
7	90430-14131-00	GASKET		2	2	2
8	4U8-11351-00-00	GASKET, cylinder		1	1	1
9	95621-08330-00	BOLT, stud		1	1	1
10	90201-08382-00	WASHER, plate		3	3	3
11	95311-08600-00	NUT.....		3	3	3
12	92901-06600-00	WASHER, plate		4	4	4
13	95311-06600-00	NUT.....		4	4	4
14	90116-06351-00	BOLT, stud		1	1	1

XJ550H

Initial Engine Number / Frame Number	5K5-000101 / 5K5-000101
Bore/Stroke/Number Cylinders/Displacement	57.0mm / 51.8mm / 4 / 528cc
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm ² (100 ~ 136 psi)

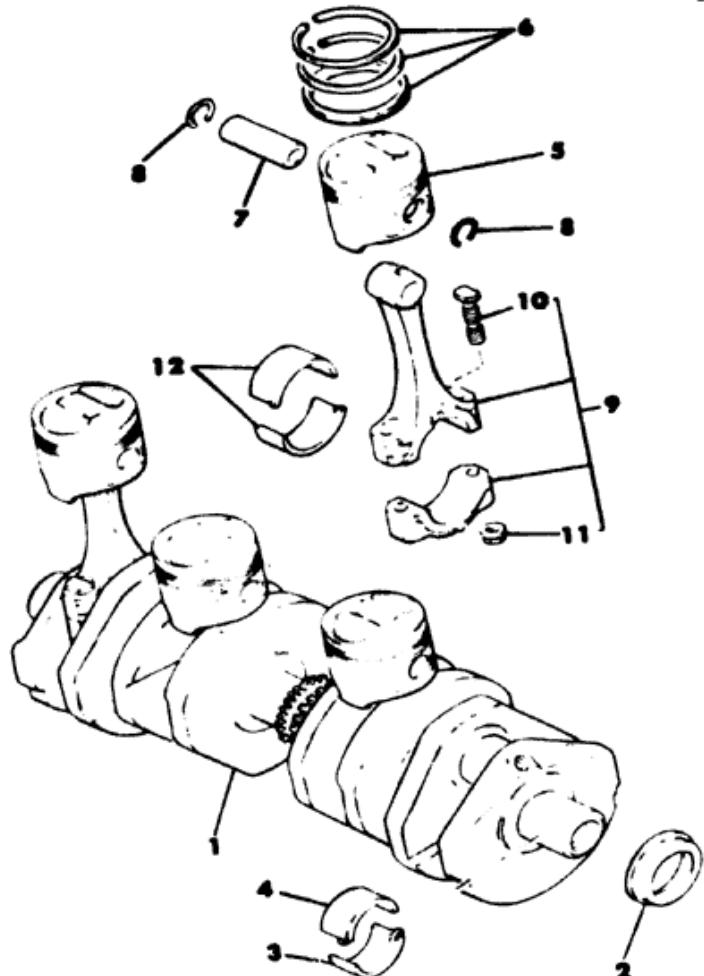
XJ550J

Initial Engine Number / Frame Number	5K5-020101 / 5K5-020101
Bore/Stroke/Number Cylinders/Displacement	57.0mm / 51.8mm / 4 / 528cc
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm ²

XJ550K

Initial Engine Number / Frame Number	5K5-100101 / JYAS5K500 / JDA100101
Bore/Stroke/Number Cylinders/Displacement	57mm / 51.8mm / 4 / 528cc
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm ²

CRANKSHAFT - PISTON XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4U8-11411-00-00	CRANKSHAFT.....	1	1	1	
2	93101-32088-00	OIL SEAL.....(550H/J)	1	1		
	4H7-15389-10-00	SEAL, push rod.....(550K)			1	
3	4G0-11416-00-00	PLANE BEARING, crankshaft 1	5	5	5	U.R. Blue
	4G0-11416-10-00	PLANE BEARING, crankshaft 1	5	5	5	U.R. Black
	4G0-11416-20-00	PLANE BEARING, crankshaft 1	5	5	5	U.R. Brown
	4G0-11416-30-00	PLANE BEARING, crankshaft 1	5	5	5	U.R. Green
	4G0-11416-40-00	PLANE BEARING, crankshaft 1	5	5	5	U.R. Yellow
4	4U8-11418-00-00	PLANE BEARING, crankshaft 3	5	5	5	U.R. Blue
	4U8-11418-10-00	PLANE BEARING, crankshaft 3	5	5	5	U.R. Black
	4U8-11418-20-00	PLANE BEARING, crankshaft 3	5	5	5	U.R. Brown
	4U8-11418-30-00	PLANE BEARING, crankshaft 3	5	5	5	U.R. Green
	4U8-11418-40-00	PLANE BEARING, crankshaft 3	5	5	5	U.R. Yellow
5	4U8-11631-00-00	PISTON (STD)	4	4	4	Alt. Part
	4U8-11635-00-00	PISTON (1st O/S 0.25MM)	4	4	4	Alt. Part
	4U8-11636-00-00	PISTON (2nd O/S 0.50MM).....	4	4	4	Alt. Part
	4U8-11637-00-00	PISTON (3rd O/S 0.75MM)	4	4	4	Alt. Part
	4U8-11638-00-00	PISTON (4th O/S 1.00MM)	4	4	4	Alt. Part

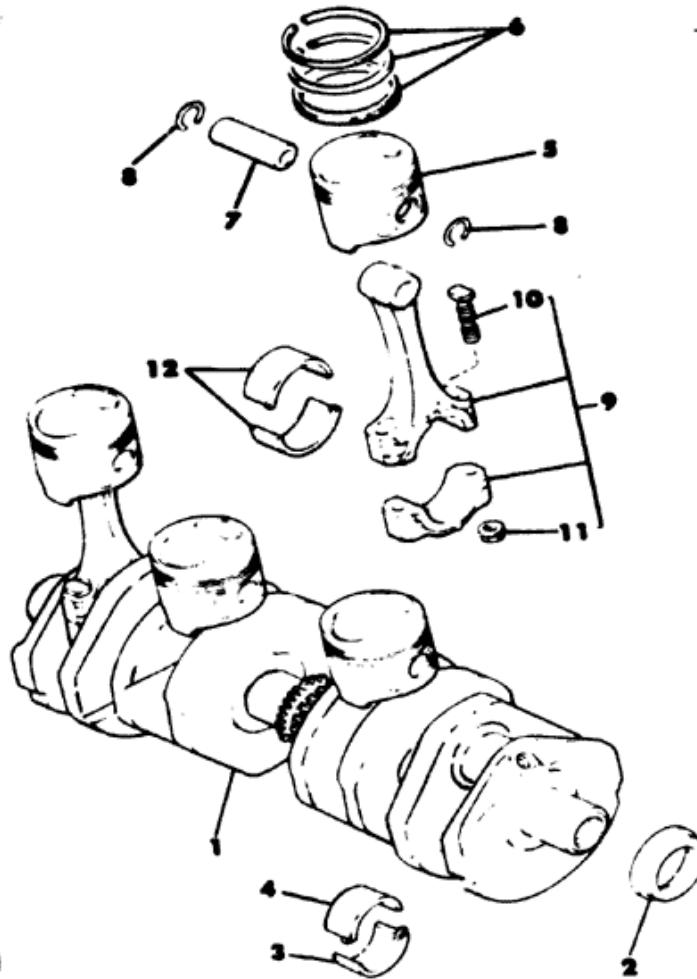
XJ550H

Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

XJ550J/K

Piston Skirt Clearance New / Max	0.025 ~ 0.045mm 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm 0.15 ~ 0.35mm 0.3 ~ 0.9mm

CRANKSHAFT - PISTON XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
6	4U8-11610-00-00	PISTON RING SET (STD).....	4	4	4	
	4U8-11610-10-00	PISTON RING SET (1st O/S)	4	4	4	Alt. Part
	4U8-11610-20-00	PISTON RING SET (2nd O/S)	4	4	4	Alt. Part
	4U8-11610-30-00	PISTON RING SET (3rd O/S)	4	4	4	Alt. Part
	4U8-11610-40-00	PISTON RING SET (4th O/S)	4	4	4	Alt. Part
7	4U8-11633-00-00	PIN, piston.....	4	4	4	
8	93450-16068-00	CIRCLIP	8	8	8	
9	4U8-Y1165-00-00	CONNECTING ROD ASS'Y	4	4	4	
10	4H7-11654-00-00	BOLT, connecting rod	2	2	2	
11	90179-07307-00	NUT	2	2	2	
12	4U8-11656-00-00	PLANE BEARING, connecting rod.....	8	8	8	U.R. Blue
	4U8-11656-10-00	PLANE BEARING, connecting rod.....	8	8	8	U.R. Black
	4U8-11656-20-00	PLANE BEARING, connecting rod.....	8	8	8	U.R. Brown
	4U8-11656-30-00	PLANE BEARING, connecting rod.....	8	8	8	U.R. Green

XJ550H

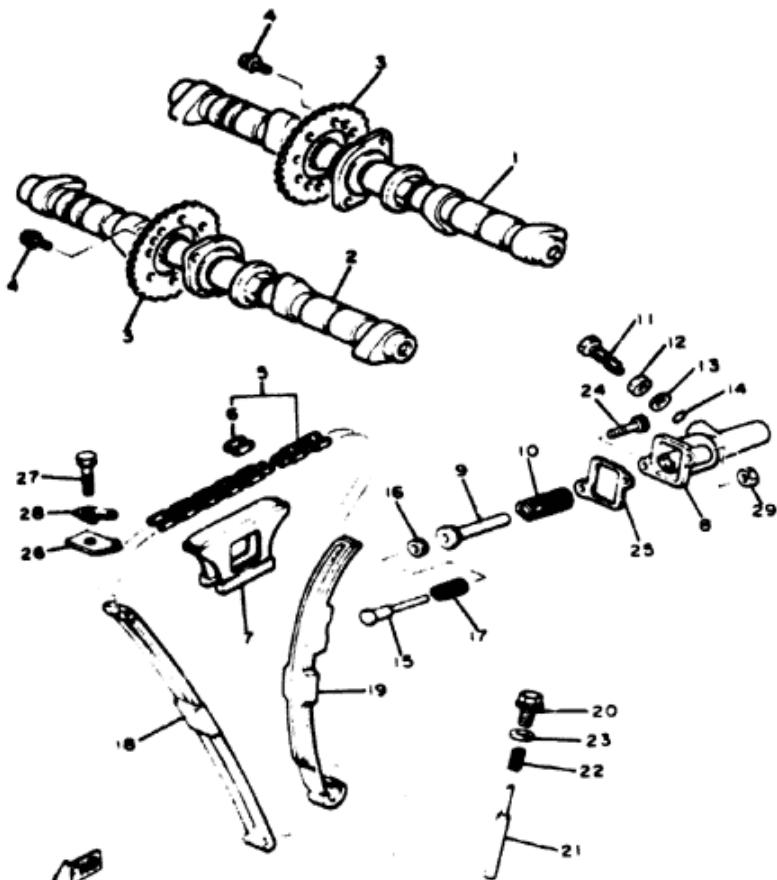
Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

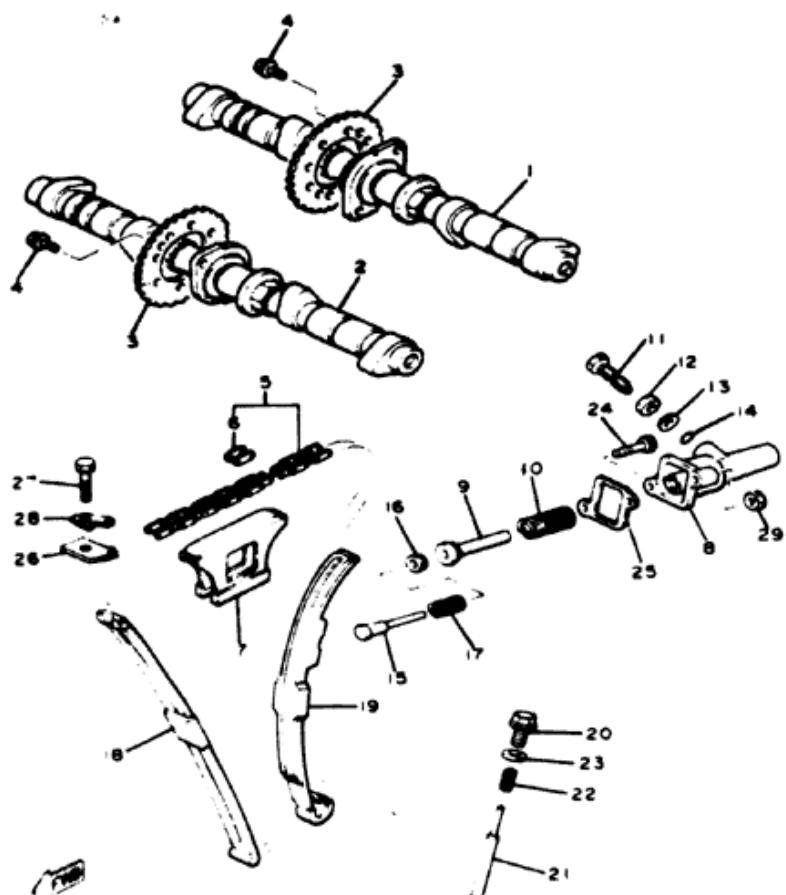
XJ550J/K

Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm

CAMSHAFT CHAIN XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
20	90340-10061-00	PLUG, straight screw	1	1	1	
21	90249-04142-00	PIN	1	1	1	
22	90501-15603-00	SPRING, compression	1	1	1	
23	90201-10118-00	WASHER, plate	1	1	1	
24	91311-06025-00	BOLT	1	1	1	
25	4G0-12213-00-00	GASKET, tensioner case	1	1	1	
26	90209-06201-00	WASHER	1	1	1	
27	97301-06035-00	BOLT	1	1	1	
28	90215-06177-00	WASHER, lock	1	1	1	
29	90179-06333-00	NUT	1	1	1	

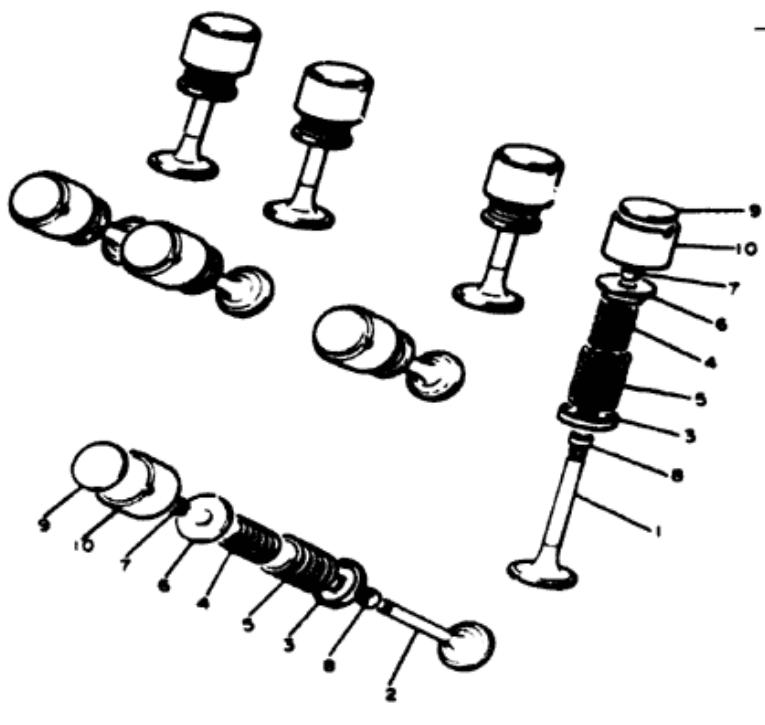




CAMSHAFT CHAIN XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4V9-12171-00-00	CAMSHAFT 1	1	1	1	
2	4V9-12181-00-00	CAMSHAFT 2	1	1	1	
3	4G0-12176-00-00	SPROCKET, cam chain; 32T)	2	2	2	
4	90105-07087-00	BOLT, washer base	4	4	4	
5	94500-02114-00	CHAIN (BF05M-114L)	1	1	1	
6	94800-02001-00	. JOINT, chain	1	1	1	Tsubakimoto
7	4H7-12241-00-00	GUIDE, stopper 2	1	1	1	
8	4G0-12212-01-00	CASE, chain tensioner	1			(550H)
	4V8-12212-00-00	CASE, chain tensioner	1	1		(550J/K)
9	4G0-12217-01-00	ROD, chain tensioner	1	1	1	
10	90501-16616-00	SPRING, compression	1	1	1	
11	90109-08442-00	BOLT	1	1	1	
12	95301-08700-00	NUT	1	1	1	
13	92901-06600-00	WASHER, plate	1	1	1	
14	93210-06001-00	O-RING	1	1	1	
15	4G0-12227-00-00	ROD, chain tensioner 2	1	1	1	
16	4G0-12232-00-00	DAMPER	1	1	1	
17	90501-13615-00	SPRING, compression	1	1	1	
18	4G0-12251-00-00	DAMPER, chain 1	1	1	1	
19	4G0-12252-01-00	DAMPER, chain 2	1	1	1	

VALVE XJ550H/J/K



400010.0050

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4UB-12111-00-00	VALVE, intake	4	4	4	
2	4UB-12121-00-00	VALVE, exhaust.....	4	4	4	
3	4G0-12116-01-00	SEAT, valve spring.....	8	8	8	
4	4G0-12113-00-00	SPRING, valve inner.....	8	8	8	
5	4G0-12114-00-00	SPRING, valve outer.....	8	8	8	
6	4G0-12117-00-00	RETAINER, valve spring.....	8	8	8	
7	4G0-12118-00-00	COTTER, valve.....	16	16	16	
8	4G0-12119-00-00	SEAL, valve stem.....	8	8	8	
9	1J7-12169-01-00	PAD, adjusting (2.00)	8	8	8	U.R.
	1J7-12169-11-00	PAD, adjusting (2.05)	8	8	8	U.R.
	1J7-12169-21-00	PAD, adjusting (2.10)	8	8	8	U.R.
	1J7-12169-31-00	PAD, adjusting (2.15)	8	8	8	U.R.
	1J7-12169-41-00	PAD, adjusting (2.20)	8	8	8	U.R.
	1J7-12169-51-00	PAD, adjusting (2.25)	8	8	8	U.R.
	1J7-12169-61-00	PAD, adjusting (2.30)	8	8	8	U.R.
	1J7-12169-71-00	PAD, adjusting (2.35)	8	8	8	U.R.
	1J7-12169-81-00	PAD, adjusting (2.40)	8	8	8	U.R.
	1J7-12169-91-00	PAD, adjusting (2.45)	8	8	8	U.R.
	1J7-12169-A1-C0	PAD, adjusting (2.50)	8	8	8	U.R.
	1J7-12169-E1-00	PAD, adjusting (2.55)	8	8	8	U.R.
	1J7-12169-F1-00	PAD, adjusting (2.60)	8	8	8	U.R.

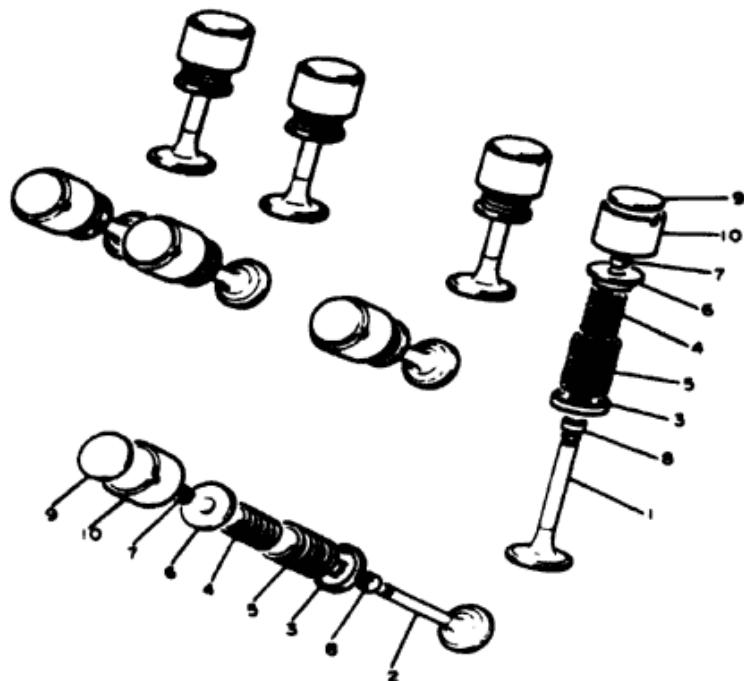
XJ550H

Valve Clearance (Cold) Intake Exhaust	0.11 ~ 0.15mm (0.04 ~ 0.06 in) 0.16 ~ 0.20mm (0.06 ~ 0.08 in)
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XJ550J/K

Valve Clearance (Cold) Intake Exhaust	0.11 ~ 0.15mm 0.16 ~ 0.20mm
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VALVE XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
	1J7-12169-G1-00	PAD, adjusting (2.65)	8	8	8	U.R.
	1J7-12169-H1-00	PAD, adjusting (2.70)	8	8	8	U.R.
	1J7-12169-J1-00	PAD, adjusting (2.75)	8	8	8	U.R.
	1J7-12169-K1-00	PAD, adjusting (2.80)	8	8	8	U.R.
	1J7-12169-L1-00	PAD, adjusting (2.85)	8	8	8	U.R.
	1J7-12169-M1-00	PAD, adjusting (2.90)	8	8	8	U.R.
	1J7-12169-N1-00	PAD, adjusting (2.95)	8	8	8	U.R.
	1J7-12169-R1-00	PAD, adjusting (3.00)	8	8	8	U.R.
	1J7-12169-T1-00	PAD, adjusting (3.05)	8	8	8	U.R.
	1J7-12169-U1-00	PAD, adjusting (3.10)	8	8	8	U.R.
	1J7-12169-V1-00	PAD, adjusting (3.15)	8	8	8	U.R.
	1J7-12169-W1-00	PAD, adjusting (3.20)	8	8	8	U.R.
10	4H7-12153-01-00	LIFTER, valve.....	8	8	8	

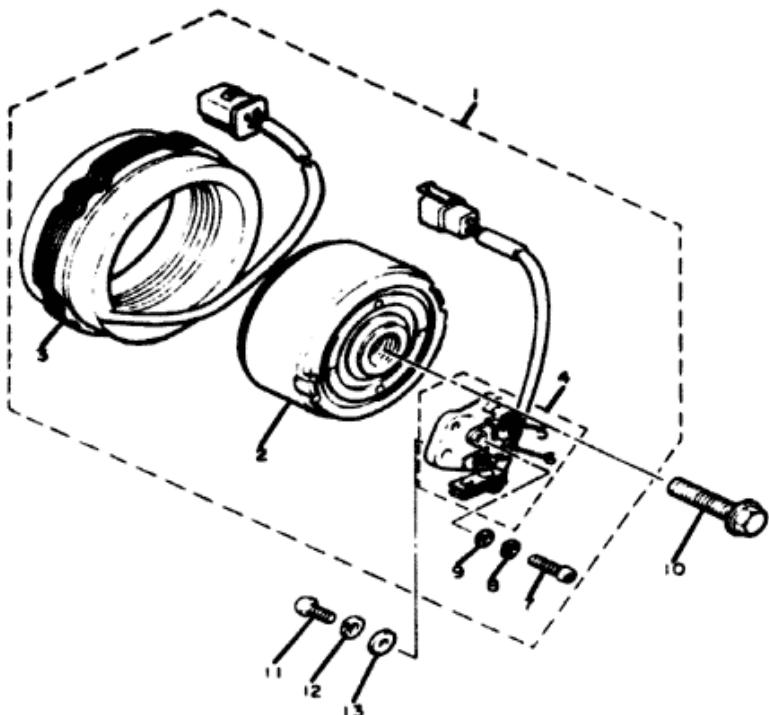
XJ550H

Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm (0.04 ~ .006 in) 0.16 ~ 0.20mm (.006 ~ .008 in)
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XJ550J/K

Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm 0.16 ~ 0.20mm
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A. C. GENERATOR XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-81600-10-00	A.C. GENERATOR ASS'Y.....	1	1	1	
2	4G0-81650-10-00	. ROTOR ASS'Y.....	1	1	1	
3	4G0-81610-10-00	. STATOR ASS'Y.....	1	1	1	
4	4G0-81619-10-00	. BRUSH HOLDER ASS'Y.....	1	1	1	
5	4G0-81611-10-00	. . BRUSH 1	1	1	1	
6	4G0-81612-10-00	. . BRUSH 2	1	1	1	
7	98501-04012-00	. SCREW, pan head (98502-04012)	2	2	2	
8	92901-04100-00	. WASHER, spring (92903-04100)	2	2	2	
9	92901-04600-00	. WASHER, plate	2	2	2	
10	90105-10152-00	BOLT, washer based.....	1	1	1	
11	92503-06015-00	SCREW, pan head (92502-06016).....	2	2	2	
12	92903-06100-00	WASHER, spring (92902-06100).....	2	2	2	
13	92901-06600-00	WASHER (92902-06600).....	2	2	2	

XJ550H/J

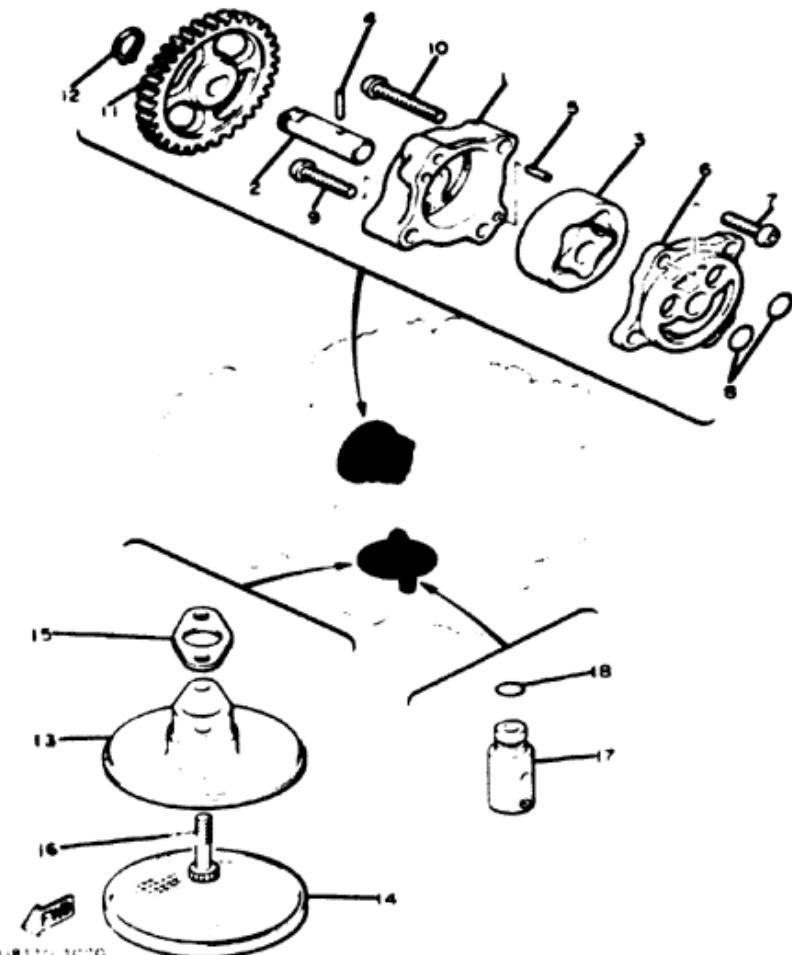
CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave
Battery Model / Specific Gravity / Charge Rate	GS 12N12A-4A 1.28 / 1.2A
Maximum Output	14V 17A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ω	Rotor: Grn ~ Brn / 4.5Ω ± 10% Stator: Wht ~ Wht / 0.5Ω ± 10%

XJ550K

	AC Generator / 3-Phase / Full Wave
Battery Model / Specific Gravity / Charge Rate	12N12A-4A (12V12AH) / 1.28 / 1.2A
Maximum Output	14V17A @ 5000 rpm
Field Coil Color Code / Ω	Grn ~ Brn / 4.5Ω ± 10%
Stator Coil Color Code / Ω	Wht ~ Wht / 0.5Ω ± 10%

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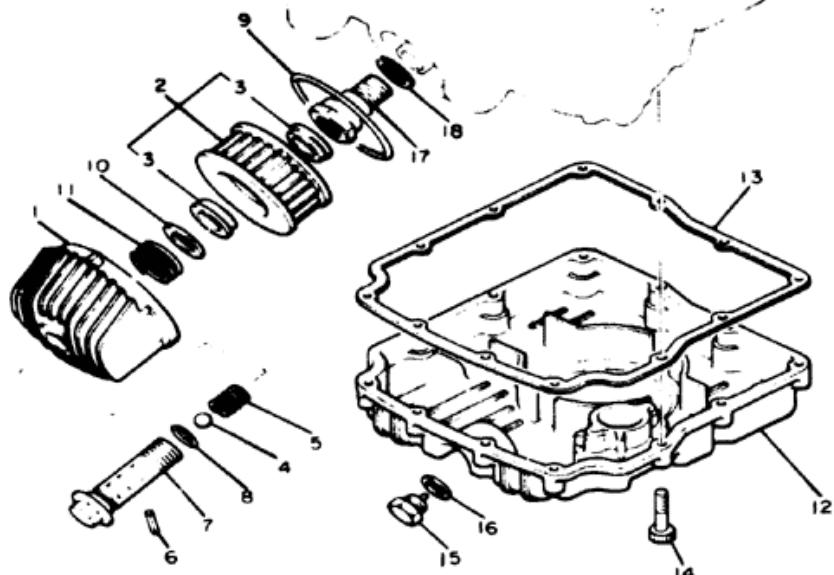
OIL PUMP XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-13336-00-00	HOUSING, rotor	1	1	1	
2	4G0-13314-00-00	SHAFT, pump.....	1	1	1	
3	4G0-13310-00-00	ROTOR ASS'Y 1	1	1	1	
4	93603-17070-00	PIN, dowel	1	1	1	
5	93603-07073-00	PIN, dowel	2	2	2	
6	4G0-13316-00-00	COVER, pump	1	1	1	
7	92503-06015-00	SCREW, pan head (92501-06015).....	1	1	1	
8	93210-13361-00	O-RING.....	2	2	2	
9	92501-06025-00	SCREW, pan head.....	1	1	1	
10	92501-06035-00	SCREW, pan head.....	2	2	2	
11	4G0-13325-00-00	GEAR, driven (43T)	1	1	1	
12	93410-11002-00	CIRCLIP	1	1	1	
13	4G0-13412-00-00	HOUSING, strainer	1	1	1	
14	4H7-13411-01-00	STRAINER, oil	1	1	1	
15	4G0-13415-00-00	SEAL, oil strainer.....	1	1	1	
16	91316-06030-00	BOLT.....	2	2	2	
17	4G0-13490-01-00	RELIEF VALVE ASS'Y.....	1	1		(550H/J)
	11H-13490-00-00	RELIEF VALVE ASS'Y.....			1	(550K)
18	93210-10096-00	O-RING.....	1	1	1	

OIL CLEANER XJ550H

Ref. No.	Part Number	Description	XJ550H	Remarks
1	4G0-13447-00-00	COVER, oil element.....	1	
2	1L9-13440-91-00	ELEMENT ASS'Y, oil cleaner	1	
3	90480-23193-00	. GROMMET.....	2	
4	93501-02018-00	BALL.....	1	
5	90501-12413-00	SPRING, compression	1	
6	91609-20018-00	PIN, spring.....	1	
7	1L9-13340-01-00	BOLT, union (90401-20055).....	1	
8	93210-16325-00	O-RING.....	1	
9	93210-88324-00	O-RING.....	1	

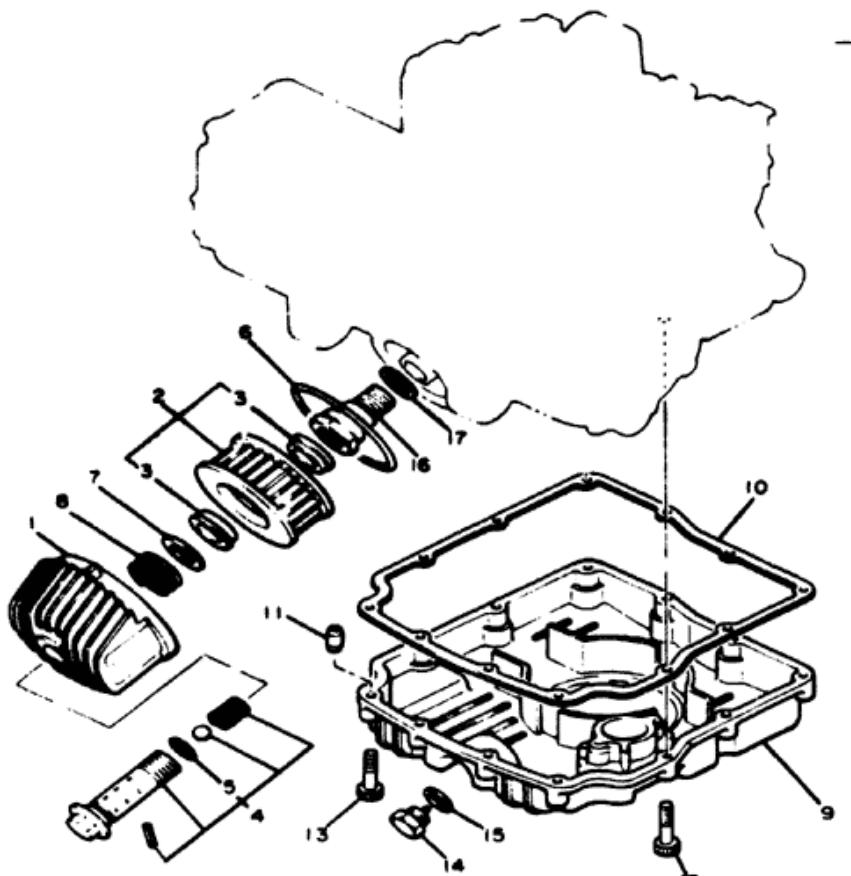


XJ550H

10	90201-21608-00	WASHER, plate	1	
11	90501-20422-00	SPRING, compression	1	
12	4G0-13417-01-00	COVER, strainer.....	1	
13	4G0-13414-00-00	GASKET, strainer cover	1	
14	91316-08030-00	BOLT.....	12	
15	90340-14042-00	PLUG, straight screw	1	
16	214-11198-01-00	GASKET	1	
17	90401-20053-00	BOLT, union	1	
18	90201-20279-00	WASHER, plate	1	

XJ550H

OIL CLEANER XJ550J/K



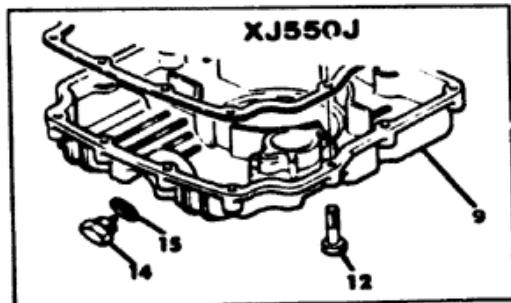
Ref. No.	Part Number	Description	XJ550J/K	Remarks
1	4G0-13447-00-00	COVER, oil element.....	1	1
2	1L9-13440-91-00	ELEMENT ASS'Y, oil cleaner	1	1
3	90480-23193-00	. GROMMET.....	2	2
4	1L9-13340-01-00	BY-PASS VALVE ASS'Y.....	1	1
5	93210-16325-00	. O-RING.....	1	1
6	93210-88324-00	O-RING.....	1	1
7	90201-21608-00	WASHER, plate.....	1	1
8	90501-20422-00	SPRING, compression	1	1
* 9	4G0-13417-02-00	COVER, strainer.....	1	1

XJ550J/K

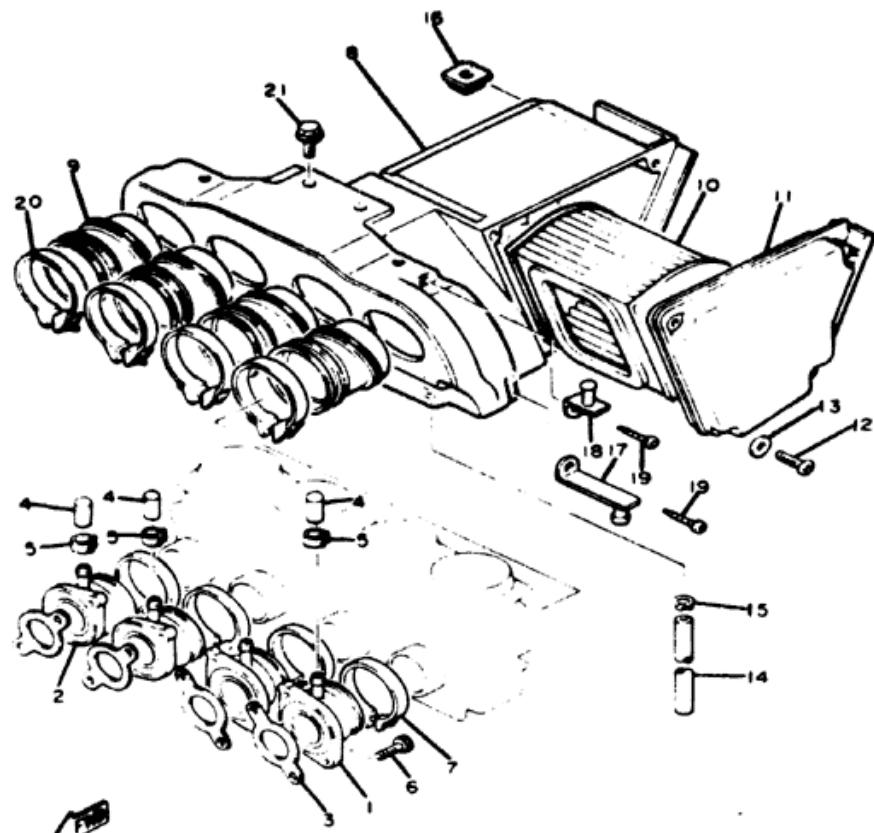
*10	4G0-13414-00-00	GASKET, strainer cover	1	(550J)
*	4G0-13414-01-00	GASKET, strainer cover	1	(550K)
11	91810-18016-00	PIN, dowel	(550K)	2
12	91316-06030-00	BOLT.....	12	10
13	91316-06040-00	BOLT	(550K)	2
*14	90340-14042-00	PLUG, straight screw	1	
*	4X7-13455-00-00	PLUG	(550K)	1
15	214-11198-01-00	GASKET	1	1
16	90401-20053-00	BOLT, union	1	1
17	90201-20279-00	WASHER, plate	1	1

*Indicates new part numbers activated from March, 1982.

XJ550J/K

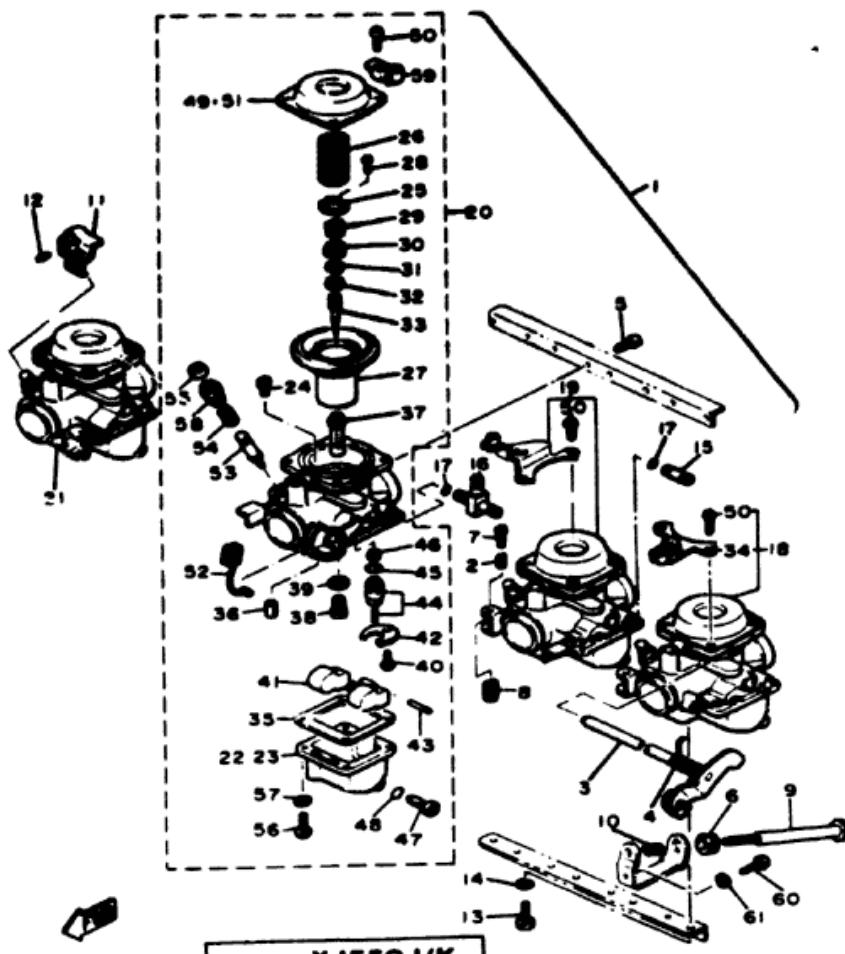


INTAKE XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-13586-02-00	JOINT, carburetor 1	2	2	2	
2	4G0-13596-02-00	JOINT, carburetor 2	2	2	2	
3	4G0-13556-00-00	GASKET, manifold.....	4	4	4	
4	1J7-13589-00-00	PLUG, blind	3	3	3	
5	90467-10039-00	CLIP	3	3	3	
6	91316-06020-00	BOLT.....	8	8	8	
7	90460-48178-00	CLAMP, hose.....(550H)	4			
	90460-48187-00	CLAMP, hose	(550J/K)	4	4	
8	5K5-14401-00-00	AIR CLEANER CASE ASS'Y.....	1	1	1	
9	4G0-14453-00-00	JOINT, air cleaner 1	4	4	4	
10	4U8-14451-00-00	ELEMENT, air cleaner.....	1	1	1	
11	4U8-14412-00-00	CAP, cleaner case 1	1	1	1	
12	98506-05025-00	SCREW, pan head.....	4	4	4	
13	92906-05600-00	WASHER, plate	4	4	4	
14	90446-11021-00	HOSE	1	1	1	
15	90467-09006-00	CLIP	1	1	1	
16	4H7-14484-00-00	PLATE, cleaner case fitting	1	1	1	
17	5K5-2172E-00-00	STAY, side cover 1	2	2	2	
18	5K5-2174E-00-00	STAY, side cover 2	2	2	2	
19	97701-40508-00	SCREW, tapping	4	4	4	
20	90460-56105-00	CLAMP, hose.....	4	4	4	
21	90119-06029-00	BOLT, with washer	3	3	3	

CARBURETOR XJ550H/J/K



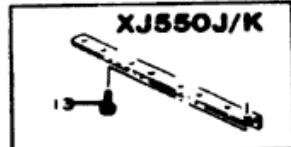
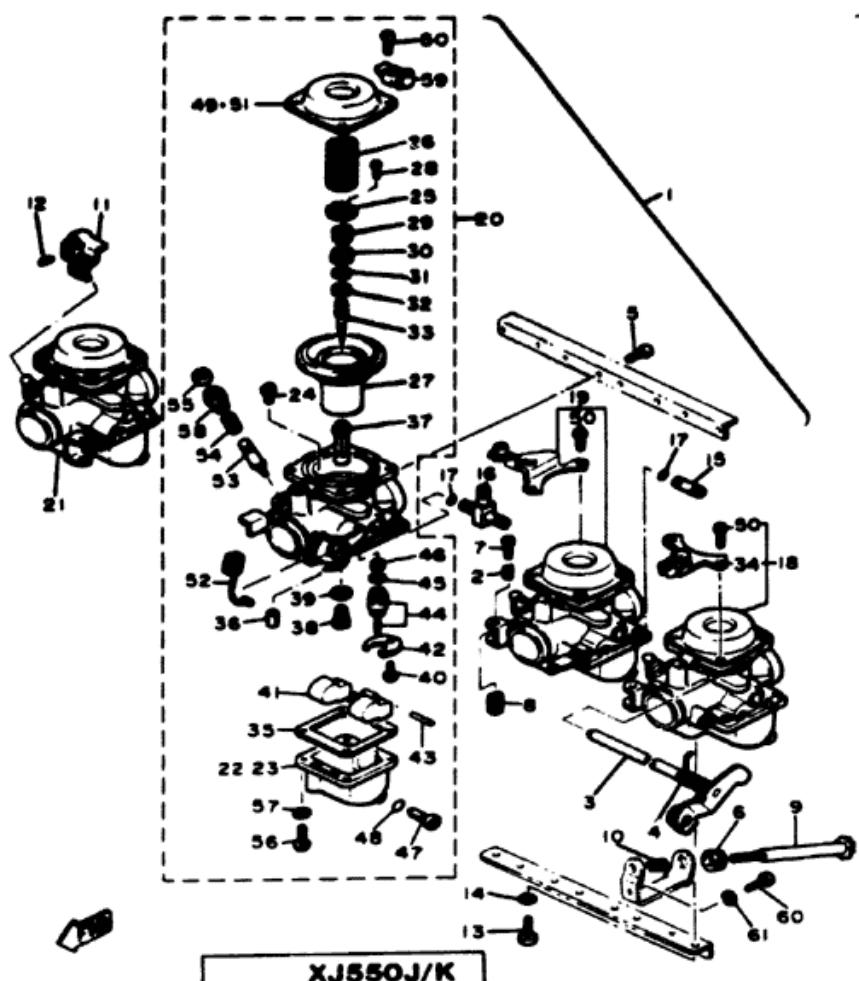
XJ550K

CARBURETOR - Monolevel	Model / Type / ID. Number	Mikuni / BS28 / SK5-00
Main Jet / Pilot Jet	112.5 / 36	
Needle Jet / Jet Needle-Clip Position	O-8 / 4GN15 Fixed	
Slide Cutaway	25	
Float Level / Fuel Level	21.5 ± 0.5mm / 2 ± 1mm	
Idle rpm	1200 rpm	
Max CO% / Max HC% / Set CO (Using YICSTool)	7% / 500 ppm / 4% (All Settings @ Idle)	

XJ550H/J

Carburetor - Mfr. / Type / ID. Number	Mikuni / BS28 / 5K5-00
Main Jet / Pilot Jet	112.5 / 35
Needle Jet / Jet Needle-Clip Position	0.8 / 4GM:15 Fixed
Slide Cutaway or Throttle Valve	130
Float Level / Fuel Level	21.5 ± 0.5mm / 2.0 ± 1mm (Measured From Body Edge)
Idle rpm	1200
Max CO% / Max HC% / Set CO	See HC/CO Specs on Page 2

CARBURETOR XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
21	5K5-14904 00-00	CARBURETOR ASS'Y	1	1	1	
22	4G0-14981-07-00	BODY, float chamber	2	2	2	
23	4G0-14982-07-00	BODY, float chamber	2	2	2	
24	258-14944-33-00	JET, main (#165.0)	4	4	4	
25	4U8-14936-00-00	SEAT, spring	4	4	4	
26	4U8-14933-00-00	SPRING, diaphragm	4	4	4	
27	4G0-14940-00-00	DIAPHRAGM ASS'Y	4	4	4	
28	97802-03008-00	SCREW, pan head	8	8	8	
29	3F7-14689-00-00	SPRING	4	4	4	
30	2N6-14227-01-00	WASHER	4	4	4	
31	164-14137-00-00	CLIP	4	4	4	
32	5K5-14918-00-00	RING	4	4	4	
33	443-14116-15-00	NEEDLE	4	4	4	
34	4G0-14926-00-00	BRACKET, throttle 1	1	1	1	
35	4G0-14984-00-00	GASKET, float chamber	4	4	4	
36	4G0-14142-35-A0	JET, pilot (#35.0)	4	4	4	
37	4U8-14941-38-00	NOZZLE, main	4	4	4	
38	620-14231-73-A0	JET, main (#365.0)	4	4	4	
39	137-14153-00-00	WASHER, main jet	4	4	4	
40	98501-04005-00	SCREW, pan head (98502-04006)	4	4	4	

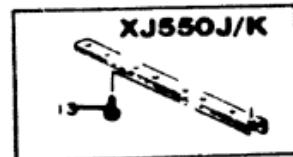
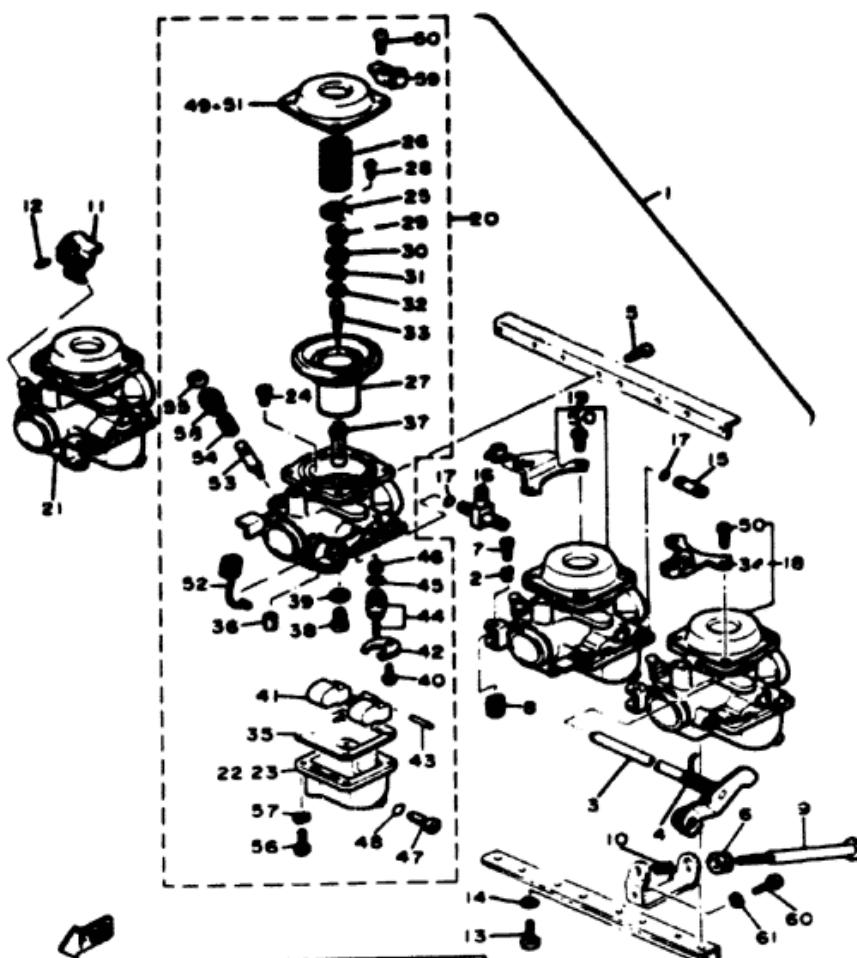
XJ550H/J

CARBURETOR - Manufacturer / Type / I.D. Number	Mikuni / BS28 / 5K5-00
Main Jet / Pilot Jet	112.5 / 35
Needle Jet / Jet Needle-Clip Position	O-8 / 4GN15 Fixed
Slide Cutaway or Throttle Valve	130
Floot Level / Fuel Level	21.5 ± 0.5mm / 2.0 ± 1mm (Measured from Body Edge)
Idle rpm	1200
Max CO% / Max HC% / Set CO	See HC/CO Specs on Page 2

XJ550K

CARBURETOR - Manufacturer / Type / I.D. Number	Mikuni / BS28 / 5K5-00
Main Jet / Pilot Jet	112.5 / 35
Needle Jet / Jet Needle-Clip Position	O-8 / 4GN15 Fixed
Slide Cutaway	Ø
Floot Level / Fuel Level	21.5 ± 0.5mm / 2 ± 1mm
Idle rpm	1200 rpm
Max CO% / Max HC% / Set CO (Using YICS Tool)	7% / 500 ppm / 4% (All Settings @ Idle)

CARBURETOR XJ550H/J/K

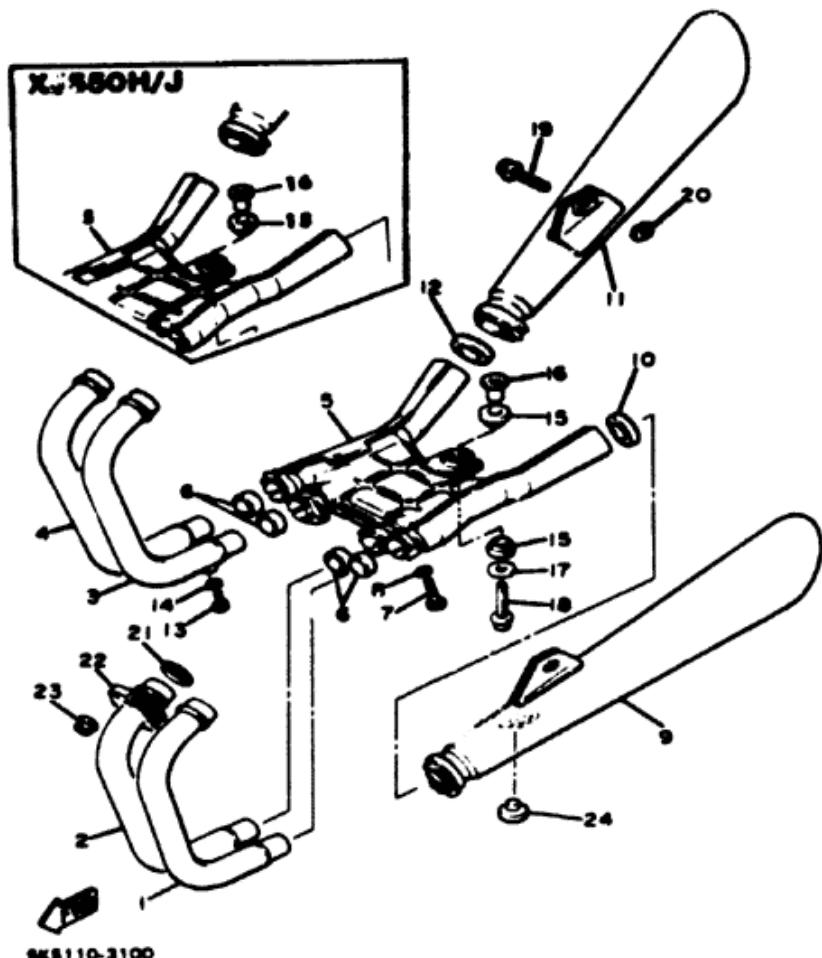


XJ550K

Carburetor - Manufacturer / Type / I.D. Number	Mikuni / BS28 / 5K5-00
Main Jet / Pilot Jet	112.5 / 36
Needle Jet / Jet Needle-Clip Position	O-8 / 4GN15 Fixed
Slide Cutaway	0
Float Level / Fuel Level	21.5 ± 0.5mm / 2 ± 1mm
Idle rpm	1200
Max CO% / Max HC% / Set CO	See HC/CO Specs on Page 2

Carburetor - Manufacturer / Type / I.D. Number	Mikuni / BS28 / 5K5-00
Main Jet / Pilot Jet	112.5 / 36
Needle Jet / Jet Needle-Clip Position	O-8 / 4GN15 Fixed
Slide Cutaway or Throttle Valve	130
Float Level / Fuel Level	21.5 ± 0.5mm / 2 ± 1mm (Measured From Body Edge)
Idle rpm	1200
Max CO% / Max HC% / Set CO	See HC/CO Specs on Page 2

EXHAUST XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-14611-00-00	PIPE, exhaust 1	1	1	1	
2	4G0-14621-00-00	PIPE, exhaust 2	1	1	1	
3	4G0-14631-00-00	PIPE, exhaust 3	1	1	1	
4	4G0-14641-00-00	PIPE, exhaust 4	1	1	1	
5	4G0-14615-01-0C	JOINT, exhaust 1	1	1	1	
6	4H7-14714-00-00	GASKET, muffler	4	4	4	
7	97311-08020-00	BOLT	4	4	4	
8	92901-08600-00	WASHER, plate	4	4	4	
9	5K5-14710-00-00	MUFFLER ASS'Y 1	1	1	1	
10	1L9-14714-01-00	GASKET, muffleric.(550K)	1	1	1	
11	5K5-14720-00-00	MUFFLER ASS'Y 2	1	1	1	
12	1L9-14714-01-00	GASKET, muffler	(550K)	1	1	1
13	97313-06012-00	BOLT	4	4	4	
14	92903-C8600-00	WASHER, plate	4	4	4	
15	4K0-14747-00-00	DAMPER, muffler	2	2	2	
16	4G0-14638-00-00	COLLAR	1	1	1	
17	90201-10689-00	WASHER, plate	1	1	1	
18	95801-10040-00	BOLT, flange	1	1	1	
19	95801-10035-00	BOLT, flange	2	2	2	
20	90179-10276-00	NUT	2	2	2	
21	4H7-14613-00-00	GASKET, exhaust pipe	4	4	4	
22	4H7-14612-00-00	NUT, ring	4	4	4	
23	90179-06306-00	NUT	8	8	8	
24	371-27114-00-00	STOPPER, main stand	1	1	1	

XJ550H

Max CO% / Max HC% / Set CO

See H% CO Specs on Page 2

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

XJ550J

Max CO% / Max HC% / Set CU

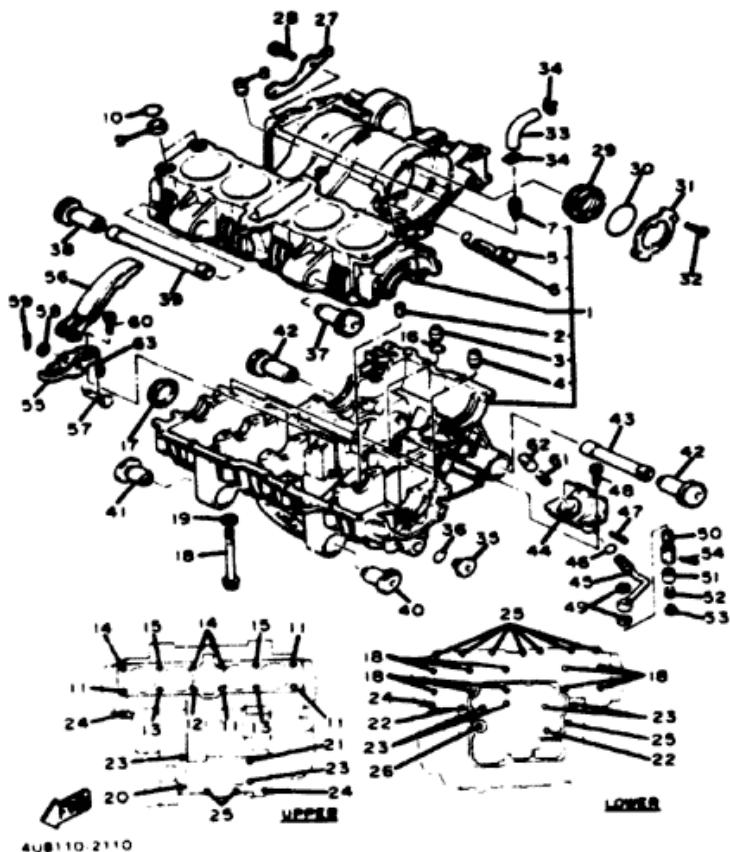
See HC/CO Specs on Page 2

XJ550K

Max CO% / Max HC% / Set CO (Using YICCS Tool)

7% / 500 ppm / 4% (All Settings @ Idle)

CRANKCASE XJ550H/J/K



XJ550K

Drain Plug	M14: 4.3 m-kg
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2600cc
Oil Change Only	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF

XJ550J

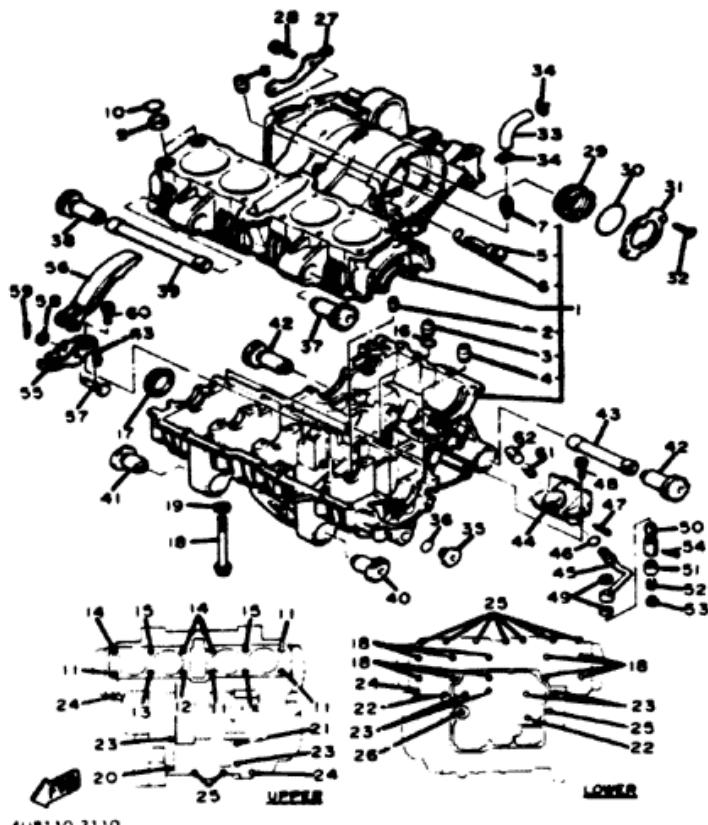
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2600cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30
Drain Plug	14 x 1.50 4.3 m-kg

Ref. No.	Part Number	Description	H	J	K	Remarks
43	4G0-15327-00-00	SPACER, engine mount	1	1	1	
44	4G0-11592-00-00	TENSIONER, chain	1	1	1	
45	4G0-13171-00-00	PIPE, delivery 2	1	1	1	
46	93210-07435-00	O-RING	1	1	1	
47	91401-25025-00	PIN, cotter (91400-25025)	1	1	1	
48	90110-06043-00	BOLT, hexagon socket head	2	2	2	
49	90430-10027-00	GASKET	2	2	2	
50	4G0-11576-00-00	BODY, relief	1	1	1	
51	4G0-11577-00-00	PLUNGER, relief	1	1	1	
52	90501-08614-00	SPRING, compression	1	1	1	
53	90209-03202-00	WASHER	1	1	1	
54	91401-20020-00	PIN, cotter	1	1	1	
55	4G0-11497-00-00	BRACKET, tensioner	1	1	1	
56	4G0-11489-00-00	ARM, tensioner	1	1	1	
57	90240-08078-00	PIN, clevis	1	1	1	
58	92901-08600-00	WASHER, plate	1	1	1	
59	91401-25012-00	PIN, cotter	(550H)	1		
	91401-25015-00	PIN, cotter	(550J/K)	1	1	
60	90110-06043-00	BOLT, hexagon socket head	2	2	2	
61	90501-12604-00	SPRING, compression	1	1	1	
62	4G0-11597-00-00	PLUNGER, tensioner	1	1	1	
63	90468-18110-00	CLIP	1	1	1	

XJ550H

Drain Plug	14 x 1.50: 4.3 m-kg (31.1 ft-lb)
Oiling System	Wet Sump
Capacity: Dry	2900cc (3.1 Qt.)
Oil and Filter Change	2600cc (2.6 Qt.)
Oil Change	2200cc (2.3 Qt.)
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

CRANKCASE XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-15100-01-00	CRANKCASE ASS'Y.....	1	1		(550H/J)
*	4G0-15100-02-00	CRANKCASE ASS'Y.....			1	(550K)
2	4G0-15138-00-00	. NOZZLE 1	3	3	3	
3	91830-21014-00	. PIN, dowel	1	1	1	
4	91830-22016-00	. PIN, dowel	2	2	2	
5	4G0-15148-00-00	. NOZZLE 2	1	1	1	
6	93210-11453-00	. O-RING	1	1	1	
7	371-11167-01-00	. COVER, breather 2.....	1	1	1	
8	90387-16547-00	COLLAR	2	2	2	
9	93210-18322-00	O-RING.....	2	2	2	
10	90116-08338-00	BOLT, stud	4	4	4	
11	90116-08339-00	BOLT, stud	1	1	1	
12	90116-08340-00	BOLT, stud	2	2	2	
13	4G0-11363-00-00	BOLT, cylinder holding 3.....	3	3	3	
14	4G0-11364-00-00	BOLT, cylinder holding 4.....	2	2	2	
15	91830-21014-00	PIN, dowel	(550H) 1			
	91830-24016-00	PIN, dowel	(550J/K)	1	1	
16	93210-09350-00	O-RING.....	1	1	1	
17	90338-48105-00	PLUG	(550H/J) 1	1		
	4H7-15167-10-00	PLUG, blind 1	(550K)		1	
18	95811-08100-00	BOLT, flange.....	10	10	10	
19	90201-08368-00	WASHER, plate		8	10	8
20	95811-08080-00	BOLT, flange.....	1	1	1	
21	95811-06115-00	BOLT, flange.....	1	1	1	

XJ550J/K

Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2600cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30
Drain Plug	14 x 1.50: 4.3 m-kg

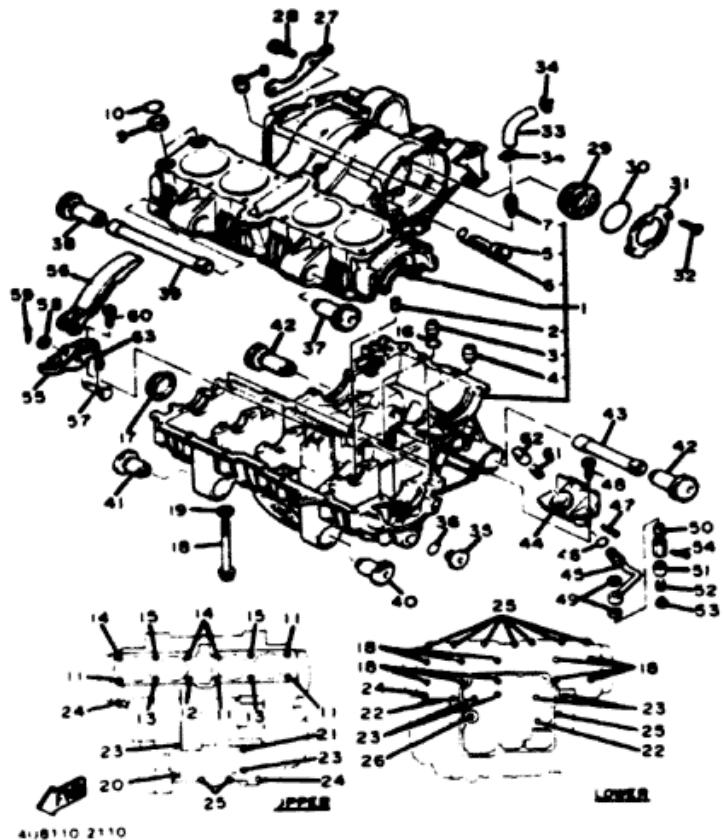
XJ550H

Drain Plug	14 x 1.50: 4.3 m-kg (31.1 ft-lb)
Oiling System	Wet Sump
Capacity: Dry	2900cc (3.1 Qt.)
Oil and Filter Change	2600cc (2.6 Qt.)
Oil Change	2200cc (2.3 Qt.)
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

XJ550K

Drain Plug	M14: 4.3 m-kg
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2600cc
Oil Change Only	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF

CRANKCASE XJ550H/J/K


XJ550J

Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2600cc
Oil Change	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30
Drain Plug	14 x 1.50: 4.3 m-kg

Ref. No.	Part Number	Description	H	J	K	Remarks
22	95811-06095-00	BOLT, flange.....	2	2	2	
23	95811-06065-00	BOLT, flange.....	6	6	6	
24	95811-06055-00	BOLT, flange.....	3	3	3	
25	95811-06045-00	BOLT, flange.....	10	10	10	
26	95811-06035-00	BOLT, flange.....	1	1	1	
27	4G0-15381-00-00	PLATE, bearing cover	1	1	1	
28	91316-06015-00	BOLT.....	2	2	2	
29	4G0-15163-01-00	HOUSING, bearing 1 (4G0-15163-00).....	1	1	1	
30	93210-48460-00	O-RING.....	1	1	1	
31	4G0-15383-00-00	PLATE, bearing cover	1	1	1	
32	90151-06014-00	SCREW, countersunk	2	2	2	
33	4G0-11166-00-00	PIPE, breather 1	1	1	1	
34	90467-14015-00	CLIP	2	2	2	
35	4H7-15189-00-00	PLUG	2	2	2	
36	93210-21276-00	O-RING.....	2	2	2	
37	4G0-15336-00-00	DAMPER, engine mount 3	1	1	1	
38	4G0-15338-00-00	DAMPER, engine mount 5	1	1	1	
39	4G0-15317-00-00	SPACER, engine mount	1	1	1	
40	4G0-15316-00-00	DAMPER, engine mount 1	1	1	1	
41	4G0-15337-00-00	DAMPER, engine mount 2	1	1	1	
42	4G0-15326-00-00	DAMPER, engine mount 2	2	2	2	

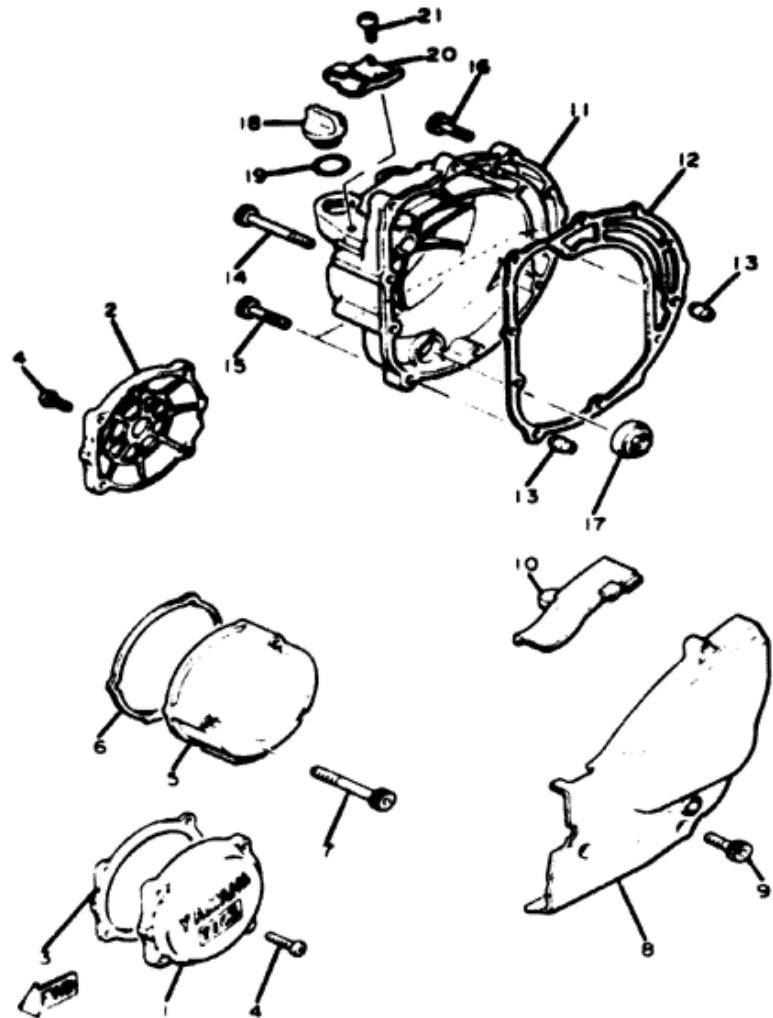
XJ550H

Drain Plug	14 x 1.50: 4.3 m-kg (31.1 ft-lb)
Oiling System	Wet Sump
Capacity: Dry	2900cc (3.1 Qt.)
Oil and Filter Change	2600cc (2.6 Qt.)
Oil Change	2200cc (2.3 Qt.)
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

XJ550K

Drain Plug	M14: 4.3 m-kg
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change Only	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF

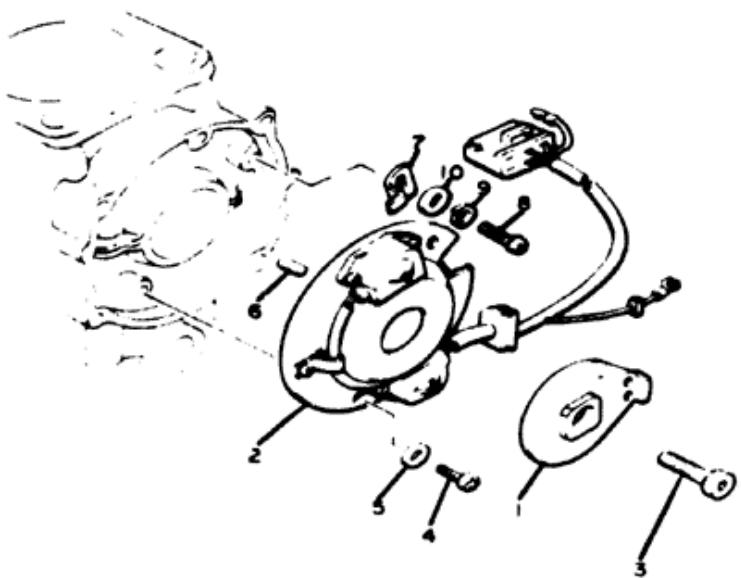
CRANKCASE COVER XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4UB-15416-01-00	COVER, oil pump (4UB-15410-00).....	1	1	1	
2	4UB-15426-01-00	COVER, oil pump 2 (4UB-15420-00).....	1	1	1	
3	4H7-15456-00-00	GASKET, oil pump cover 1.....	1	1	1	
4	98901-06020-00	SCREW, bind.....	8	8	8	
5	4G0-15415-00-00	COVER, generator.....	1	1	1	
6	4G0-15455-00-00	GASKET 1.....	1	1	1	
7	91311-06070-00	BOLT.....	3	3	3	
8	4G0-15411-00-00	COVER, crankcase 1.....	1	1	1	
9	91311-06025-00	BOLT.....	3	3	3	
10	4G0-15425-00-00	COVER, generator 2	1	1	1	
11	4G0-15421-01-00	COVER, crankcase 2.....	1	1	1	
12	4G0-15461-00-00	GASKET, crankcase cover 2	1	1	1	
13	91830-21014-00	PIN, dowel.....	2	2	2	
14	91311-06070-00	BOLT.....	2	2	2	
15	91311-06040-00	BOLT.....	2	2	2	
16	91311-06030-00	BOLT.....	6	6	6	
17	3Y1-15361-00-00	GAUGE, level.....	1	1	1	
18	2H7-15363-00-00	PLUG, oil	1	1	1	
19	93210-27370-00	O-RING.....	1	1	1	
20	4G0-15441-00-00	HOLDER, clutch cable	1	1	1	
21	92503-06012-00	SCREW, pan head (92501-06012).....	1	1	1	

4UB110-1120

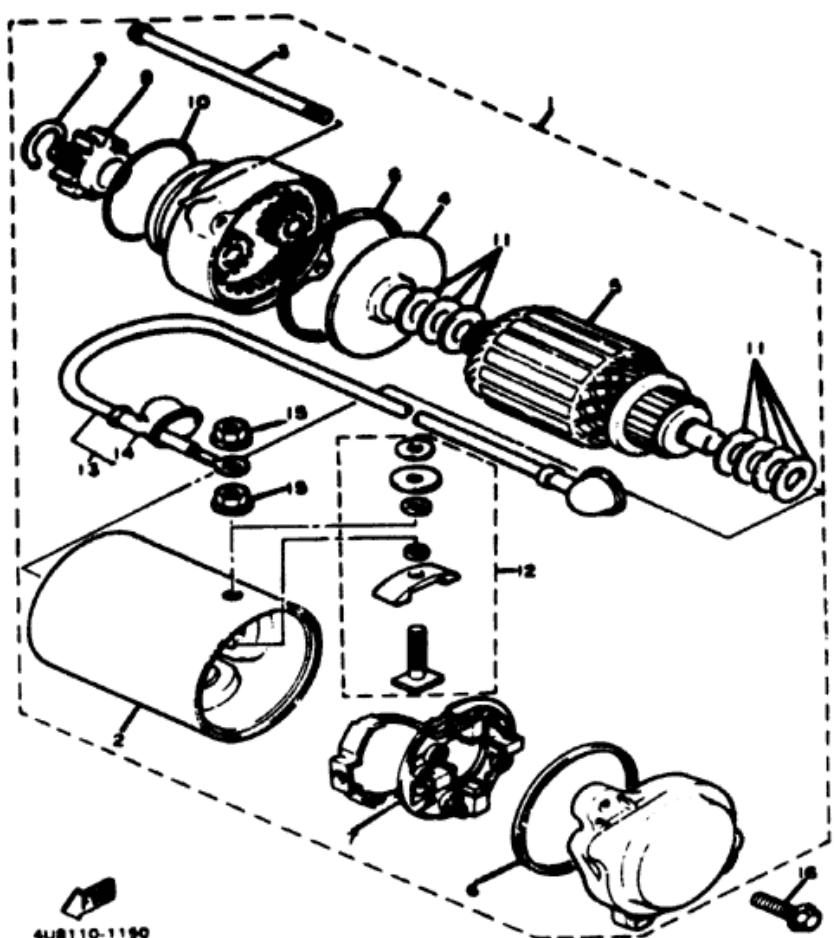
PICKUP COIL - GOVERNOR XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4U8-81673-10-00	ROTOR	1	1	1	
2	4U8-81671-10-00	BASE, pickup.....	1	1	1	
3	91316-08030-00	BOLT.....	1	1	1	
4	92503-08012-00	SCREW, pan head (92501-08012).....	2	2	2	
5	92903-08200-00	WASHER, plain (92901-08200)	2	2		(550H/J)
	92901-08600-00	WASHER, plain (92902-08600)		2		(550K)
6	93604-08071-00	PIN, dowel	1	1	1	
7	4H7-81632-00-00	PLATE, timing	1	1	1	
8	92503-08012-00	SCREW, pan head (92501-08012).....	1	1	1	
9	02903-08100-00	WASHER, spring (92901-08100)	1	1	1	
10	92901-08600-00	WASHER, plate	1	1	1	

STARTING MOTOR XJ550H/J/K

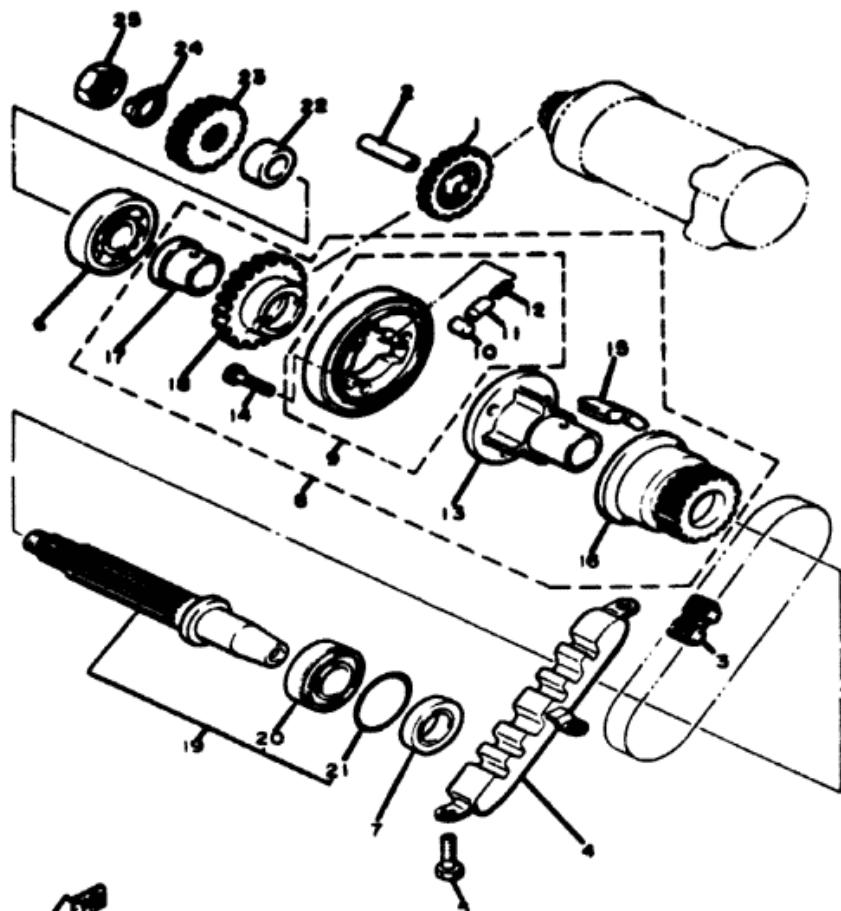
Ref. No.	Part Number	Description	H	J	K	Remarks
1	4GO-81800-60-00	STARTING MOTOR ASS'Y	1	1	1	
2	4GO-81810-00-00	. STATOR ASS'Y.....	1	1	1	
3	4GO-81826-00-00	. BOLT	2	2	2	
4	4GO-81845-20-00	. PLATE	1	1	1	
5	4GO-81850-00-00	. ARMATURE ASS'Y	1	1	1	
6	4GO-81844-00-00	. GASKET.....	2	2	2	
7	4GO-81840-00-00	. BRUSH HOLDER ASS'Y	1	1	1	
8	4GO-15511-00-00	. GEAR, starting motor.....	1	1	1	
9	93410-12003-00	. CIRCLIP.....	1	1	1	
10	4GO-81847-00-00	. O-RING	1	1	1	
11	4GO-81809-00-00	. WASHER KIT	1	1	1	
12	4GO-81828-00-00	. BOLT 2.....	1	1	1	
13	4GO-81815-00-00	. WIRE, starter	1	1	1	
14	4GO-81871-00-00	. CAP.....	2	2	2	
15	4GO-81872-00-00	. NUT, special.....	2	2	2	
16	95821-06025-00	BOLT, flange.....	2	2	2	



4UB110-1150

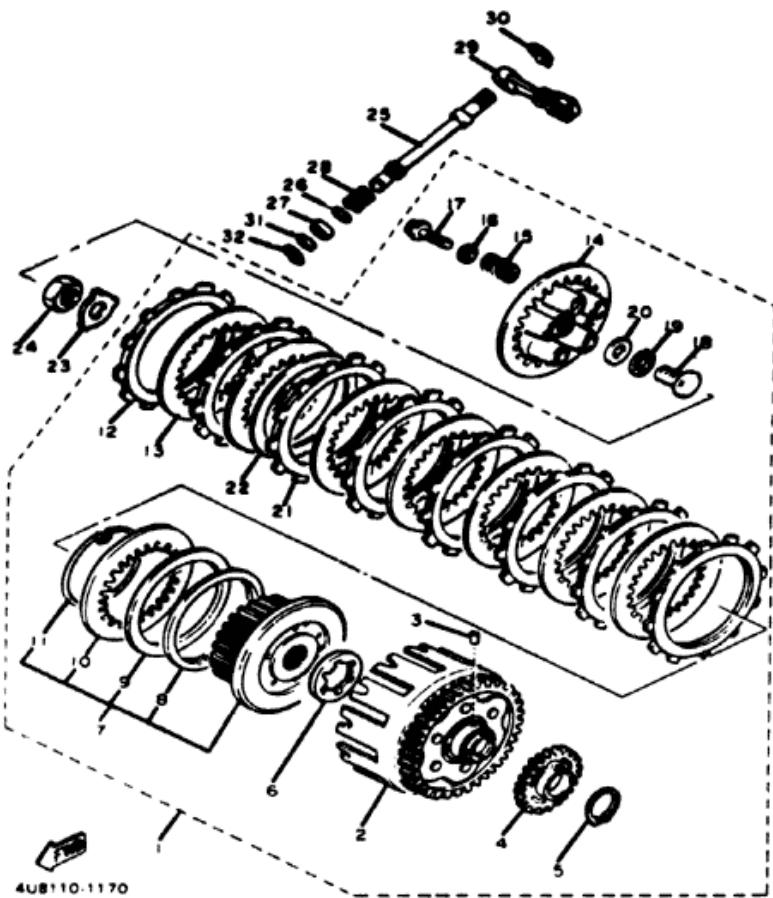
STARTER CLUTCH XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-15512-00-00	GEAR, idler 1 (30T)	1	1	1	
2	4H7-15521-00-00	SHAFT 1.....	1	1	1	
3	4G0-16139-00-00	CHAIN, primary.....	1	1	1	
4	4G0-11474-00-00	GUIDE, upper.....	1	1	1	
5	97301-06014-00	BOLT.....	3	3	3	
6	93306-30525-00	BEARING (B6306).....	1	1	1	
7	93102-25253-00	OIL SEAL	1	1	1	
8	4G0-16308-01-00	CLUTCH DAMPER ASS'Y	1	1	1	
9	4G0-15580-00-00	STARTER CLUTCH OUTER ASS'Y.....	1	1	1	
10	93615-12088-00	.. PIN, dowel.....	3	3	3	
11	1J7-15583-U1-00	.. CAP, starter clutch spring	3	3	3	
12	90501-04623-00	.. SPRING, compression	3	3	3	
13	4G0-15524-01-00	.. WHEEL, starter	1	1	1	
14	91316-08014-00	.. BOLT	3	3	3	
15	4G0-16155-03-00	.. ABSORBER 1	4	4	4	
16	4G0-11537-00-00	.. GEAR, driven (22T).....	1	1	1	
17	90387-256A1-00	.. COLLAR.....	1	1	1	
18	4G0-15517-00-00	.. GEAR, idler 2	1	1	1	
19	4G0-11406-00-00	SHAFT ASS'Y	1	1	1	
20	93306-20545-00	.. BEARING.....	1	1	1	
21	93210-47440-00	.. O-RING	1	1	1	
22	90387-216A9-00	COLLAR	1	1	1	
23	4U8-16111-00-00	GEAR, primary drive (28T)	1	1	1	
24	90215-19180-00	WASHER, lock.....	1	1	1	
25	90179-16319-00	NUT.....	1	1	1	



SF8332-1180

CLUTCH XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4U8-16300-01-00	CLUTCH ASS'Y.....	1	1	1	
2	4U8-16170-01-00	. PRIMARY DRIVEN GEAR COMP. (65T).....	1	1	1	
3	93605-10108-00	. PIN, dowel	1	1	1	
4	4G0-13324-01-00	. GEAR, drive (51T).....	1	1	1	
5	93410-40059-00	. CIRCLIP.....	1	1	1	
6	3Y1-16154-00-00	. PLATE, thrust 1	1	1	1	
7	4H7-16370-00-00	. CLUTCH BOSS ASS'Y.....	1	1	1	
8	1J7-16384-00-00	. . PLATE, seat	1	1	1	
9	1J7-16383-01-00	. . SPRING, clutch boss	1	1	1	
10	168-16324-00-00	. . PLATE, clutch 1.....	1	1	1	
11	1J7-16385-00-00	. . RING, clutch boss.....	1	1	1	
12	383-16321-00-00	. . PLATE, friction	7	7	7	
13	371-16325-00-00	. . PLATE, clutch 2	7	7	7	
14	4H7-16351-00-00	. . PLATE, pressure 1	1	1	1	
15	90501-23391-00	. . SPRING, compression.....	5	5	5	
16	90201-061A5-00	. . WASHER, plate	5	5	5	
17	95821-06025-00	. . BOLT, flange	5	5	5	
18	4H7-16356-00-00	. . ROD, push 1	1	1	1	
19	93340-21505-00	. . BEARING.....	1	1	1	
20	90201-151A7-00	. . WASHER, plate	1	1	1	

XJ550H

Clutch Nut	20 x 1.0: 7.0 m·kg (50.6 ft lb)
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm

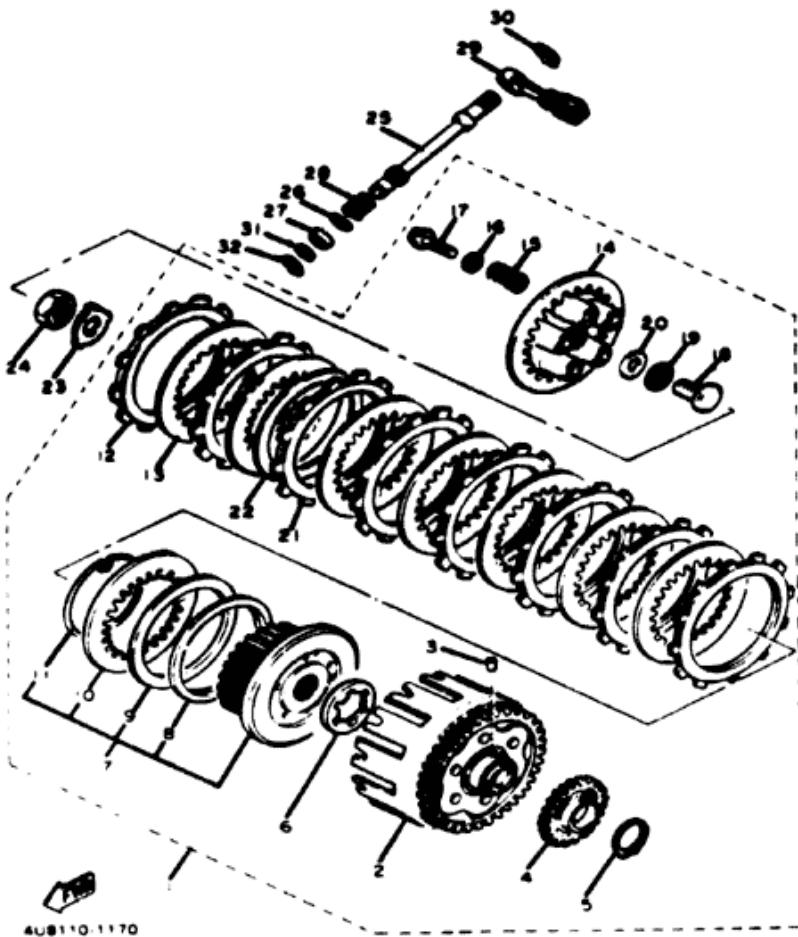
XJ550J

Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm
Clutch Nut	40 x 1.0: 7.0 m·kg

XJ550K

Clutch Nut	M20: 7.0 m·kg
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CLUTCH XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
21	4L0-16321-00-00	PLATE, friction	1	1	1	
22	4G0-16383-00-00	SPRING, clutch boss	1	1	1	
23	90215-20170-00	WASHER, lock	1	1	1	
24	90170-20257-00	NUT	1	1	1	
25	4G0-16382-00-00	AXLE, push lever	1	1	1	
26	102-18137-00-10	WASHER 1	1	1	1	
27	93102-12224-00	OIL SEAL	1	1	1	
28	90508-16459-00	SPRING, torsion	1	1	1	
29	4G0-16340-01-00	PUSH LEVER ASS'Y	1	1	1	
30	93430-09035-00	CIRCLIP	1	1	1	
31	90201-09572-00	WASHER, plate	1	1	1	
32	93430-08006-00	CIRCLIP	1	1	1	

XJ550H

Clutch Nut	20 x 1.0: 7.0 m-kg (50.6 ft-lb)
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm

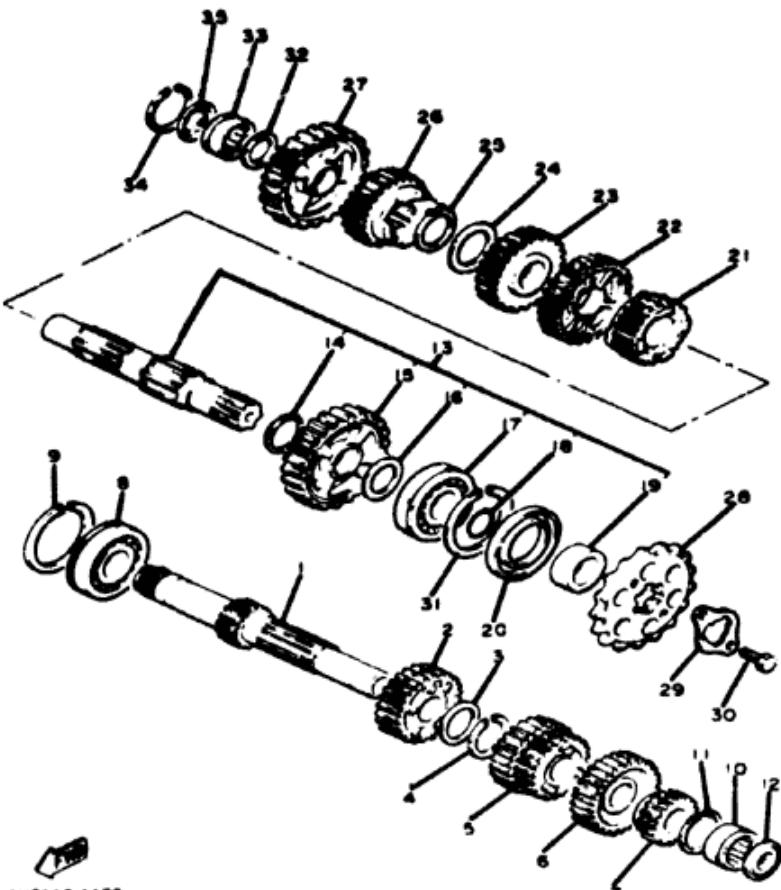
XJ550.J

Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm
Clutch Nut	20 x 10 7.0 m kg

XJ550K

Clutch N.v M20: 7.0 m-kg

TRANSMISSION XJ550H/J/K



4UB110 1180

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-17411-00-00	AXLE, main (15T).....	1	1	1	
2	4UB-17151-00-00	GEAR, 5th pinion (28T).....	1	1	1	
3	90209-22191-00	WASHER	1	1	1	
4	93440-25019-00	CIRCLIP (93440-25008).....	1	1	1	
5	4UB-17131-00-00	GEAR, 3rd/4th pinion (22/25T)	1	1	1	
6	4UB-17161-00-00	GEAR, 6th pinion (30T).....	1	1	1	
7	4UB-17121-00-00	GEAR, 2nd pinion (19T)	1	1	1	
8	93306-30530-00	BEARING	1	1	1	
9	278-17424-00-00	CIRCLIP 1.....(550H/J)	1	1		
	278-17424-01-00	CIRCLIP 1.....(550K)			1	
10	93311-42045-00	BEARING, cylindrical	1	1	1	
11	278-17425-00-00	CIRCLIP 2	1	1	1	
12	4G0-17433-01-00	NOZZLE	1	1	1	
13	4G0-17402-01-00	DRIVE AXLE ASS'Y.....	1	1	1	
14	90201-273A9-00	. WASHER, plate	1	1	1	
15	4G0-17221-00-00	. GEAR, 2nd wheel (37T).....	1	1	1	
16	90201-25290-00	. WASHER, plate	1	1	1	
17	93306-30529-00	. BEARING.....	1	1	1	
18	93210-22298-00	. O-RING	1	1	1	
19	90387-257A3-00	. COLLAR.....	1	1	1	
20	93102-35109-00	OIL SEAL	1	1	1	

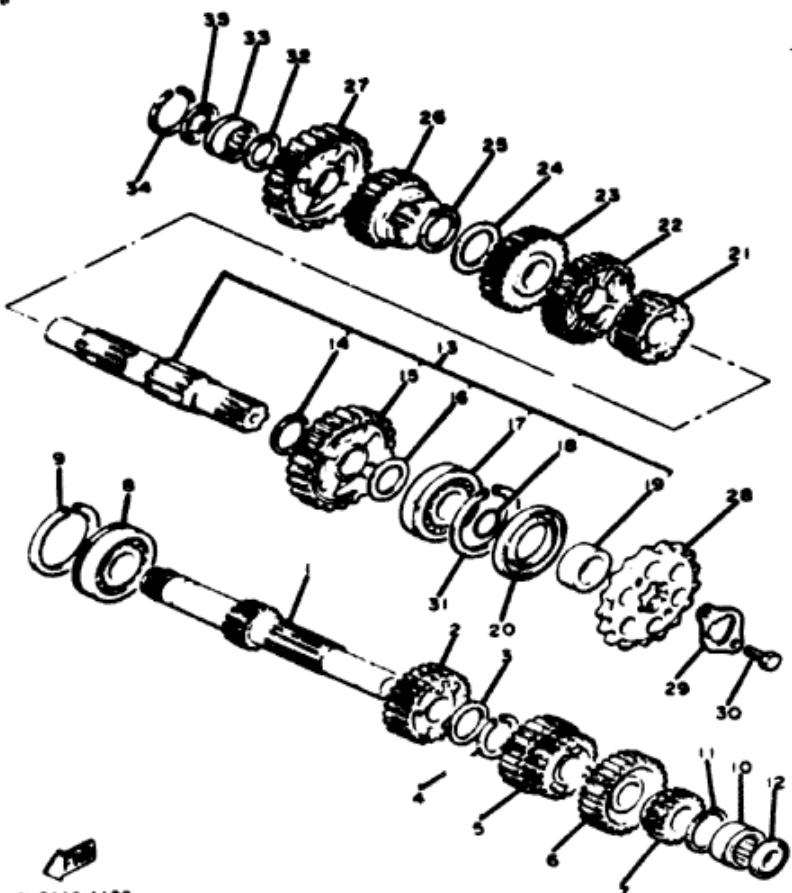
XJ550H/J

TRANSMISSION - Oil Type / Qty Chg / Qty Reassemble	See ENGINE Above
Primary Drive Type / Teeth / Ratio	Spur Gear x HY VO Chain / 22-21 x 65-28 / 2.432
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L
Oiling System	Wet Sump
Capacity: Dry	2900cc (3.1 Qt.)
Oil and Filter Change	2600cc (2.6 Qt.)
Oil Change	2200cc (2.3 Qt.)
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

XJ550K

TRANSMISSION - Oil Type / Qty Change / Qty Dry	See ENGINE Above
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS104L
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2600cc
Oil Change Only	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF

TRANSMISSION XJ550H/J/K



408110 1180

Ref. No.	Part Number	Description	H	J	K	Remarks
21	4G0-17261-00-00	GEAR, 6th wheel (27T).....	1	1	1	
22	4G0-17231-00-00	GEAR, 3rd wheel (34T).....	1	1	1	
23	4G0-17241-00-00	GEAR, 4th wheel (31T).....	1	1	1	
24	90209-22191-00	WASHER	1	1	1	
25	93440-25019-00	CIRCLIP (93440-25008).....	1	1	1	
26	4G0-17251-00-00	GEAR, 5th wheel (29T).....	1	1	1	
27	4G0-17211-00-00	GEAR, 1st wheel (41T).....	1	1	1	
28	4G0-17461-61-00	SPROCKET, drive (18T).....	1	1	1	
29	3Y1-17456-00-00	HOLDER, sprocket	1	1	1	
30	97322-06012-00	BOLT.....	2	2	2	
31	278-17424-00-00	CIRCLIP 1.....(550H/J)	1	1		
	278-17424-01-00	CIRCLIP 1.....(550K)			1	
32	90201-20276-00	WASHER, plate	1	1	1	
33	93311-42045-00	BEARING, cylindrical	1	1	1	
34	278-17425-00-00	CIRCLIP 2	1	1	1	
35	4G0-17433-01-00	NOZZLE	1	1	1	

XJ550H

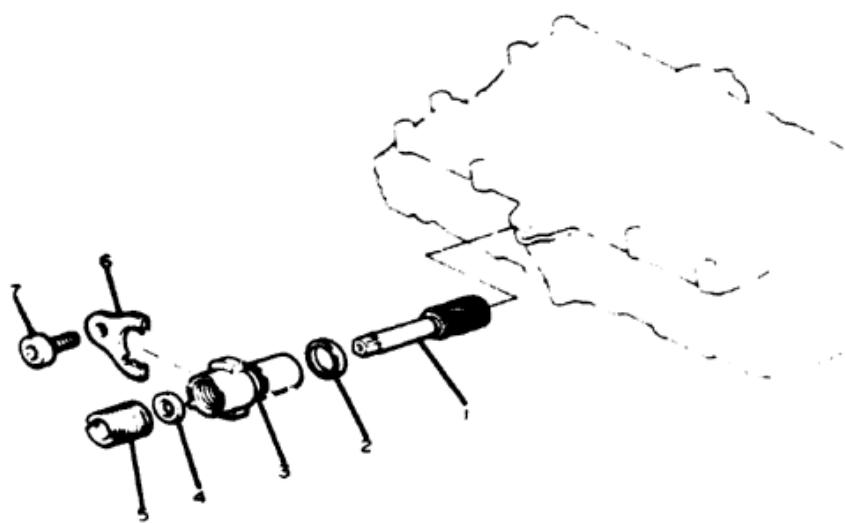
TRANSMISSION - Oil Type / Qty Chg / Qty Reassembly	See ENGINE Above
Primary Drive Type / Teeth / Ratio	Spur Gear x HY-VO Chain / 22-21 x 65-28 / 2.432
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L
Oiling System	Wet Sump
Capacity: Dry	2900cc (3.1 Qt.)
Oil and Filter Change	2500cc (2.6 Qt.)
Oil Change	2200cc (2.3 Qt.)
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40
Temp. Below 15°C (60°F)	SAE 10W30

XJ550K

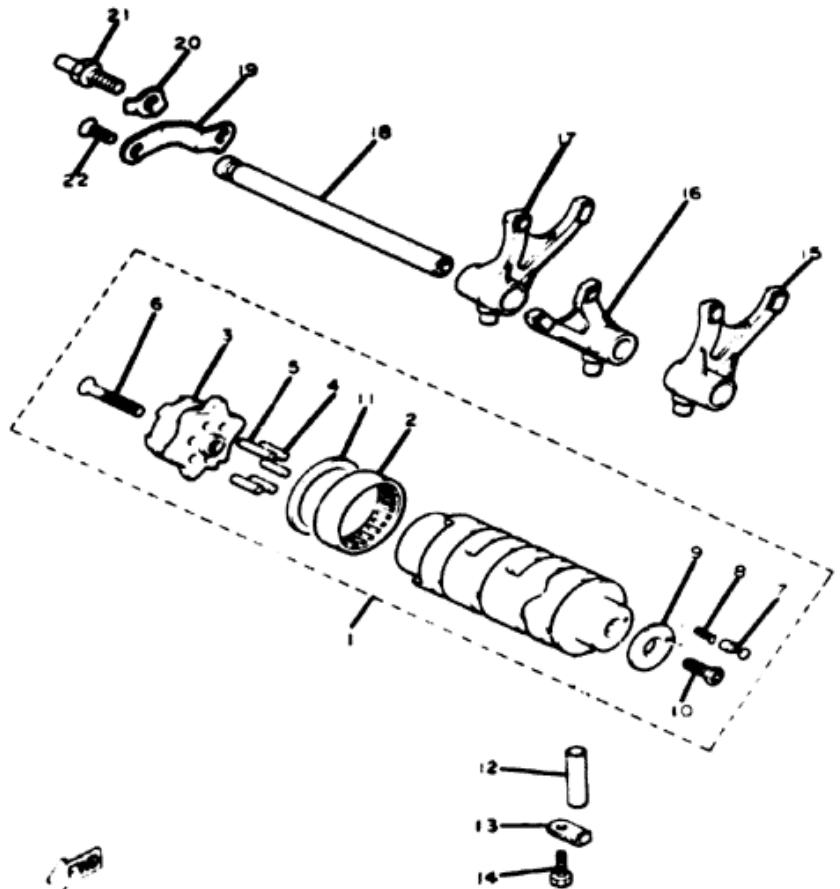
TRANSMISSION - Oil Type / Qty Chg / Qty Reassembly	See ENGINE Above
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS104L
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change Only	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF

TACHOMETER GEAR XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4H7-17841-00-00	GEAR, driven	1	1	1	
2	93210-11437-00	O-RING.....	1	1	1	
3	4H7-17811-01-00	HOUSING, tachometer gear (4H7-17811-00).....	1	1	1	
4	93104-07036-00	OIL SEAL	1	1	1	
5	256-17848-00-00	ADAPTER.....	1	1	1	
6	4H7-17812-00-00	STOPPER.....	1	1	1	
7	91311-06012-00	BOLT.....	1	1	1	

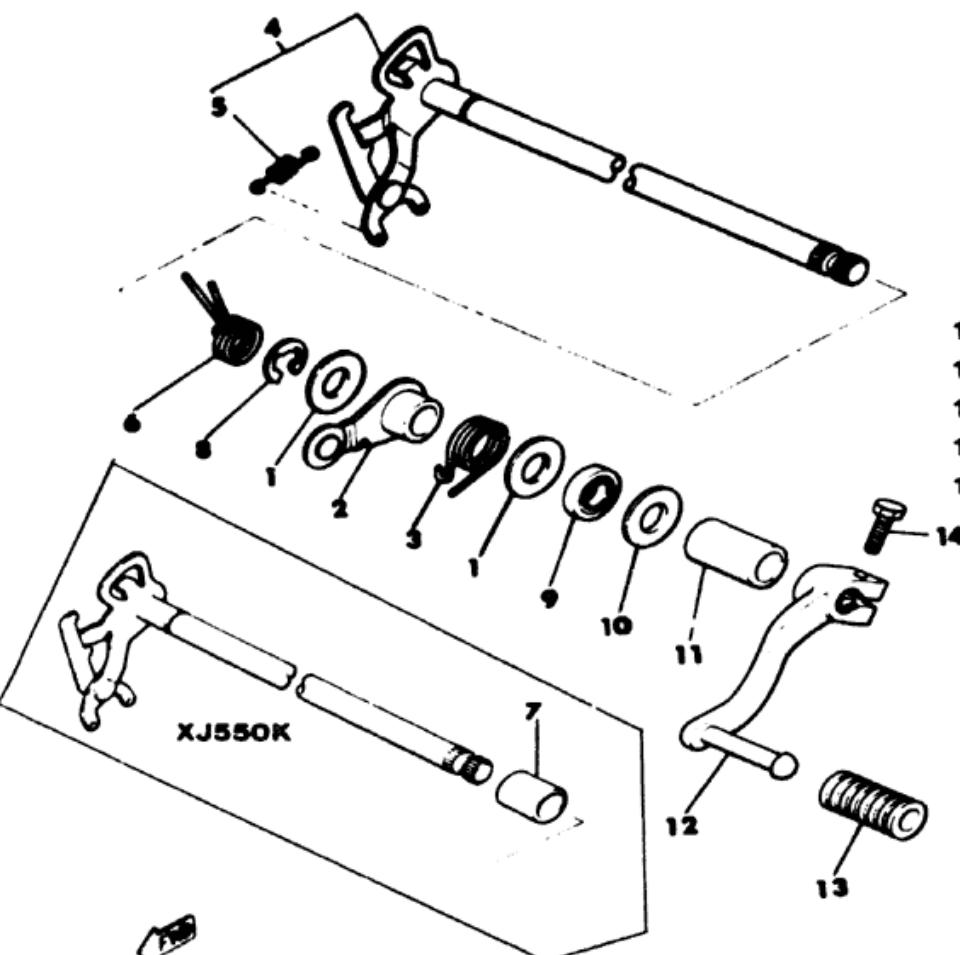


SHIFT CAM FORK XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-18540-01-00	SHIFT CAM ASS'Y	1	1	1	
2	93306-90501-00	. BEARING.....	1	1	1	
3	4G0-18185-01-00	. SEGMENT.....	1	1	1	
4	93604-16092-00	. PIN, dowel	5	5	5	
5	93604-10011-00	. PIN, dowel	1	1	1	
6	98701-05035-00	. SCREW, flat head.....	1	1	1	
7	278-18542-00-00	. POINT, neutral	1	1	1	
8	90501-06022-00	. SPRING, compression.....	1	1	1	
9	278-18566-00-00	. PLATE, side 2	1	1	1	
10	98701-05016-00	. SCREW, flat head.....	1	1	1	
11	117-15644-00-00	. SHIM	1	1	1	
12	93608-36165-00	PIN, dowel	1	1	1	
13	2H7-15531-00-00	PLATE, stopper	1	1	1	
14	97301-06016-00	BOLT (97301-06015)	1	1	1	
15	4G0-18511-00-00	FORK, shift 1	1	1	1	
16	4G0-18512-00-00	FORK, shift 2	1	1	1	
17	4G0-18513-00-00	FORK, shift 3	1	1	1	
18	4G0-18531-00-00	BAR, shift fork guide 1	1	1	1	
19	4G0-18536-00-00	STOPPER, shift bar	1	1	1	
20	90215-18178-00	WASHER, lock.....	1	1	1	
21	4G0-18127-00-00	STOPPER, screw	1	1	1	
22	92701-06015-00	SCREW, flat head	1	1	1	

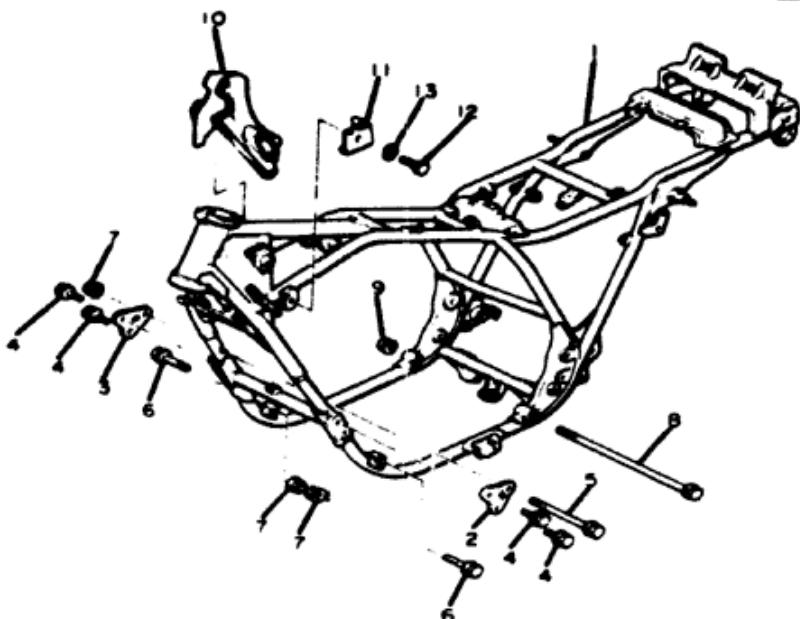
SHIFT SHAFT - PEDAL XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	90201-12588-00	WASHER, plate	2	2	2	
2	4G0-18140-00-00	STOPPER LEVER ASS'Y	1	1	1	
3	90508-29533-00	SPRING, torsion (90508-29473)	1	1	1	
4	4G0-18120-00-00	SHIFT LEVER ASS'Y.....	1	1	1	
5	90508-08227-00	SPRING, tension	1	1	1	
6	99999-01178-00	SPRING, collar (90508-32461)	1	1	1	Spring/Collar (550H/J)
	90508-32534-00	SPRING, torsion.....(550K)	1	Spring Only		
7	90387-124F4-00	COLLAR.....(550K)	1	Collar Only		
8	93430-10016-00	CIRCLIP	1	1	1	
9	93102-12106-00	OIL SEAL	1	1	1	
10	90201-12575-00	WASHER, plate	1	1	1	
11	90387-125A8-00	COLLAR	1	1	1	
12	4U8-18111-00-00	PEDAL, shift.....	1	1	1	
13	132-18113-01-00	COVER, shift pedal	1	1	1	
14	97321-06020-00	BOLT	1	1	1	

FRAME XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
1	5K5-21110-00-33	FRAME COMP.....	1	1	1	Yamaha Blk
2	4G0-21315-00-R4	STAY, engine 2	1	1	1	Black
3	4G0-21316-00-R4	STAY, engine 3	1	1	1	Black
4	90105-08155-00	BOLT, washer based.....	4	4	4	
5	90105-10055-00	BOLT, washer based.....	1	1	1	
6	90105-10170-00	BOLT, washer based.....	2	2	2	
7	90179-10247-00	NUT.....	3	3	3	
8	90105-12171-00	BOLT, washer based.....	1	1	1	
9	90179-12248-00	NUT.....	1	1	1	
10	5K5-2139R-00-00	COVER 2	1	1	1	
11	5K5-2134Y-00-00	STAY, horn.....	1	1	1	
12	97306-08012-00	BOLT.....	1	1	1	
13	92906-08100-00	WASHER, spring.....	1	1	1	



XJ550H

Initial Engine Number / Frame Number	5K5-000101 - SK5-000101
Engine Mounting Bolts, Front, Upper Nut	10 x 1.25 4.2 m-kg (30.4 ft-lb)
Lower Bolt	10 x 1.25 4.2 m-kg (30.4 ft-lb)
Rear Nut	12 x 1.25 7.0 m-kg (50.6 ft-lb)
Stay, Front	8 x 1.25 2.0 m-kg (14.5 ft-lb)

XJ550J

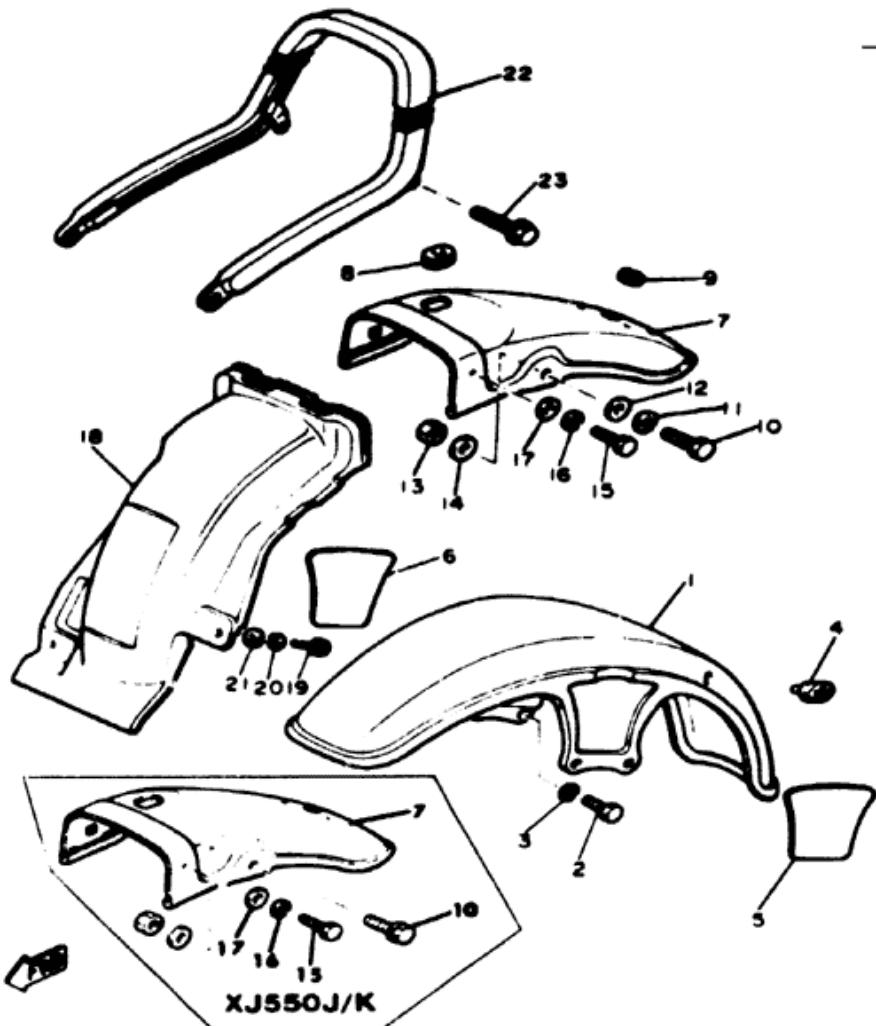
Initial Engine Number / Frame Number	5K5-020101 - SK5-020101
Engine Mounting Bolts, Front, Upper Nut	10 x 1.25 4.2 m-kg
Lower Bolt	10 x 1.25 4.2 m-kg
Rear Nut	12 x 1.25 7.0 m-kg
Stay, Front	8 x 1.25 2.0 m-kg

XJ550K

Initial Engine Number / Frame Number	5K5-100101 - JYASK550Y - 1DA100101
Engine Mounting Bolts, Front Upper Nut	M10 4.2 m-kg
Lower Bolt	M10 4.2 m-kg
Rear Nut	M12 7.0 m-kg
Front Stay	M8 2.0 m-kg

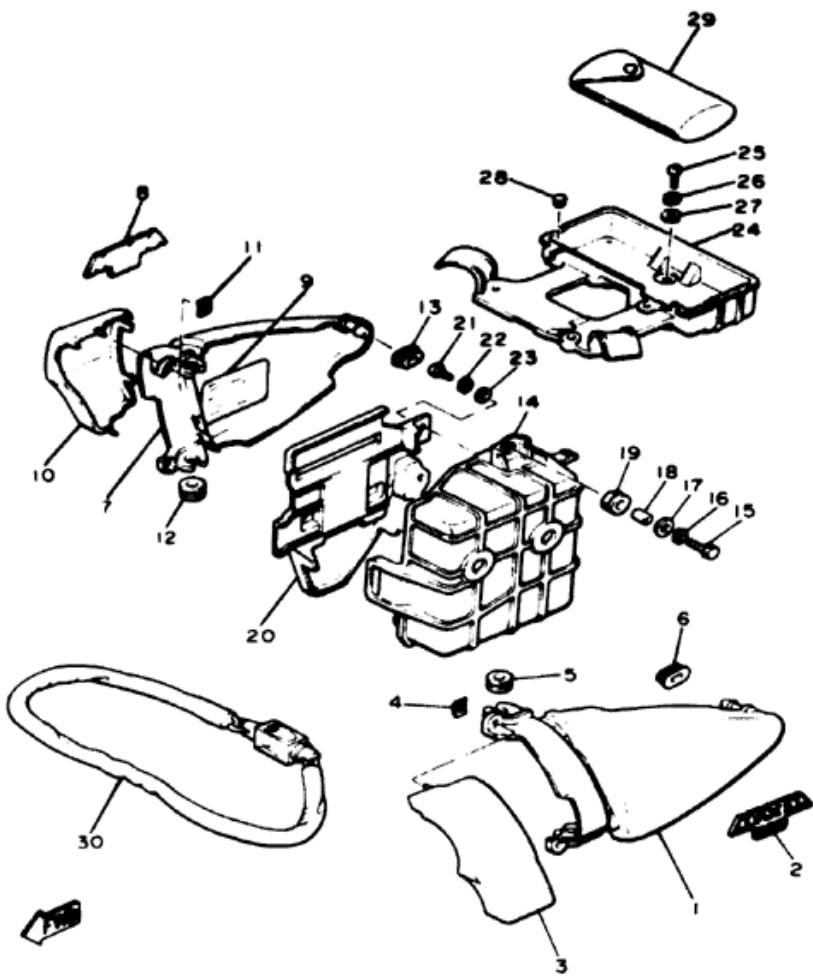
5K5110-1270

FRONT FENDER - REAR FENDER XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	4H7-21510-01-93	FRONT FENDER COMP.	1	1	1	Chrome Plated
2	97301-08020-00	BOLT.....	4	4	4	
3	92903-08100-00	WASHER, spring (92901-08100)	4	4	4	
4	1A0-21518-00-00	HOLDER, cable	1	1	1	
5	4H7-21575-00-00	SEAL 1	1	1	1	
6	4H7-21576-00-00	SEAL 2	1	1	1	
7	5K5-21610-00-93	REAR FENDER COMP.	1	1	1	Chrome Plated
8	90480-15061-00	GROMMET.....	1	1	1	
9	90480-16112-00	GROMMET.....	1	1	1	
10	97326-08016-00	BOLT..... (550H) 2				
	95826-08016-00	BOLT, flange..... (550J/K) 2	2	2		
11	92906-08100-00	WASHER, spring (550H) 2				
12	92906-08600-00	WASHER, plate (550H) 2				
13	95301-08600-00	NUT (95302-08600)	2			(550H)
	90179-08246-00	NUT	2	2		
14	92903-08200-00	WASHER (92902-08200)	2			(550H)
	90201-08748-00	WASHER, plate	2	2		
15	97306-06012-00	BOLT.....	2	2	2	
16	92906-06100-00	WASHER, spring.....	2	2	2	
17	92906-06600-00	WASHER, plate.....	2	2	2	
18	4G0-21629-00-00	GUARD, mud.....	1	1	1	
19	97306-06016-00	BOLT.....	2	2	2	
20	92906-06100-00	WASHER, spring.....	2	2	2	
21	90201-06067-00	WASHER, plate.....	2	2	2	
22	5K5-21640-00-00	REAR STAY COMP.	1	1	1	
23	95821-10020-00	BOLT, flange.....	2	2	2	

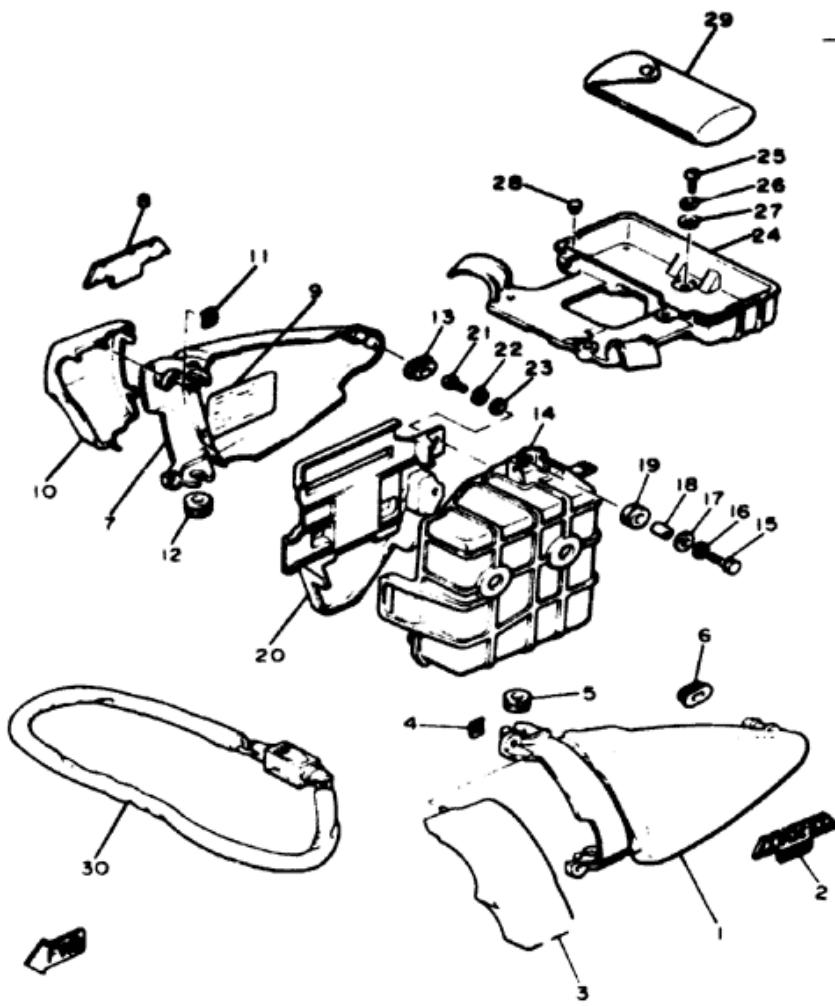
SIDE COVER - TOOL XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	5K5-21711-00-8G	COVER, side (L.H.)	(550H)	1		U.R. New Yamaha Blk
	5K5-21711-00-7J	COVER, side (L.H.)	(550H)	1		U.R. New Ruby Red
	5K5-21711-00-4J	COVER, side 1	(550J)	1		U.R. Black Blue
	5K5-21711-00-6M	COVER, side 1	(550J)	1		U.R. Star Silver
*	5K5-21711-00-2U	COVER, side 1	(550K)	1		U.R. Super Red
	5K5-21711-00-8G	COVER, side 1	(550K)	1		U.R. New Yamaha Blk
2	5K5-21781-00-00	EMBLEM 1.....		1	1	1
3	5K5-21731-00-00	COVER, side 3		1	1	1
4	90183-04005-00	NUT, spring		2	2	2
5	90480-12053-00	GROMMET.....		2	2	2
6	90480-01141-00	GROMMET.....		1	1	1
7	5K5-21721-00-8G	COVER, side (R.H.)	(550H)	1		U.R. New Yamaha Blk
	5K5-21721-00-7J	COVER, side (R.H.)	(550H)	1		U.R. New Ruby Red
	5K5-21721-00-4J	COVER, side 2	(550J)	1		U.R. Black Blue
	5K5-21721-00-6M	COVER, side 2	(550J)	1		U.R. Star Silver
*	5K5-21721-00-2U	COVER, side 2	(550K)	1		U.R. Super Red
	5K5-21721-00-8G	COVER, side 2	(550K)	1		U.R. New Yamaha Blk
8	5K5-21782-00-00	EMBLEM 2.....		1	1	1
9	4U8-21683-00-00	PLATE, specification.....		1		(550H)
	4U8-21683-10-00	PLATE, specification.....		1		(550J)
*	4U8-21683-20-00	PLATE, specification.....		1		(550K)

*Indicates new part numbers activated from March, 1982.

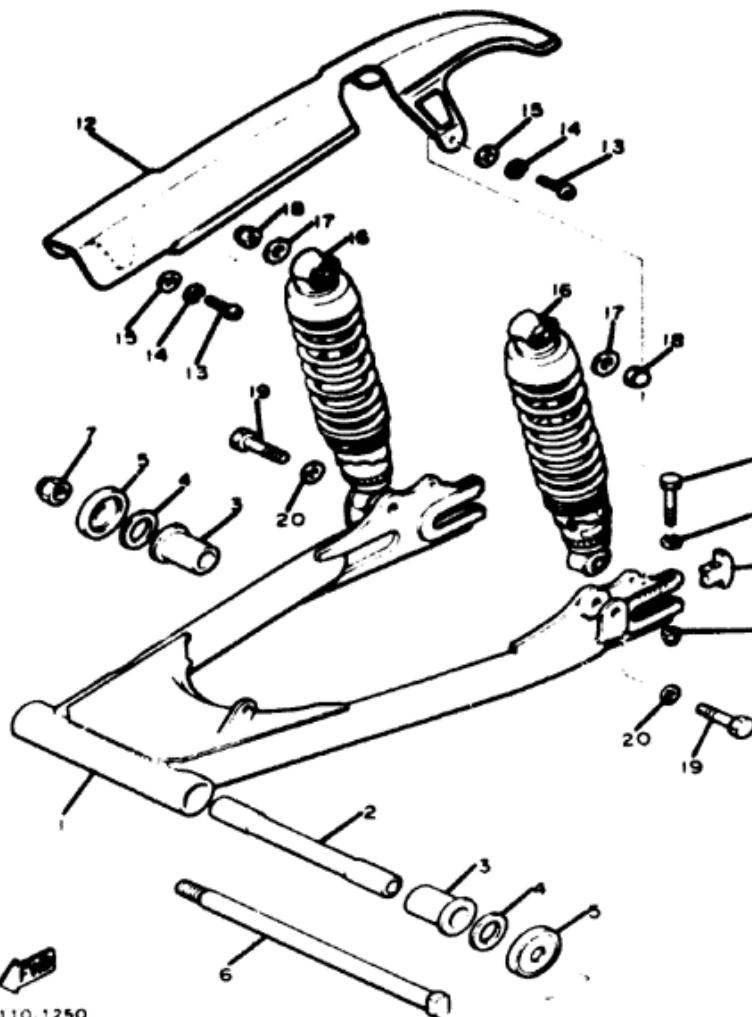
SIDE COVER - TOOL XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
10	5K5-21741-00-00	COVER, side 4.....	1	1	1	
11	90183-04005-00	NUT, spring	2	2	2	
12	90480-12053-00	GROMMET.....	2	2	2	
13	90480-01141-00	GROMMET.....	1	1	1	
14	4G0-21170-00-00	BOX COMP.....	1	1	1	
15	97303-06020-00	BOLT (97302-06020)	3	3	3	
16	92903-06100-00	WASHER, spring (92902-06100)	3	3	3	
17	90201-06071-00	WASHER, plate	3	3	3	
18	90387-060A7-00	COLLAR	3	3	3	
19	90480-18233-00	GROMMET.....	3	3	3	
20	5K5-28185-00	LID.....	1	1	1	
21	92503-06015-00	SCREW, pan head (92502-06016).....	2	2	2	
22	92903-06100-00	WASHER, spring (92902-06100).....	2	2	2	
23	90201-06055-00	WASHER, plate	2	2	2	
24	4G0-21171-00-00	BOX, tool	1	1	1	
25	92503-06015-00	SCREW, pan head (92502-06016).....	1	1	1	
26	92903-06100-00	WASHER, spring (92902-06100)	1	1	1	
27	90201-06055-00	WASHER, plate	1	1	1	
28	1J7-21717-00-00	DAMPER, side cover.....	2	2	2	
29	4G0-28100-10-00	TOOL KIT	1	1	1	
30	4X7-W2171-00-00	WHEEL LOCK ASS'Y	1	1	1	

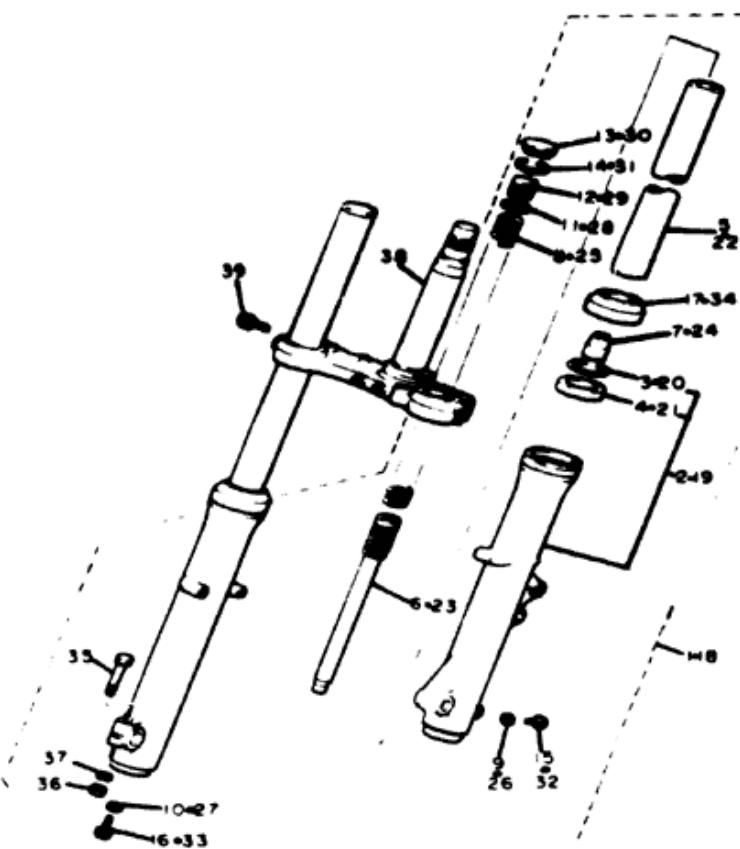
REAR ARM - SUSPENSION XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
1	4U8-22110-00-33	REAR ARM COMP.....	1	1	1	Yamaha Blk
2	4L0-22184-00-00	BUSH	1	1	1	
3	90386-22102-00	BUSH	2	2	2	
4	240-22127-00-00	SHIM (0.3T) (158-22127-00)	1	1	1	U.N.
5	322-22128-01-00	COVER, thrust 1	2	2	2	
6	4G0-22141-00-00	SHAFT, pivot	1	1	1	
7	90185-14070-00	NUT, self-locking.....	1	1	1	
8	4G0-22177-00-00	END 3	2	2	2	
9	97326-06055-00	BOLT.....	2	2	2	
10	92906-06100-00	WASHER, spring.....	2	2	2	
11	95706-06300-00	NUT, nylon	2	2	2	
12	5K5-22311-00-00	CASE, chain.....	1	1	1	
13	92503-06012-00	SCREW, pan head (92501-06012)	(550H)	2		
	97321-06016-00	BOLT (97321-06014)	(550J/K)	2	2	
14	92903-06100-00	WASHER, spring (92901-06100)	2	2	2	
15	92901-06600-00	WASHER, plate	2	2	2	
16	5K6-22210-00-00	SHOCK ABSORBER ASS'Y, rear	2	2	2	
17	90201-10142-00	WASHER, plate	2	2	2	
18	90176-10009-00	NUT, crown	2	2	2	
19	90106-10030-00	BOLT.....	2	2	2	
20	90201-10500-00	WASHER, plate	(550H)	2		
	90201-100A1-00	WASHER, plate	(550J/K)	2	2	



FRONT FORK XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
1	5K5-23102-00-00	FRONT FORK ASS'Y (L.H.)	1	1	1	
2	5K5-23126-01-38	. TUBE, outer 1.....	1	1	1	Clear Buffing
3	4A1-23156-00-00	. CLIP, oil seal	1	1	1	
4	3J2-23145-00-00	. OIL SEAL	1	1	1	
5	5K5-23110-01-00	. INNER TUBE COMP. 1.....	1	1	1	
6	5F8-23170-00-00	. CYLINDER COMP., front fork	1	1	1	
7	1W1-23173-L0-00	. SPINDLE, taper	1	1	1	
8	5K5-23141-01-00	. SPRING, front fork.....	1	1	1	
9	122-23129-00-00	. GASKET, drain plug	1	1	1	
10	509-23158-L0-00	. GASKET.....	1	1	1	
11	3J2-23114-00-00	. O-RING	1	1	1	
12	3Y1-23111-00-00	. BOLT, cap	1	1	1	
13	3Y1-23168-00-00	. CAP, front fork	1	1	1	
14	3J2-23183-00-00	. CIRCLIP.....	1	1	1	
15	122-23119-01-00	. PLUG, drain.....	1	1	1	
16	278-23181-50-00	. BOLT, hexagon socket head	1	1	1	
17	3J2-23144-00-00	. SEAL, dust.....	1	1	1	
18	5K5-23103-00-00	FRONT FORK ASS'Y (R.H.)	1	1	1	
19	5K5-23136-01-38	. TUBE, outer 2.....	1	1	1	Clear Buffing
20	4A1-23156-00-00	. CLIP, oil seal	1	1	1	



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XJ550H/J

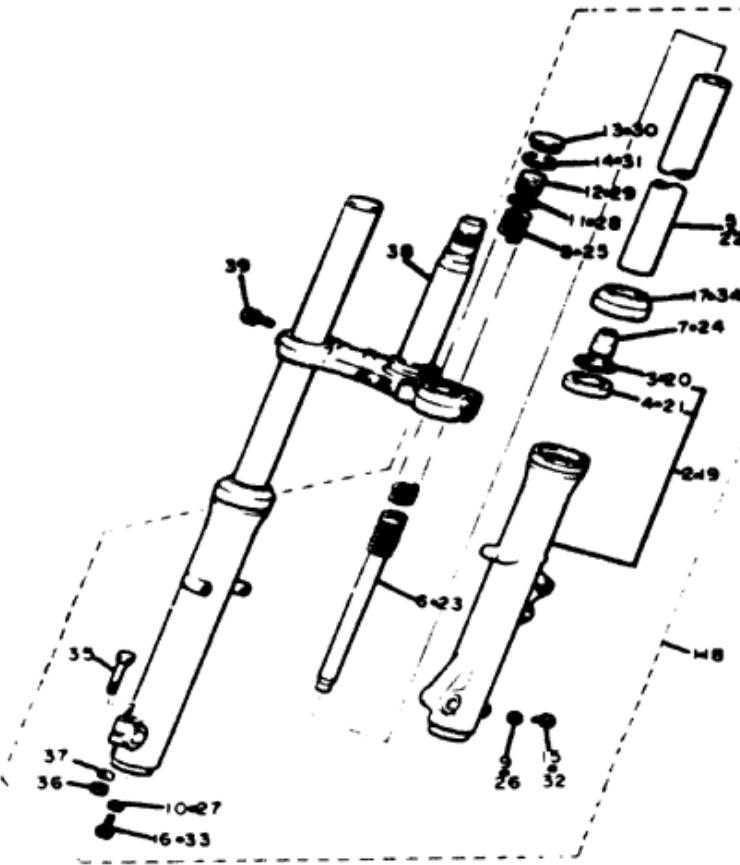
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / Ø : 272cc ± 4.0cc
Gas Pressure	Ø
Spring Length Std	587mm

XJ550K

Oil Type / Level / Qty	10 Wt. Fork Oil* / Ø : 272cc
Gas Pressure Min ~ Max / Standard	Ø
Spring Length Std	587mm

FRONT FORK XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
21	3J2-23145-00-00	OIL SEAL	1	1	1	
22	5K5-23110-01-00	INNER TUBE COMP. 1	1	1	1	
23	5F8-23170-00-00	CYLINDER COMP., front fork	1	1	1	
24	1W1-23173-L0-00	SPINDLE, taper	1	1	1	
25	5K5-23141-01-00	SPRING, front fork.....	1	1	1	
26	122-23129-00-00	GASKET, drain plug.....	1	1	1	
27	509-23158-L0-00	GASKET.....	1	1	1	
28	3J2-23114-00-00	O-RING	1	1	1	
29	3Y1-23111-00-00	BOLT, cap	1	1	1	
30	3Y1-23168-00-00	CAP, front fork	1	1	1	
31	3J2-23183-00-00	CIRCLIP.....	1	1	1	
32	122-23119-01-00	PLUG, drain.....	1	1	1	
33	278-23181-50-00	BOLT, hexagon socket head	1	1	1	
34	3J2-23144-00-00	SEAT, dust	1	1	1	
35	97321-08045-00	BOLT	1	1	1	
36	95311-08600-00	NUT	1	1	1	
37	92903-08100-00	WASHER, spring (92901-08100)	1	1	1	
38	5K5-23340-01-33	UNDERBRACKET COMP.	1	1	1	Yamaha Blk
39	90119-08012-00	BOLT, with washer	4	4	4	



SK5110 1261

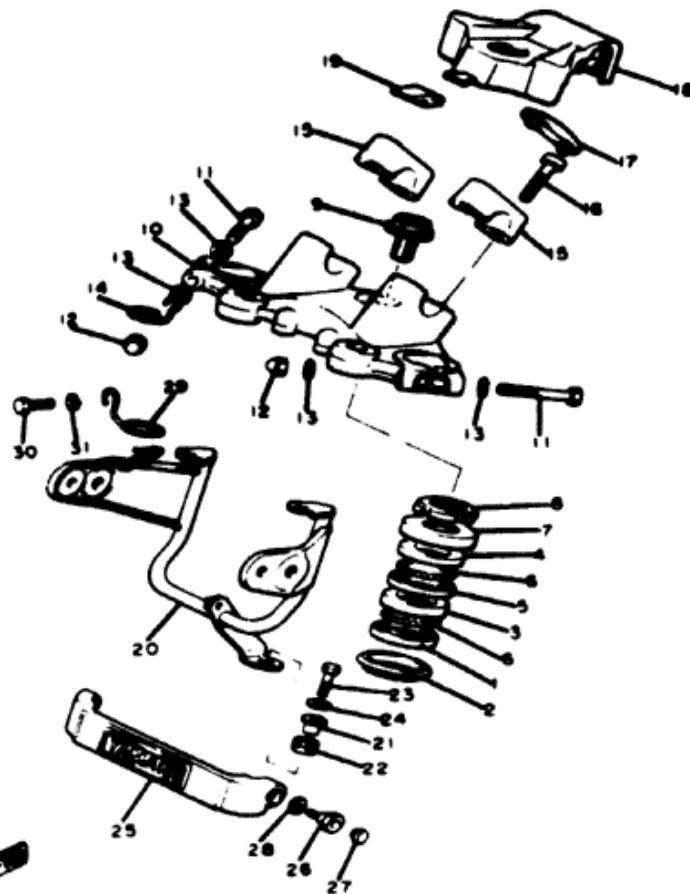
XJ550H/J

Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / S / 272cc ± 4.0cc
Gas Pressure	Ø
Spring Length Std	587mm

XJ550K

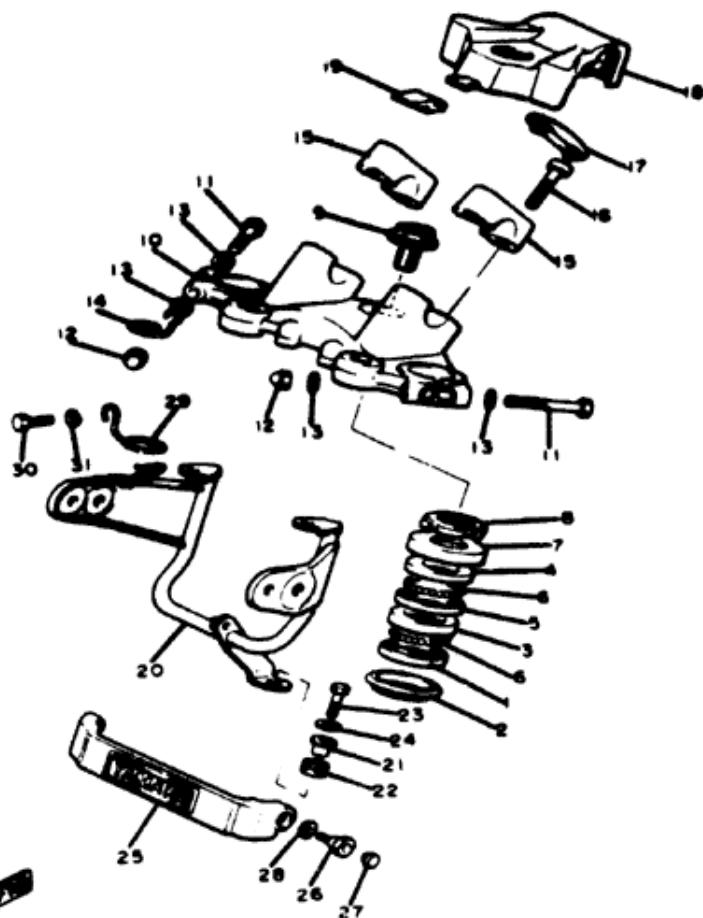
Oil Type / Level / Qty	10 Wt. Fork Oil* / S / 272cc
Gas Pressure Min ~ Max / Standard	Ø
Spring Length Std	587mm

STEERING XJ550H/J/K



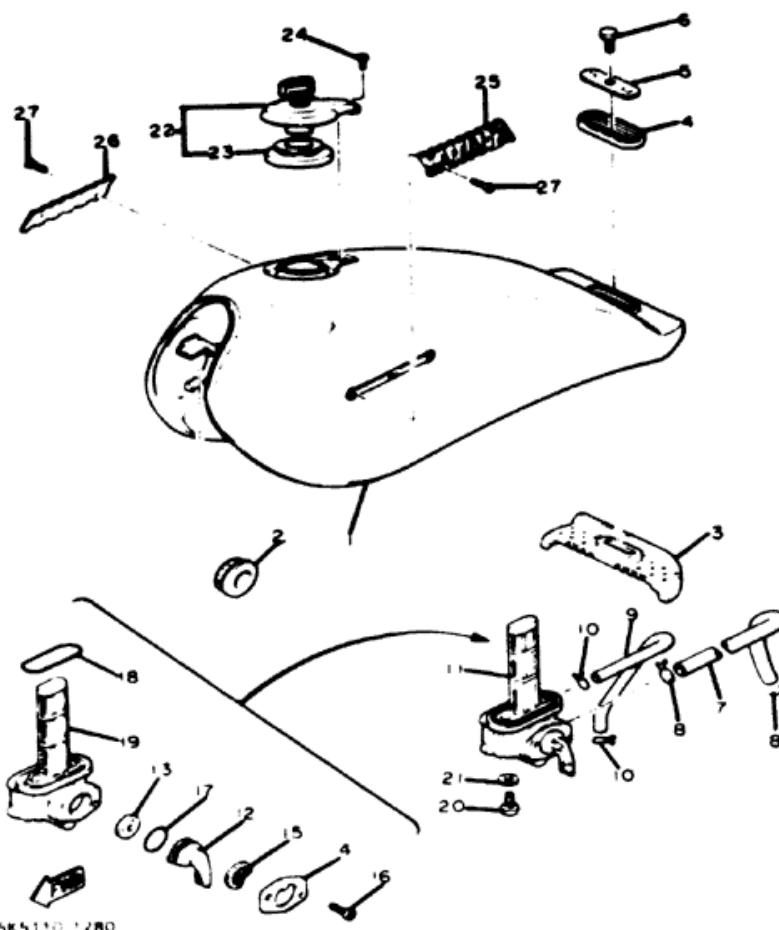
Ref. No.	Part Number	Description	H	J	K	Remarks
1	156-23411-00-00	RACE, ball 1.....	1	1	1	
2	164-23462-00-00	SEAL steering.....	1	1	1	
3	156-23412-00-00	RACE, ball 2.....	1	1	1	
4	183-23411-00-00	RACE, ball 1.....	1	1	1	
5	183-23412-00-00	RACE, ball 2.....	1	1	1	
6	93501-04011-00	BALL	38	38	38	
7	4K0-23415-00-00	COVER, ball race 1	1	1	1	
8	4H3-23454-00-00	NUT, fitting 2.....	1	1	1	
9	90105-14137-00	BOLT, washer based.....	1			(550H)
	90105-14102-00	BOLT, washer based.....		1	1	(550J/K)
10	5K5-23435-00-38	CROWN, handle	1	1	1	Clear Buffing
11	97313-08055-00	BOLT.....	2	2	2	
12	95303-08800-00	NUT, crown	2	2	2	
13	92901-08600-00	WASHER, plate	4	4	4	
14	4H7-23317-00-00	HOLDER, cable	1	1	1	
15	4H7-23441-00-38	HOLDER, handle upper.....	2	2	2	Clear Buffing
16	91316-08030-00	BOLT.....	4	4	4	
17	5K5-23469-00-00	CAP, bolt	2	2	2	
18	5K5-26213-00-00	COVER, upper	1	1	1	
19	5K5-23497-00-00	GROMMET.....	1	1	1	

STEERING XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
20	5K5-23174-00-00	STAY, headlight.....	1	1	1	
21	90387-065A6-00	COLLAR	1	1	1	
22	90480-14101-00	GROMMET.....	1	1	1	
23	97306-06025-00	BOLT.....	1	1	1	
24	92906-06600-00	WASHER, plate.....	1	1	1	
25	4G0-23122-00-00	COVER, outer 1	1	1	1	
26	90109-06583-00	BOLT.....	2	2	2	
27	90338-24115-00	PLUG.....	2	2	2	
28	92903-10200-00	WASHER, plain (92901-10200)	2	2	2	
29	2G2-23318-00-00	HOLDER, cable 1.....	1	1	1	
30	97301-06012-00	BOLT.....	1	1	1	
31	92903-06100-00	WASHER, spring (92901-06100)	1	1	1	

FUEL TANK XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	5K5-24110-00-6G	FUEL TANK COMP. (550H)	1			U.R. New Yamaha Blk
	5K5-24110-00-7J	FUEL TANK COMP. (550H)	1			U.R. New Ruby Red
	5K5-24110-00-4J	FUEL TANK COMP. (550J)	1			U.R. Black Blue
	5K5-24110-00-6M	FUEL TANK COMP. (550J)	1			U.R. Star Silver
*	5K5-24110-00-2U	FUEL TANK COMP. (550K)	1			U.R. Super Red
	5K5-24110-00-6G	FUEL TANK COMP. (550K)	1			U.R. New Yamaha Blk
2	4H7-24181-00-00	DAMPER, locating 1	2	2	2	
3	4G0-24182-00-00	DAMPER, locating 2	1	1	1	
4	4H7-24183-00-00	DAMPER, locating 3	1	1	1	
5	4H7-24186-00-00	WASHER, special	1	1	1	
6	97302-08012-00	BOLT	1	1	1	
7	4G0-24311-00-00	PIPE, fuel 1	1	1	1	
8	90467-10008-00	CLIP	2	2	2	
9	90445-09531-00	HOSE	1	1	1	
*10	90467-08075-00	CLIP (90467-08003)	2	2	2	
11	4K0-24500-01-00	FUEL COCK ASS'Y 1	1	1	1	
12	4H7-24524-00-00	LEVER, cock	1	1	1	
13	3H3-24523-00-00	VALVE	1	1	1	
14	4H7-24525-00-00	PLATE, lever fitting	1	1	1	
15	3H3-24518-00-00	WASHER, wave	1	1	1	
16	98501-03008-00	SCREW, pan head	2	2	2	
17	3H3-24534-00-00	O-RING	1	1	1	
18	2W6-24512-00-00	O-RING	1	1	1	
19	3Y1-24514-20-00	NET, filter 1	1	1	1	

* Indicates new part numbers activated from March, 1982.

XJ550J

Basic Color(s)	Black Blue (B)	Star Silver (S)
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 13 Lit. / 3.6 Lit.	

XJ550H

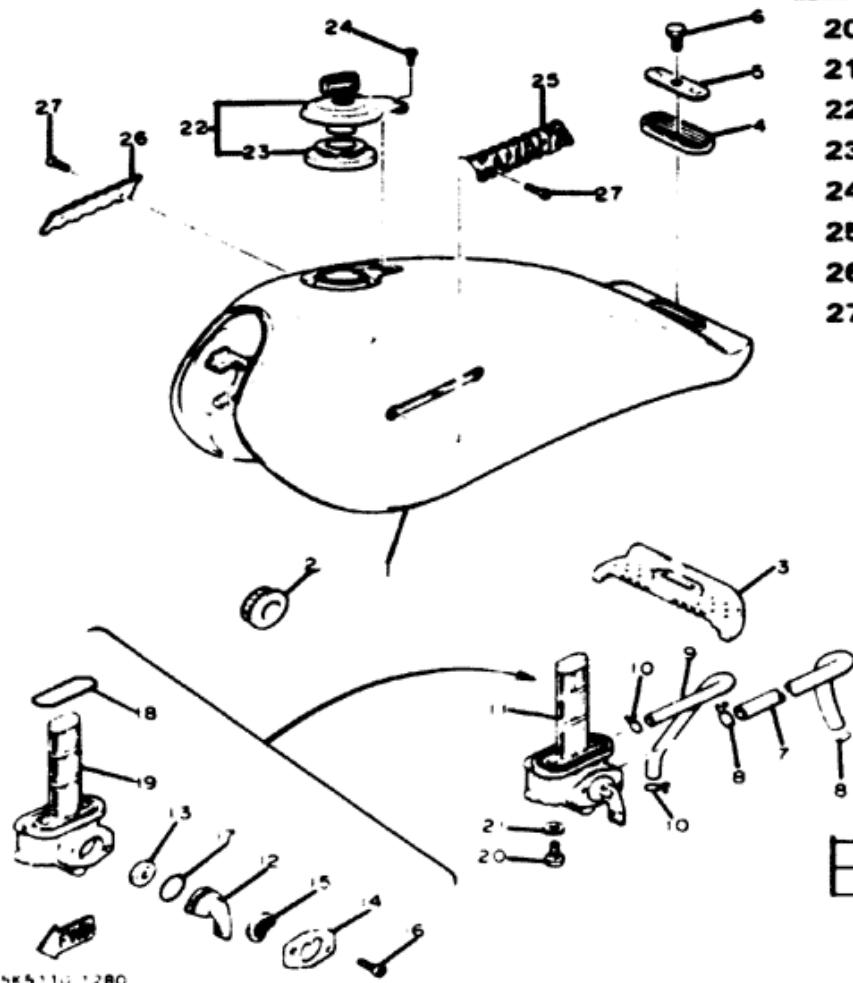
Basic Color(s)	New Yamaha Black (B)	New Ruby Red (R)
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 13 Lit. (3.4 Gal) / 3.6 Lit. (0.9 Gal)	

XJ550K

Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 13 Lit. / 3.6 Lit.
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FUEL TANK XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks
20	90149-06011-00	SCREW.....	2	2	2	
21	90202-06010-00	WASHER, plate	2	2	2	
22	4X7-24602-00-00	CAP ASS'Y.....	1	1	1	
23	4X7-24612-00-00	GASKET, cap	1	1	1	
24	98506-05010-00	SCREW, pan head.....	1	1	1	
25	5K5-24161-00-00	EMBLEM 1.....	1	1	1	
26	5K5-24162-00-00	EMBLEM 2.....	1	1	1	
27	90152-04006-00	SCREW, countersunk	4	4	4	



XJ550H

Basic Color(s)	New Yamaha Black (B)	New Ruby Red (R)
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 13 Lit (3.4 Gal)	3.6 Lit (0.9 Gal)

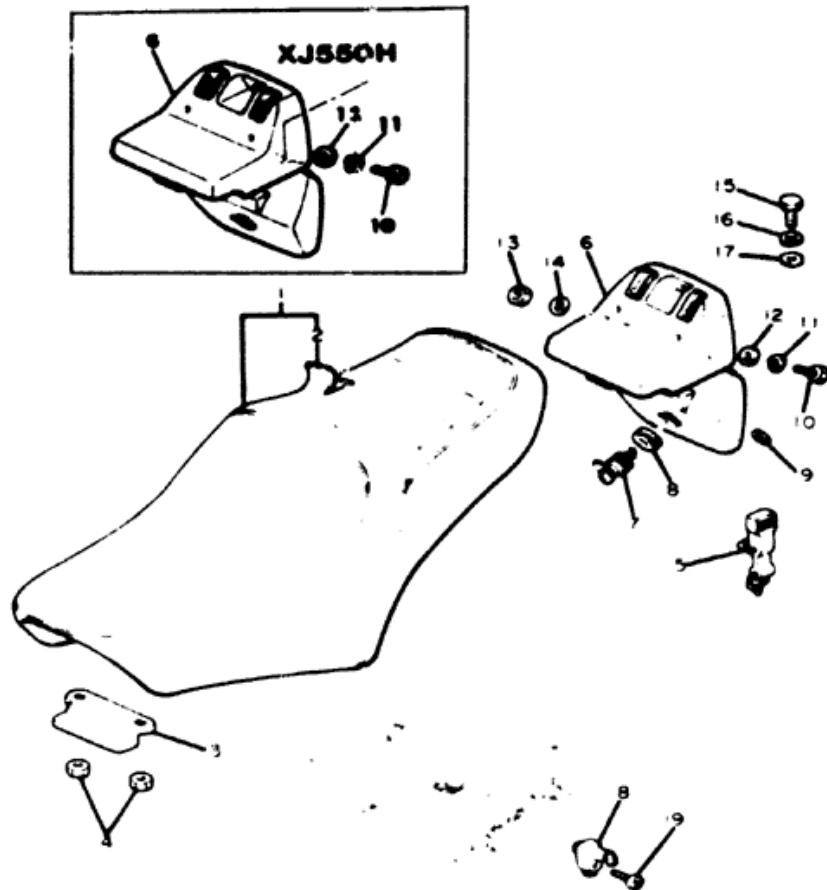
XJ550J

Basic Color(s)	Black Blue (B)	Star Silver (S)
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular	13 Lit / 3.6 Lit

XJ550K

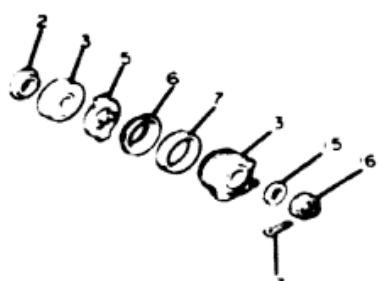
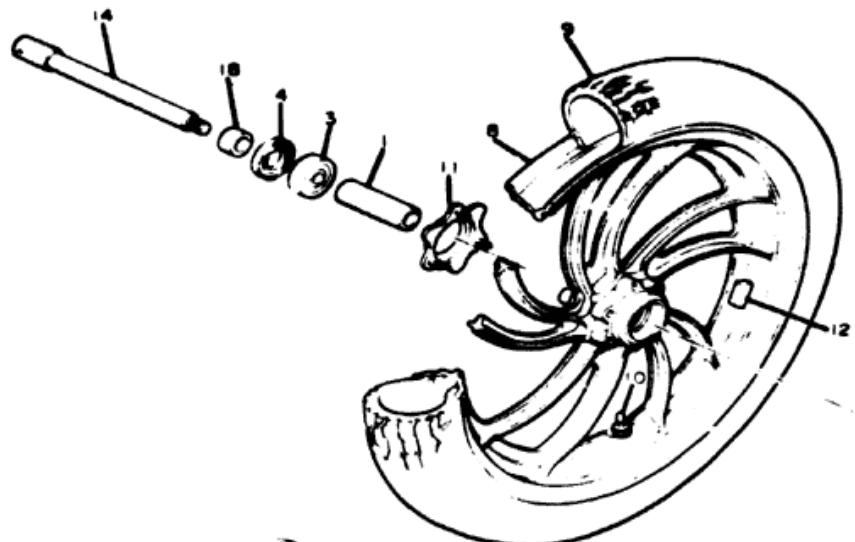
Fuel Type Total Fuel Tank Capacity/Reserve Cap.	Regular / 13 Lit / 3.6 Lit
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SEAT XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	5K5-W2472-00-00	DOUBLE SEAT ASS'Y.....	1	1	1	
2	5K5-24731-00-00	. COVER, double seat.....	1	1	1	
3	2Y0-24748-00-00	BRACKET, seat	1	1	1	
4	3Y6-24735-00-00	SPEED NUT.....	2	2	2	
5	5K5-24798-00-00	HOOK	2	2	2	
6	5K5-2473R-00-00	BOX 1	1	1	1	
7	5A8-21708-00-00	SIDE COVER LOCK ASS'Y.....	1	1	1	
8	90480-24186-00	GROMMET.....	1	1	1	
9	90201-225A4-00	WASHER, plate	(550J/K)	1	1	
10	97301-06020-00	BOLT.....	2	2	2	
11	92903-06100-00	WASHER, spring (92901-06100).....	2	2	2	
12	92901-06600-00	WASHER, plate	2	2	2	
13	95302-06600-00	NUT	(550J/K)	2	2	
14	92903-06200-00	WASHER.....	(550J/K)	2	2	
15	97301-06016-00	BOLT.....	2	2	2	
16	92903-06100-00	WASHER, spring (92901-06100)	2	2	2	
17	90201-06059-00	WASHER, plate	2	2	2	
18	3H1-21308-00-00	HELMET HANGER ASS'Y	1			(550H)
19	4R8-21308-00-00	HELMET HANGER ASS'Y	1	1		(550J/K)
	90149-06150-00	SCREW.....	1	1	1	

FRONT WHEEL XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	90560-15116-00	SPACER	1	1	1	
2	146-25115-00-00	FLANGE, spacer 1.....	1	1	1	
3	93306-30203-00	BEARING (B6302Z).....	2	2	2	
4	93102-22014-00	OIL SEAL	1	1	1	
5	341-25149-00-00	CLUTCH, meter.....	1	1	1	
6	341-25846-00-00	RETAINER, clutch.....	1	1	1	
7	93105-45017-00	OIL SEAL	1	1	1	
8	4H7-25168-20-98	CAST WHEEL, front (1.85-19)	1	1	1	Low Gloss Blk
9	94132-193M3-00	TIRE (3.25-19)(91432-19469)	1	1	1	Bridgestone
10	93900-00001-00	VALVE.....	1	1	1	
11	1U4-25847-00-00	COVER, housing	1	1	1	
12	1A1-25399-00-00	BALANCER, wheel (10G).....	1	1	1	U.N.
	1A1-25398-01-00	BALANCER, wheel (20G).....	1	1	1	U.N.
	2M0-25399-00-00	BALANCER, wheel (30G).....	1	1	1	U.N.
13	4H7-25190-00-00	GEAR UNIT ASS'Y	1	1	1	
14	4H7-25181-01-00	AXLE, wheel (4H7-25181-00)	1	1	1	
15	92901-14200-00	WASHER, plain	1	1	1	
16	90171-14020-00	NUT, castle	1	1	1	
17	91401-30030-00	PIN, cotter	1	1	1	
18	90387-15734-00	COLLAR	1	1	1	

XJ550H

Minimum Brake Lining Thickness	Front 0.8mm	Rear 2.0mm
Tire Size (Nominal Pressure)	F 3.25-H19(1.75 kg/cm ²) 28 mm R 130/90-16 67H(2.00 kg/cm ²) 28 mm	
Front Axle Nut	14 x 1.50 10.7 m·kg (77.4 ft·lb)	
Front Axle Pinch Bolt	8 x 1.25 2.0 m·kg (14.5 ft·lb)	

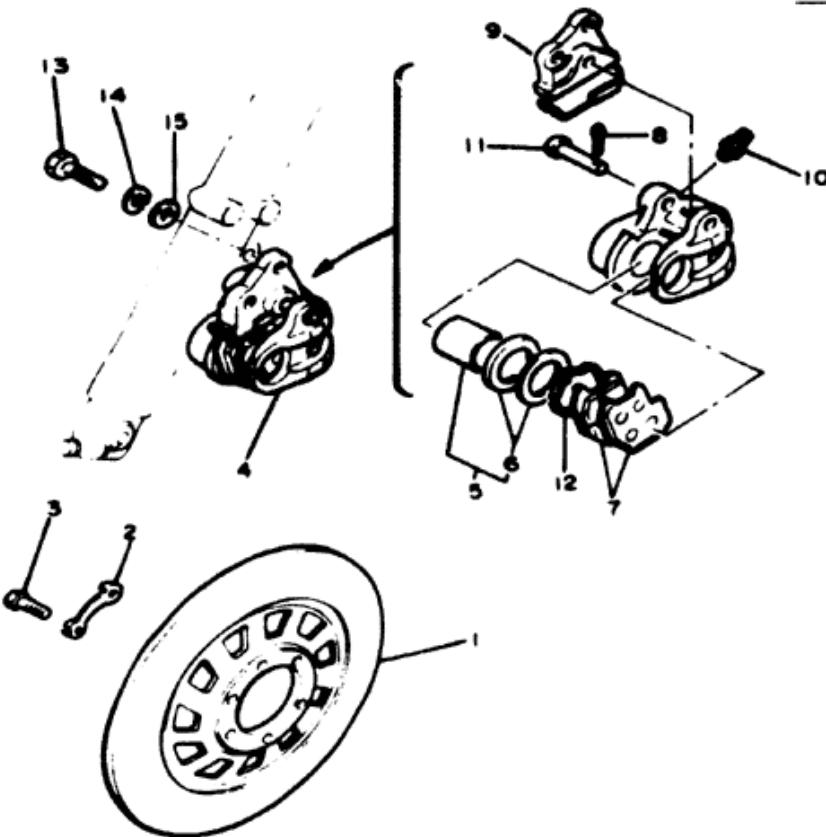
XJ550J

Front Axle Nut	14 x 1.50 10.7 m·kg
Front Axle Pinch Bolt	8 x 1.25 2.0 m·kg
Minimum Brake Lining Thickness	Front 0.8mm
Tire Size (Nominal Pressure)	R 130/90-16 67H(2.00 kg/cm ²)

XJ550K

Front Axle Nut	M14 10.7 m·kg
Front Axle Holder Nut	M8 2.0 m·kg
Minimum Brake Lining Thickness	Front 0.8mm
Tire Size (Nominal Pressure)	Front / Rear 3.25H19 (1.8 kg/cm ²) / 130/90H16 (2.0 kg/cm ²)

FRONT BRAKE CALIPER XJ550H



Ref. No.	Part Number	Description	XJ550H	Remarks
1	5K5-25831-10-00	DISC, brake	1	
2	1J3-25834-01-00	WASHER, lock.....	3	
3	90101-08312-00	BOLT.....	6	
4	4L3-25810-30-00	CALIPER ASS'Y.....	1	
5	4W1-W0057-00-00	PISTON ASS'Y, caliper	1	
6	4L0-W0047-01-00	. CALIPER SEAL KIT.....	1	
7	4W1-W0045-30-00	. BRAKE PAD KIT, front.....	1	
8	91490-20015-00	. PIN, cotter.....	1	

XJ550H

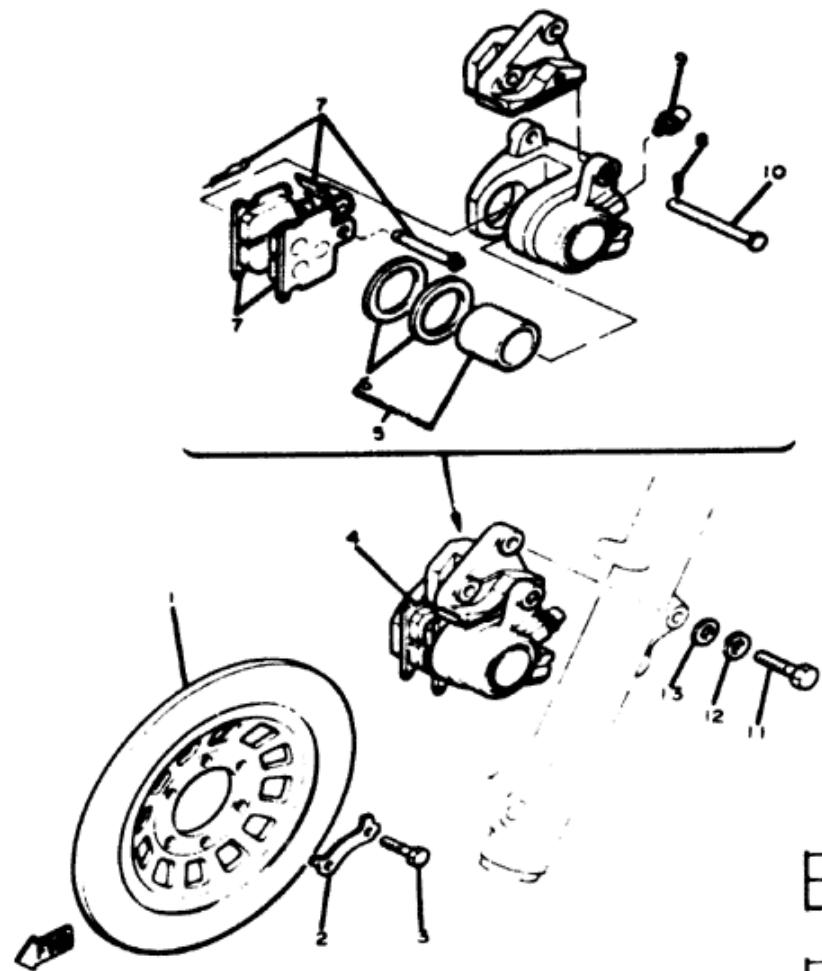
9	4L0-25913-11-00	. RETAINER.....	1
10	1J3-W0048-00-00	. BREED SCREW KIT.....	1
11	4W1-25914-00-00	. PIN, slide.....	1
12	4W1-25828-50-00	. SHIM, caliper	1
13	90101-10308-00	BOLT.....	2
14	92903-10100-00	WASHER, spring (92901-10100).....	2
15	92903-10200-00	WASHER, plate (92901-10200)	2

XJ550H

XJ550H

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F 125/H18 (1.75 kg/cm ² /25 psi)	R 130/90-18 67H (2.00 kg/cm ² /25 psi)

FRONT BRAKE CALIPER XJ550J/K



Ref. No.	Part Number	Description	XJ550J/K	Remarks
1	5K5-25831-10-00	DISC, brake	1	1
2	1J3-25834-01-00	WASHER, lock.....	3	3
3	90101-08312-00	BOLT.....	6	6
4	4L3-25810-30-00	CALIPER ASS'Y.....	1	1
5	4W1-W0057-00-00	PISTON ASS'Y, caliper	1	1
6	4L0-W0047-01-00	.. CALIPER SEAL KIT.....	1	1

XJ550J/K

7	4W1-W0045-30-00	BRAKE PAD KIT, front.....	1	1
8	91490-20015-00	. PIN.....	1	1
9	1J3-W0048-00-00	. BREED SCREW KIT.....	1	1
10	4W1-25914-00-00	. PIN, slide.....	1	1
11	90101-10308-00	BOLT.....	2	2
12	92903-10100-00	WASHER, spring (92901-10100)	2	2
13	92903-10200-00	WASHER, plain (92901-10200)	2	2

XJ550J/K

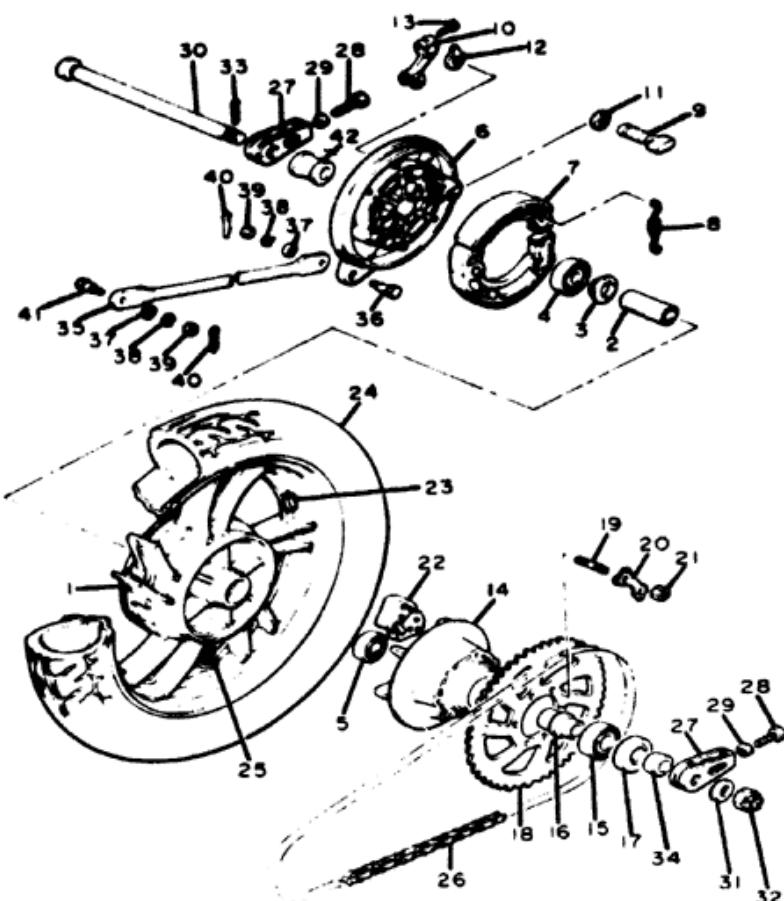
XJ550J

Minimum Brake Lining Thickness	Front: 0.8mm	Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19(1.75 kg/cm ²)	R:130/90-16 67H(2.00 kg/cm ²)

XJ550K

Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.25H19 (1.8 kg/cm ²) / 130/90H16 (2.0 kg/cm ²)

REAR WHEEL XJ550H/J/K



5K5110 2320

Ref. No.	Part Number	Description	H	J	K	Remarks
1	5K5-25338-20-00	CAST WHEEL, rear	1	1	1	
2	90560-17204-00	SPACER	1	1	1	
3	148-25315-00-00	FLANGE, spacer	1	1	1	
4	93306-30306-00	BEARING (B6303)	1	1	1	
5	93306-20310-00	BEARING (B6203RS)	1	1	1	
6	4H7-25321-00-00	PLATE, brake shoe	1	1	1	
7	4H7-25330-01-00	BRAKE SHOE COMP.....	2	2	2	
8	90507-20002-00	SPRING, tension	2	2	2	
9	4H7-25351-00-00	CAMSHAFT	1	1	1	
10	371-25355-02-00	LEVER, camshaft	1	1	1	
11	90201-14577-00	WASHER, plate	1	1	1	
12	4H7-2533A-02-00	PLATE, indicator	1	1	1	
13	90101-06291-00	BOLT	1	1	1	
14	4G0-25366-00-00	CLUTCH, hub	1	1	1	
15	93306-30423-00	BEARING	1	1	1	
16	90387-176A0-00	COLLAR	1	1	1	
17	93102-30072-00	OIL SEAL	1	1	1	
18	5K5-25445-20-33	SPROCKET, driven (45T)	1	1	1	Yamaha Blk
19	90116-10348-00	BOLT, stud	6	6	6	
20	4G0-25412-00-00	WASHER	3	3	3	
21	90170-10219-00	NUT	6	6	6	
22	4G0-25364-00-00	DAMPER	6	6	6	
23	1A1-25399-00-00	BALANCER, wheel (10G)	1	1	1	U.N.
	1A1-25398-01-00	BALANCER, wheel (20G)	1	1	1	U.N.
	2M0-25399-00-00	BALANCER, wheel (30G)	1	1	1	U.N.

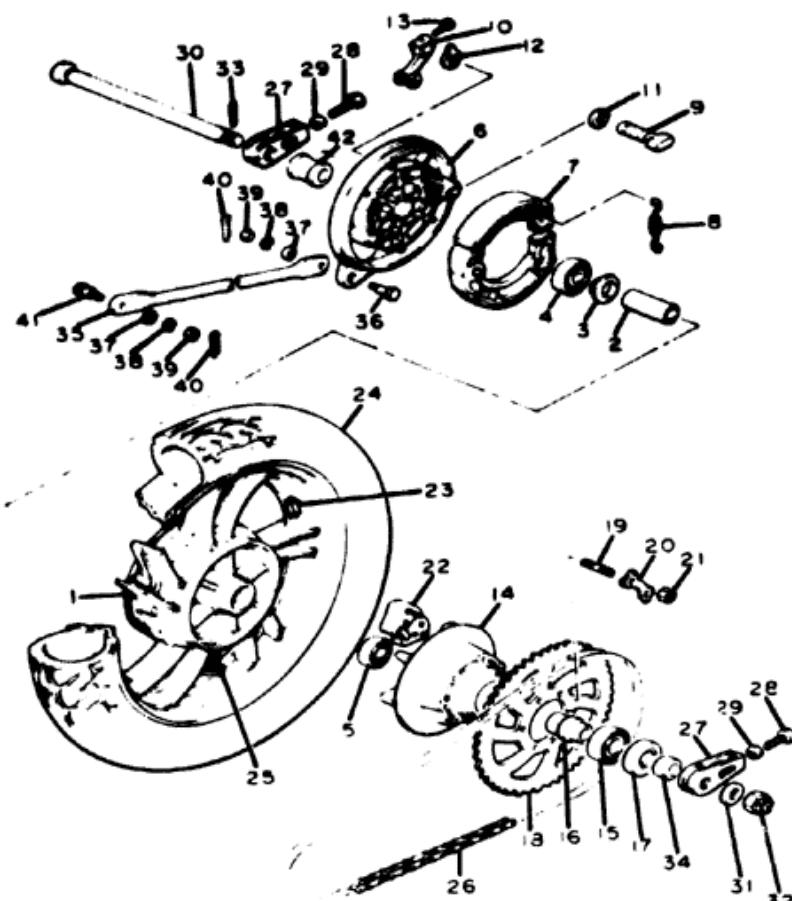
XJ550H

Rear Axle Nut	14 x 1.50: 10.7 m·kg (77.4 ft·lb)
Rear Axle Holder Nut	14 x 1.50: 10.7 m·kg (77.4 ft·lb)
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm
Tire Size (Nominal Pressure)	F:1.25-H19(1.75 kg/cm ² /25 psi) R:130/90-16 67H(2.00 kg/cm ² /25 psi)

XJ550J

Rear Axle Nut	14 x 1.50 10.7 m·kg
Rear Axle Holder Nut	14 x 1.50 10.7 m·kg
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm
Tire Size (Nominal Pressure)	F:1.25-H19(1.75 kg/cm ²) R:130/90-16 67H(2.00 kg/cm ²)

REAR WHEEL XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
24	94113-16446-00	TIRE	1	1	1	Bridgestone
25	93900-00001-00	VALVE (16024-101)	1	1	1	Bridgestone
26	94580-28104-00	CHAIN (DID50HDSS-104L).....	1	1	1	
27	4G0-25389-00-00	PULLER, chain 2	2	2	2	
28	90101-08034-00	BOLT.....	2	2	2	
29	95301-08700-00	NUT.....	2	2	2	
30	4G0-25381-00-00	AXLE, wheel.....	1	1	1	
31	92901-14200-00	WASHER, plain	1	1	1	
32	90171-14031-00	NUT, castle	1	1	1	
33	91401-30030-00	PIN, cotter	1	1	1	
34	90387-175A9-00	COLLAR	1	1	1	
35	4G0-25371-00-00	BAR, tension	1	1	1	
36	90109-08406-00	BOLT.....	1	1	1	
37	92901-08600-00	WASHER, plate	2	2	2	
38	92903-08100-00	WASHER, spring (92901-08100).....	2	2	2	
39	95301-08700-00	NUT.....	2	2	2	
40	91401-20015-00	PIN, cotter (91401-20012).....	2	2	2	
41	90109-08368-00	BOLT.....	1	1	1	
42	90387-172E4-00	COLLAR	1	1	1	

XJ550H

Rear Axle Nut	14 x 1.50: 10.7 m-kg (77.4 ft-lb)
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg (77.4 ft-lb)
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19(1.75 kg/cm ² /25 psi) R:130/90-16 67H(2.00 kg/cm ² /25 psi)

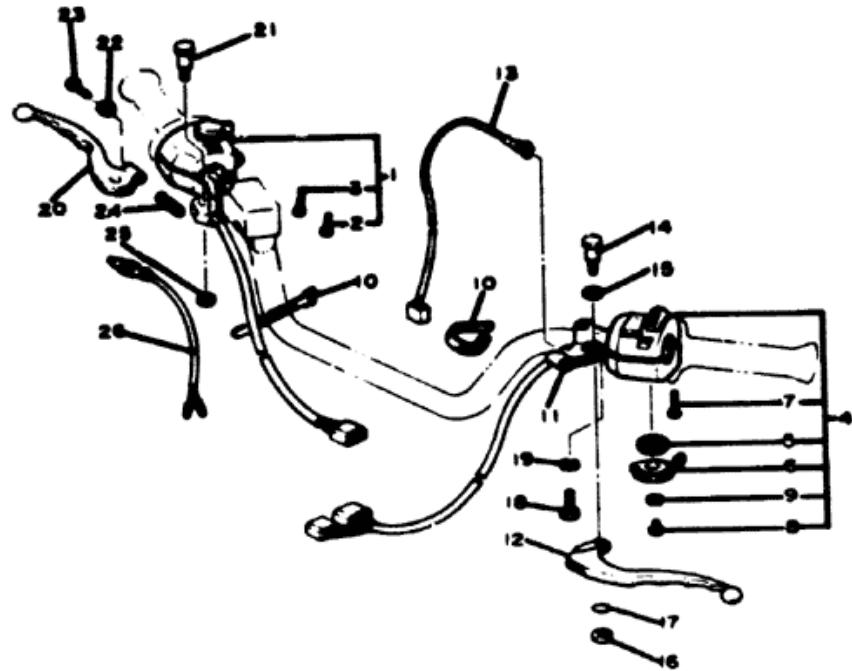
XJ550J

Rear Axle Nut	14 x 1.50: 10.7 m-kg
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm
Tire Size (Nominal Pressure)	F:3.25H19(1.75 kg/cm ²) R:130/90-16 67H(2.00 kg/cm ²)

XJ550K

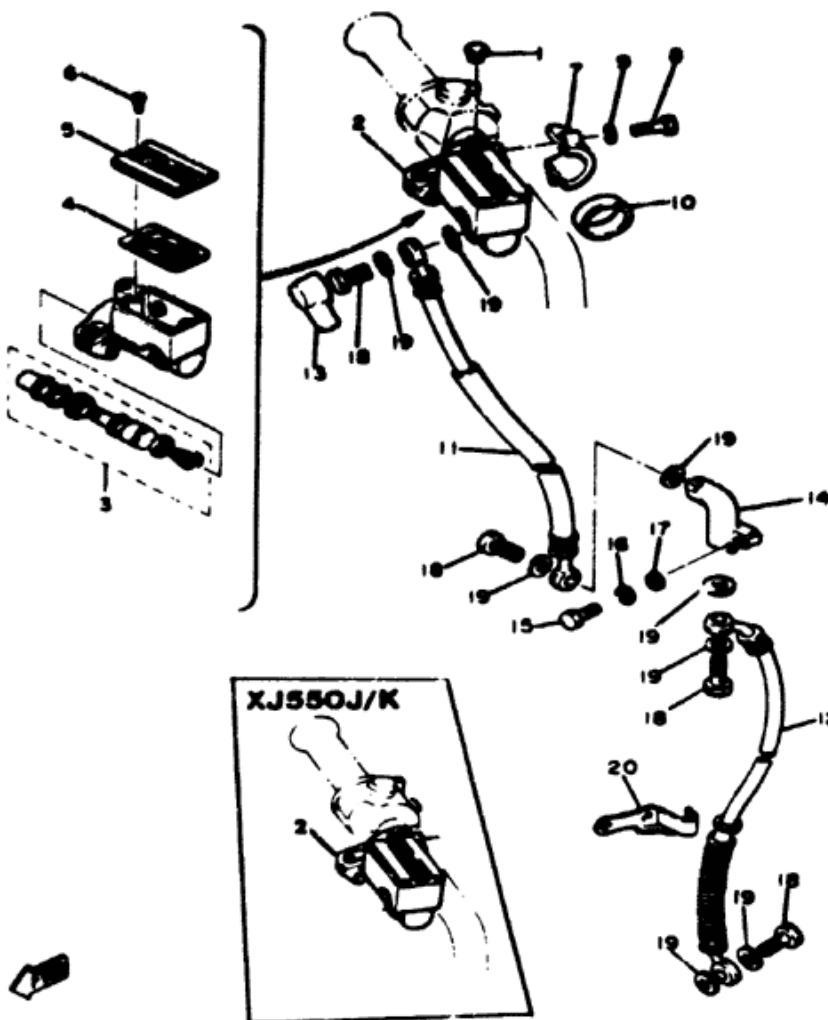
Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.25H19 (1.8 kg/cm ²) / 130/90H16 (2.0 kg/cm ²)
Rear Axle Nut	M14: 10.7 m-kg

HANDLE SWITCH - LEVER XJ550H/J/K



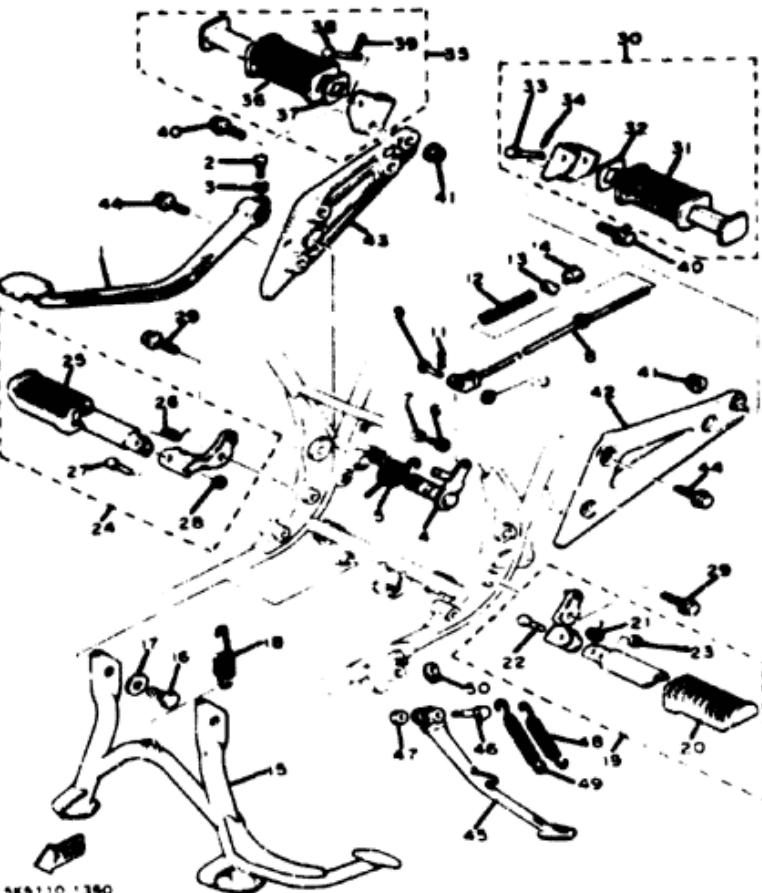
Ref. No.	Part Number	Description	H	J	K	Remarks
1	2H7-83975-01-00	SWITCH, handle 2.....	1	1	1	
2	98506-05030-00	. SCREW, pan head	1	1	1	
3	98506-05040-00	. SCREW, pan head	1	1	1	
4	4UB-83973-01-00	SWITCH, handle 3.....	1	1	1	
5	90209-10131-00	. WASHER.....	1	1	1	
6	4H7-83941-00-00	. LEVER, starter	1	1	1	
7	98506-05030-00	. SCREW, pan head	2	2	2	
8	92506-06008-00	. SCREW, pan head	1	1	1	
9	92903-06200-00	. WASHER, plain (92901-06200).....	1	1	1	
10	437-83936-00-00	BAND, switch cord	4	4	4	
11	4K0-82911-00-00	HOLDER, lever 1	1	1	1	
12	2H0-83912-20-00	LEVER 1 (2H7-83912-00)ic.	1	1	1	
13	3Y6-82917-00-00	SWITCH	1	1	1	
14	2H7-83945-00-00	BOLT, lever.....	1	1	1	
15	90201-08083-00	WASHER, plate.....	1	1	1	
16	95601-06100-00	NUT, U	1	1	1	
17	93210-11368-00	O-RING.....	1	1	1	
18	97306-06022-00	BOLT.....	1	1	1	
19	92906-06100-00	WASHER, spring	1	1	1	
20	2H7-83922-00-00	LEVER 2	1	1	1	
21	90109-06465-00	BOLT.....	1	1	1	
22	90170-06010-00	NUT.....	1	1	1	
23	90149-06131-00	SCREW.....	1	1	1	
24	90501-10312-00	SPRING, compression	1	1	1	
25	95601-06100-00	NUT, U	1	1	1	
26	1A0-83980-30-00	FRONT STOP SWITCH ASS'Y	1	1	1	

FRONT MASTER CYLINDER XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	90338-09012-00	PLUG				(550J) 1
2	4L0-25850-02-00	MASTER CYLINDER ASS'Y (4L0-25850-01)	1	1	1	
3	4L0-W0041-00-00	CYLINDER KIT, master.....	1	1	1	
4	4L0-25854-00-00	DIAPHRAGM, reservoir.....	1	1	1	
5	4L0-25852-00-00	CAP, reservoir.....	1	1	1	
6	98706-04010-00	SCREW, flat head.....(550H/J)	2	2		
	98706-04012-00	SCREW, flat head.....(550K)			2	
7	4L0-25867-00-00	BRACKET, master cylinder.....	1	1	1	
8	97326-06025-00	BOLT.....	2	2	2	
9	92906-06100-00	WASHER, spring.....	2	2	2	
10	90387-22660-00	COLLAR	1	1	1	
11	5K5-25872-00-00	HOSE, brake 1.....	1	1	1	
12	5K5-25873-00-00	HOSE, brake 2.....	1	1	1	
13	4L0-25862-00-00	BOOT, master cylinder	1	1	1	
14	1J7-25885-01-00	JOINT	1	1	1	
15	97301-06025-00	BOLT.....	1	1	1	
16	92903-06100-00	WASHER, spring (92901-06100).....	1	1	1	
17	92901-06600-00	WASHER, plate.....	1	1	1	
18	90401-10034-00	BOLT, union	4	4	4	
19	90201-10118-00	WASHER, plate	8	8	8	
20	1J3-25876-02-00	HOLDER, brake hose 2.....	1	1	1	

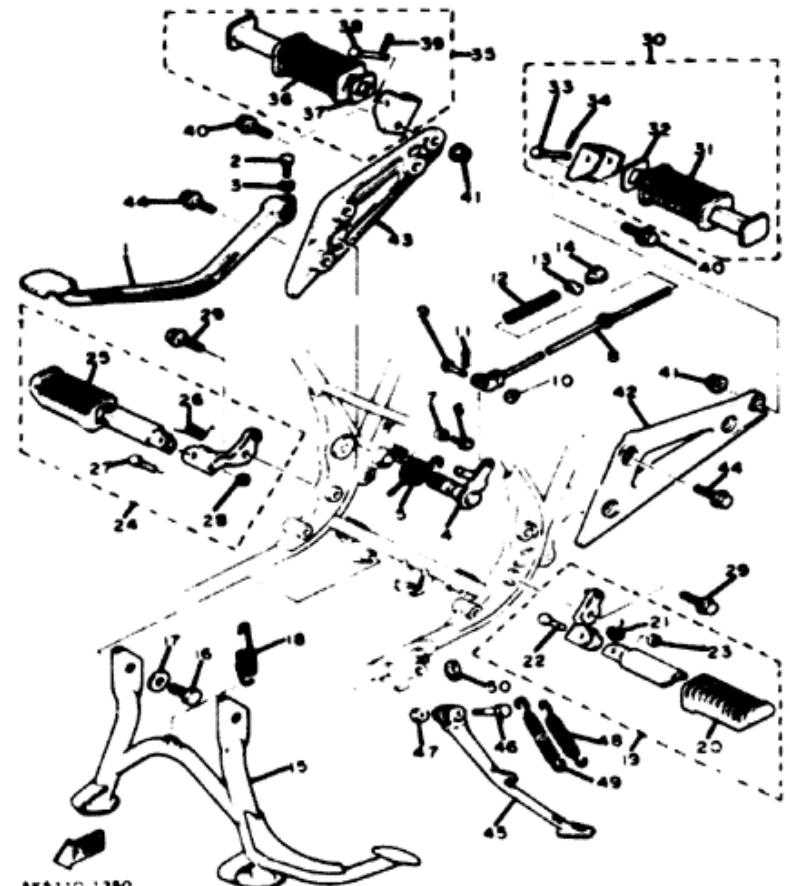
STAND - FOOTREST XJ550H/J/K



SK5110-1360

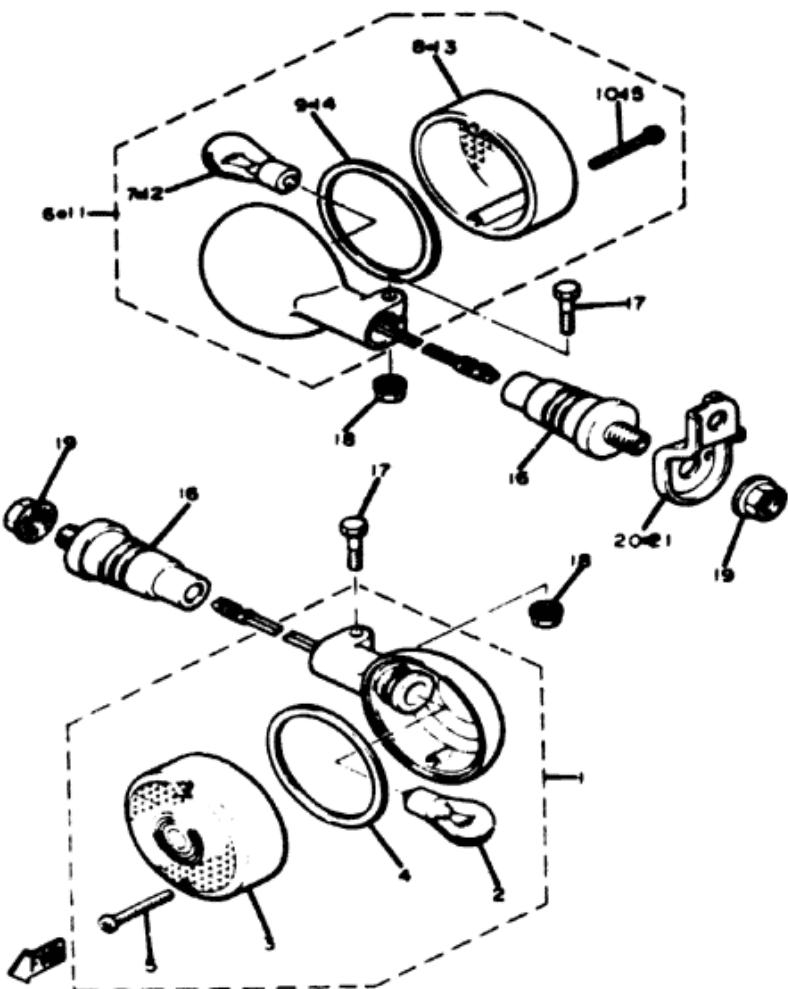
Ref. No.	Part Number	Description	H	J	K	Remarks
1	4G0-27211-00-00	PEDAL, brake.....	1	1	1	
2	90109-06468-00	BOLT.....	1	1	1	
3	92903-06100-00	WASHER, spring (92901-06100).....	1	1	1	
4	4G0-27212-00-00	SHAFT, brake pedal	1	1	1	
5	90508-40364-00	SPRING, torsion	1	1	1	
6	90153-06008-00	SCREW, hexagon	1	1	1	
7	90170-06184-00	NUT.....	1	1	1	
8	4V8-27231-00-00	ROD, brake.....	1	1	1	
9	90240-06040-00	PIN, clevis	1	1	1	
10	92903-06200-00	WASHER, plain (92901-06200)	1	1	1	
11	91401-20015-00	PIN, cotter (91401-20012).....	1	1	1	
12	90501-10245-00	SPRING, compression	1	1	1	
13	90249-12008-00	PIN	1	1	1	
14	90179-06176-00	NUT.....	1	1	1	
15	4G0-27111-00-R4	STAND, main.....	1	1	1	Black
16	97302-10016-00	BOLT.....	2	2	2	
17	90201-10752-00	WASHER, plate	2	2	2	
18	90506-40251-00	SPRING, tension.....	1	1	1	
19	4G0-27410-00-R4	FRONT FOOTREST ASS'Y (L.H.)	1	1	1	Black
20	1J7-27413-01-00	. COVER, footrest.....	1	1	1	
21	90508-20023-00	. SPRING, torsion.....	1	1	1	
22	90243-08006-00	. PIN.....	1	1	1	
23	90201-06042-00	. WASHER, plate	1	1	1	
24	4G0-27420-00-R4	FRONT FOOTREST ASS'Y (R.H.)	1	1	1	Black
25	1J7-27413-01-00	. COVER, footrest.....	1	1	1	

STAND - FOOTREST XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
26	90508-20023-00	SPRING, torsion.....	1	1	1	
27	90243-08006-00	PIN.....	1	1	1	
28	90201-06042-00	WASHER, plate	1	1	1	
29	95821-12030-00	BOLT, flange.....	2	2	2	
30	4G0-27430-00-00	REAR FOOTREST ASS'Y 1	1	1	1	
31	447-27433-00-00	COVER, rear footrest.....	1	1	1	
32	90209-18070-00	WASHER.....	1	1	1	
33	90240-06042-00	PIN, clevis.....	1	1	1	
34	91401-16015-00	PIN, cotter (91401-16012)	1	1	1	
35	4G0-27440-00-00	REAR FOOTREST ASS'Y 2	1	1	1	
36	447-27433-00-00	COVER, rear footrest.....	1	1	1	
37	90209-18070-00	WASHER.....	1	1	1	
38	90240-06042-00	PIN, clevis.....	1	1	1	
39	91401-16015-00	PIN, cotter (91401-16012)	1	1	1	
40	95801-10030-00	BOLT, flange.....	2	2	2	
41	95701-10100-00	NUT, flange	2	2	2	
42	4G0-27442-00-00	BRACKET 2	1	1	1	
43	4G0-27443-00-00	BRACKET 3	1	1	1	
44	95821-10030-00	BOLT, flange.....	4	4	4	
45	4G0-27311-00-R4	STAND, side.....	1	1	1	
46	90109-10590-00	BOLT.....	1	1	1	
47	95301-10700-00	NUT.....	1	1	1	
48	90506-18224-00	SPRING, tension.....	1	1	1	
49	90506-26225-00	SPRING, tension.....	1	1	1	
50	4U8-27315-00-00	LINK, side stand	1	1	1	Black

FLASHER LIGHT XJ550H/J/K



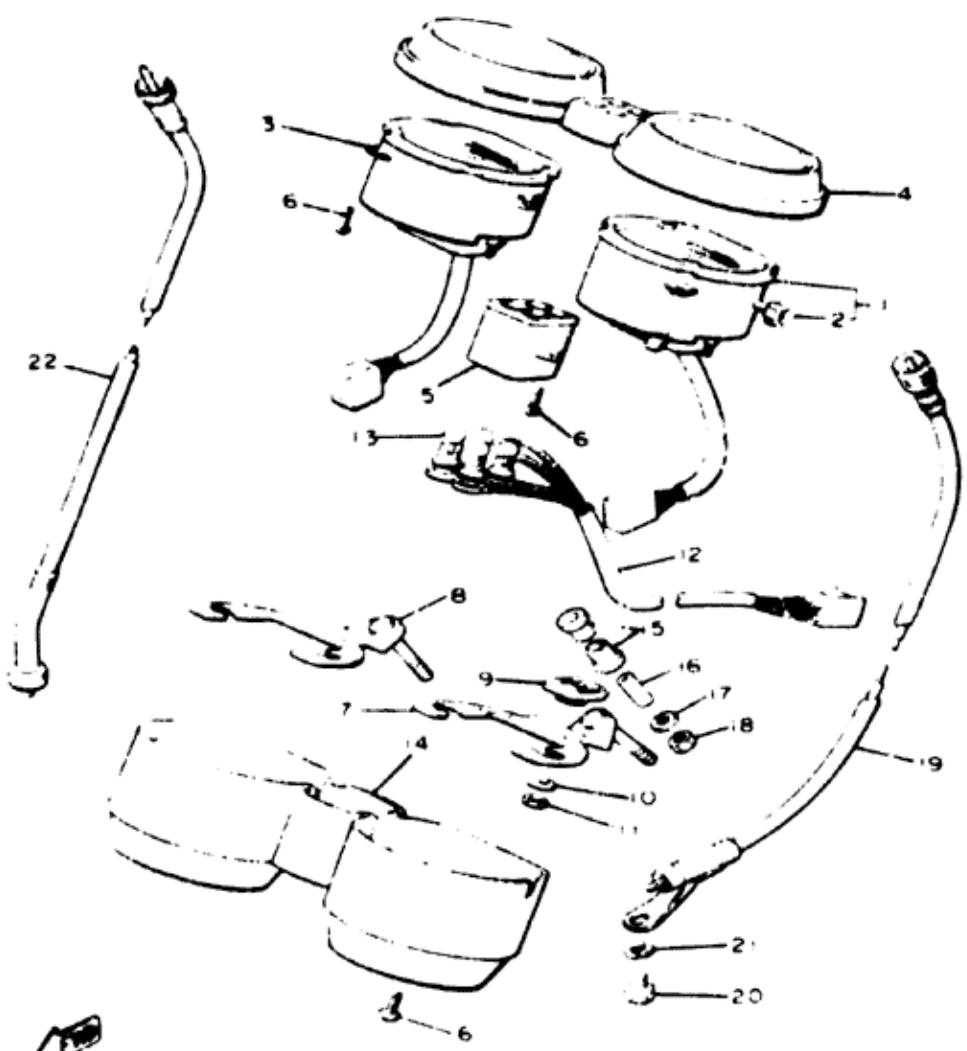
Ref. No.	Part Number	Description	H	J	K	Remarks
1	5H1-83330-K0-00	FRONT FLASHER LIGHT ASS'Y 1 (4X7-83310-K0)	2	2	2	
2	256-83311-70-00	. BULB (12V-27W)	1	1	1	
3	4H7-83312-00-00	. LENS, flasher	1	1	1	
4	4H7-83313-00-00	. GASKET, flasher lens	1	1	1	
5	98501-03030-00	. SCREW, pan head	2	2	2	
6	5K5-83330-K0-00	REAR FLASHER LIGHT ASS'Y 1	1	1	1	
7	256-83311-70-00	. BULB (12V-27W)	1	1	1	
8	4H7-83312-00-00	. LENS, flasher	1	1	1	
9	4H7-83313-00-00	. GASKET, flasher lens	1	1	1	
10	98502-03030-00	. SCREW, pan head	2	2	2	
11	5K5-83340-K0-00	REAR FLASHER LIGHT ASS'Y	1	1	1	
12	256-83311-70-00	. BULB (12V-27W)	1	1	1	
13	4H7-83312-00-00	. LENS, flasher	1	1	1	
14	4H7-83313-00-00	. GASKET, flasher lens	1	1	1	
15	98502-03030-00	. SCREW, pan head	2	2	2	
16	5K5-83318-00-00	STAY, flasher 1	4	4	4	
17	97301-06030-00	BOLT (97301-06030)	4	4	4	
18	95701-06100-00	NUT, flange	4	4	4	
19	95701-12100-00	NUT, flange	4	4	4	
20	5K5-83368-00-00	STAY, flasher	1	1	1	
21	5K5-83369-00-00	STAY, flasher	1	1	1	

XJ550H/J/K

Headlight Tailight Signal Rating

12V50-40W 12V27-8W 12V27W

METER XJ550H



Ref. No.	Part Number	Description	XJ550H
1	5K5-83570-A0-00	SPEEDOMETER ASS'Y	1
2	4U8-83578-00-00	KNOB, trip meter	1
3	5K5-83540-00-00	TACHOMETER ASS'Y	1
4	4H7-83559-A0-00	COVER, meter	1
5	4H7-83587-00-00	BODY, pilot light	1
6	4H7-83616-00-00	SCREW, tapping	10
7	5K5-83519-00-00	BRACKET, meter	1
8	5K5-83545-00-00	BRACKET, tachometer	1
9	4H7-83523-00-00	DAMPER	4
10	1E6-83524-60-00	WASHER, special	4
11	95301-05600-00	NUT.	4

XJ550H

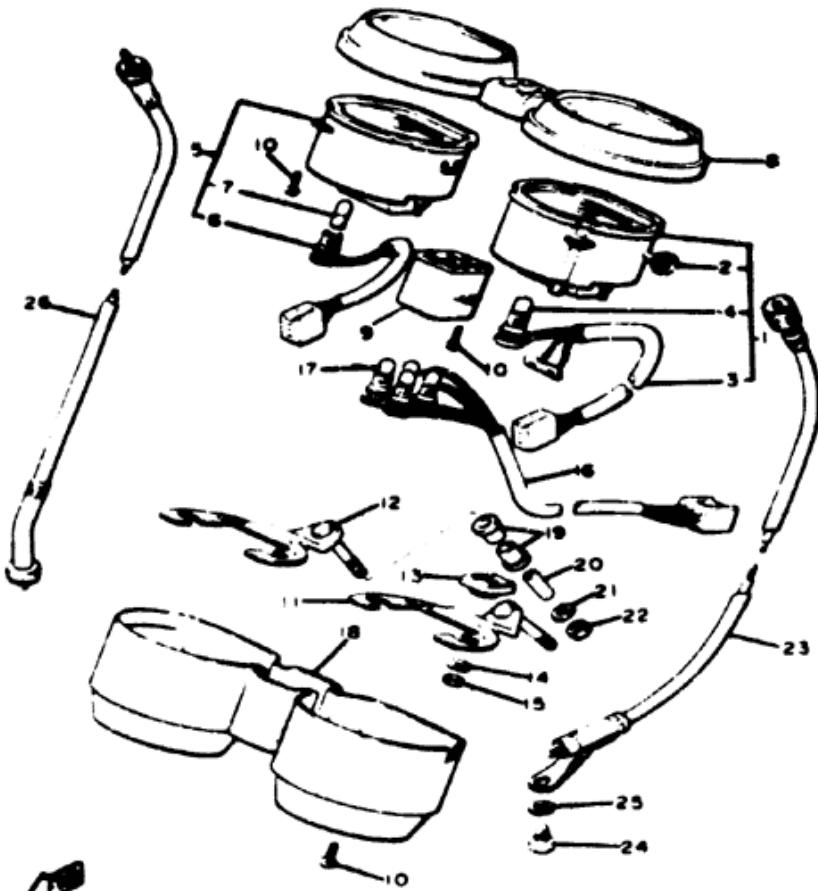
12	5K5-83509-00-00	SOCKET CORD ASS'Y	1
13	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	4
14	4H7-83579-00-00	COVER, meter 2	1
15	584-83541-00-00	DAMPER	4
16	90387-06249-00	COLLAR	2
17	92903-06100-00	WASHER, spring (92901-06100)	2
18	95301-06600-00	NUT.	2
19	5K5-83550-00-00	SPEEDOMETER CABLE ASS'Y	1
20	90153-06004-00	SCREW, hexagon	1
21	92903-06100-00	WASHER, spring (92901-06100)	1
22	4H7-83560-00-00	TACHOMETER CABLE ASS'Y	1

XJ550H

Headlight Taillight Signal Rating

12V50-40W 12V27-5W 12V27W

METER XJ550J/K



Ref. No.	Part Number	Description	XJ550J/K	Remarks
1	5K5-83570-A0-00	SPEEDOMETER ASS'Y	1	1
2	4U8-83578-00-00	KNOB, trip meter	1	1
3	5K5-83536-00-00	SOCKET, meter.....	1	1
4	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	1	1
5	5K5-83540-00-00	TACHOMETER ASS'Y	1	1
6	5K5-83520-00-00	SOCKET CORD ASS'Y.....	1	1
7	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	1	1
8	4H7-83559-A0-00	COVER, meter	1	1
9	4H7-83587-00-00	BODY, pilot light	1	1

XJ550J/K

10	4H7-83616-00-00	SCREW, tapping	10	10
11	5K5-83519-00-00	BRACKET, meter.....	1	1
12	5K5-83545-00-00	BRACKET, tachometer.....	1	1
13	4H7-83523-00-00	DAMPER	4	4
14	1E6-83524-60-00	WASHER, special..... (550J)	4	
	90201-052E2-00	WASHER, plate	(550K)	4
15	95301-05600-00	NUT.....	4	4
16	5K5-83509-00-00	SOCKET CORD ASS'Y	1	1
17	4G1-84744-00-00	BULB (12V-3.4W) (4R0-83517-00)	4	4
18	4H7-83579-00-00	COVER, meter 2	1	1

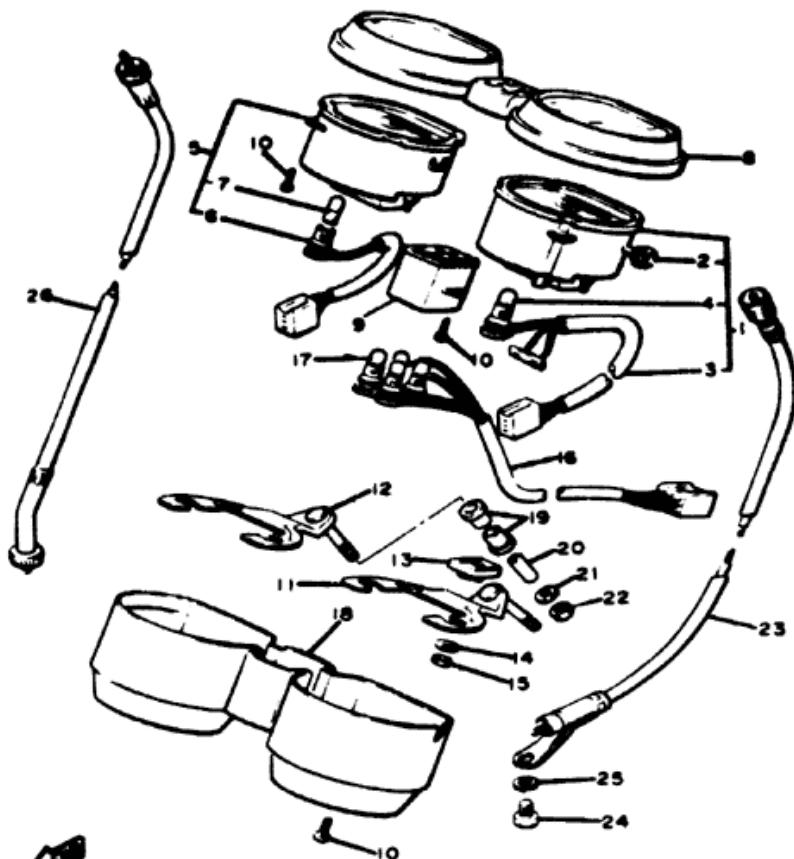
XJ550J/K

XJ550J/K

Headlight	Taillight	Signal	Rating	12V50-40W	12V27-8W	12V27W
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METER XJ550J/K

Ref. No.	Part Number	Description	XJ550J/K	Remarks
19	584-83541-00-00	DAMPER	4	4
20	90387-06249-00	COLLAR	2	2
21	92903-06100-00	WASHER, spring (92901-06100).....	2	2
22	95301-06600-00	NUT.....	2	2



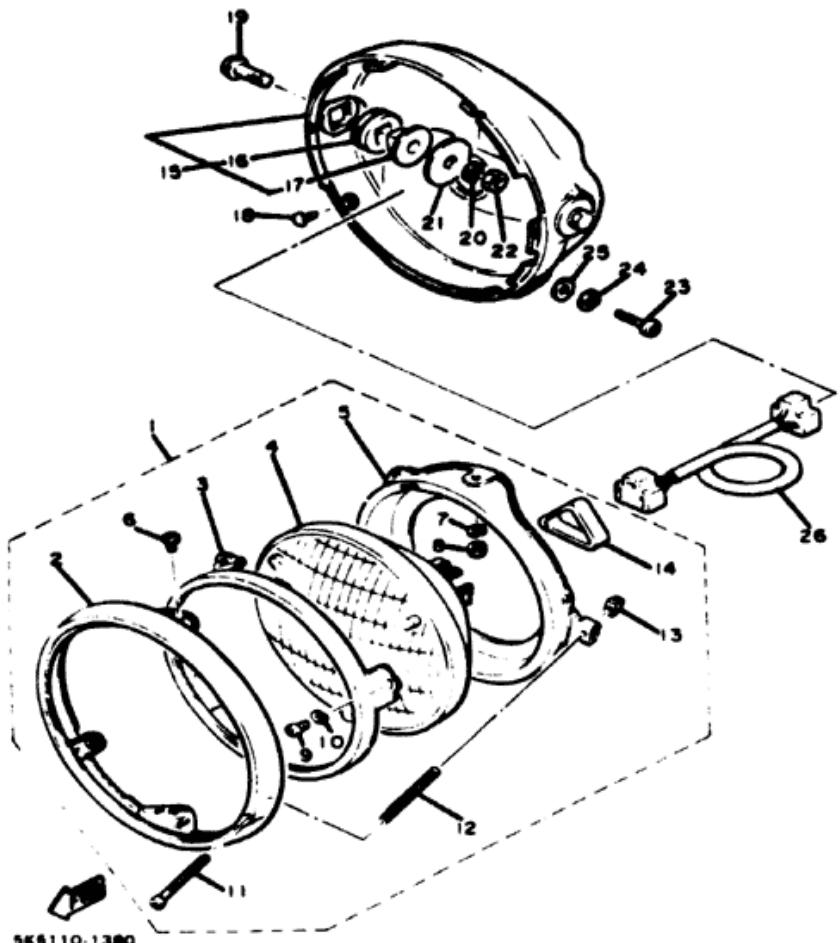
XJ550J/K

23	5K5-83550-00-00	SPEEDOMETER CABLE ASS'Y	1	1
24	90153-06004-00	SCREW, hexagon	1	1
25	92903-06100-00	WASHER, spring (92901-06100)	1	1
26	4H7-83560-00-00	TACHOMETER CABLE ASS'Y	1	1

XJ550J/K

Headlight	Taillight	Signal Rating	12V50-40W	12V27-5W	12V27W

HEADLIGHT XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	2J2-84310-60-00	HEADLIGHT UNIT ASS'Y.....	1	1	1	
2	341-84315-40-00	. RIM, headlight	1	1	1	
3	2F9-84395-00-00	. RING, retaining.....	1	1	1	
4	341-84320-60-00	. LENS ASS'Y (12V-50/40W)	1	1	1	
5	2F9-84394-00-00	. RING, mounting	1	1	1	
6	98501-05010-00	. SCREW, pan head	2	2	2	
7	92903-05100-00	. WASHER, spring (92901-05100)	2	2	2	
8	95301-05600-00	. NUT	2	2	2	
9	98501-04008-00	. SCREW, pan head	3	3	3	
10	92901-04100-00	. WASHER, spring	3	3	3	
11	2F9-84331-00-00	. SCREW, rim adjusting.....	1	1	1	
12	341-84332-60-00	. SPRING, screw.....	1	1	1	
13	198-84334-60-00	. NUT, adjusting	1	1	1	
14	341-84397-61-00	. COVER, socket.....	1	1	1	
15	4G0-84330-00-93	BODY ASS'Y	1	1	1	Chrome Plated
16	584-84345-60-00	. DAMPER, headlight.....	2	2	2	
17	584-84338-60-00	. COLLAR, body fitting.....	2	2	2	
18	90152-05005-00	SCREW, countersunk	2	2	2	
19	90105-08174-00	BOLT, washer based.....	2	2	2	
20	92903-08100-00	WASHER, spring (92901-08100)	2	2	2	
21	90209-08098-00	WASHER	2	2	2	
22	95301-08600-00	NUT.....	2	2	2	
23	92501-06014-00	SCREW, pan head.....	1	1	1	
24	92903-06100-00	WASHER, spring (92901-06100)	1	1	1	
25	90201-06067-00	WASHER, plate	1	1	1	
26	2H7-84359-00-00	CORD, headlight	1	1	1	

XJ550H/J/K

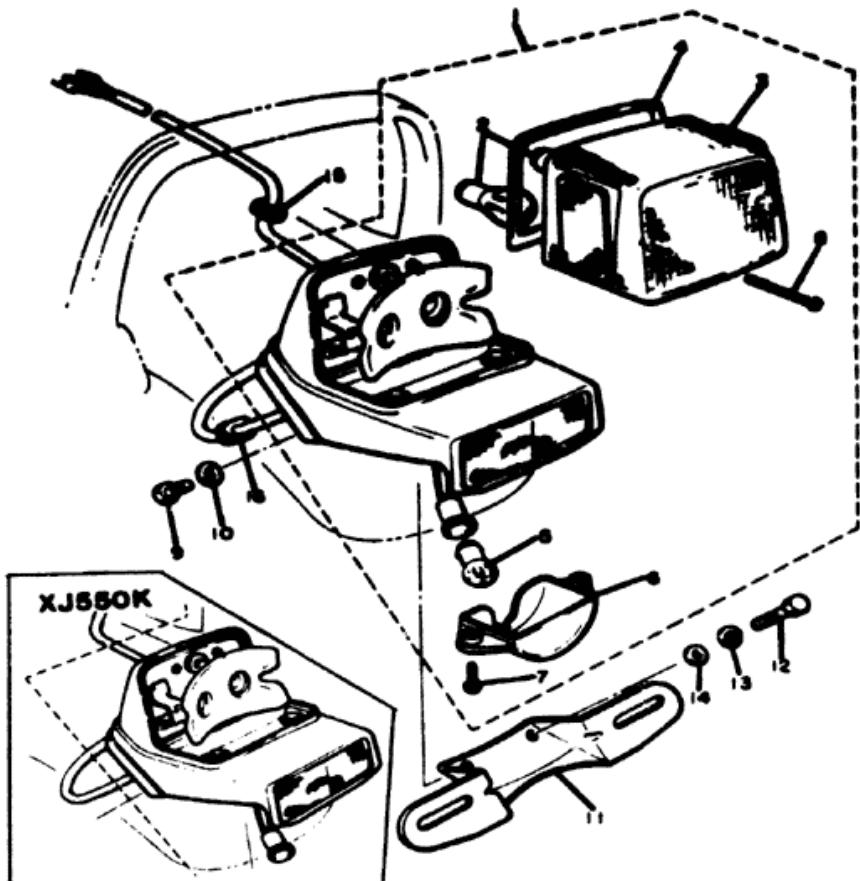
Headlight Taillight Signal Rating

12V50-40W / 12V27-5W / 12V27W

TAILLIGHT XJ550H/J/K

Ref. No.	Part Number	Description	H	J	K	Remarks	
1	5K5-84700-60-00	TAILLIGHT ASS'Y.....	1	1	1		
2	256-84714-61-00	. BULB (12V-27/8W)	2	2	2		
3	5K5-84721-60-00	. LENS, taillight.....	1	1	1		
4	4H7-84723-00-00	. GASKET, tail lens.....	1	1	1		
5	4H7-84744-00-00	. BULB (12V-38W)	1	1	1		
6	4H7-84743-00-00	. LENS, license light.....	1	1	1		
7	98503-04014-00	. SCREW, pan head (98502-04014).....	2	2	2		
*	8	5K5-84724-00-00	. SCREW, lens fitting.....	2	2	2	
9	97301-06016-00	BOLT.....	3	3	3		
10	92901-06600-00	WASHER, plate.....	3	3	3		
11	5K5-84751-60-93	BRACKET, license.....	1	1	1	Chrome Plated	
12	97301-06016-00	BOLT.....	2	2	2		
13	92903-06100-00	WASHER, spring (92901-06100)	2	2	2		
14	92901-06600-00	WASHER, plate.....	2	2	2		
15	90480-16112-00	GROMMET.....(550H/J)	1	1			
16	90480-15061-00	GROMMET.....(550H/J)	1	1			

* Indicates new part numbers activated from March, 1982.



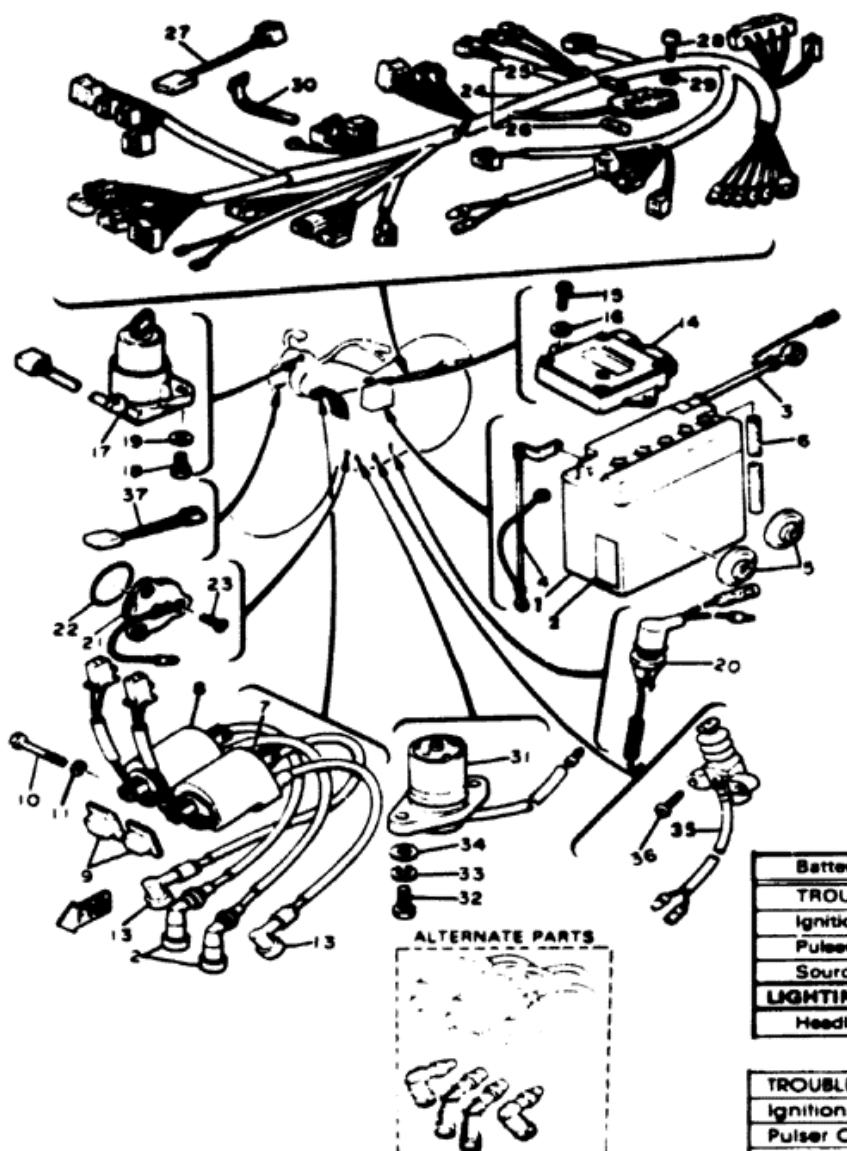
SK5110-1280

XJ550H/J/K

Headlight Tailight Signal Rating

12V50-40W / 12V27-8W / 12V27W

ELECTRICAL - 1 XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	368-82110-79-00	BATTERY ASS'Y (12N12A-4A)	1	1	1	
2	LIT-82141-09-00	LABEL, battery (118-82141-09)	1	1	1	
3	4G0-82115-00-00	WIRE, plus lead.....	1	1	1	
4	4G0-82116-00-00	WIRE, minus lead	1	1	1	
5	371-82121-00-00	PAD, battery.....	2	2	2	
6	90445-08348-00	HOSE	1	1	1	
7	4G0-82310-60-00	IGNITION COIL ASS'Y.....	1	1	1	
8	4G0-82320-60-00	IGNITION COIL ASS'Y.....	1	1	1	
9	4G0-82317-00-00	DAMPER, ignition coil	2	2	2	
10	97303-06020-00	BOLT (97302-06020)	2	2	2	
11	92903-06100-00	WASHER, spring (92902-06100)	2	2	2	
12	4G0-82370-20-00	PLUG CAP ASS'Y	2	2	2	
13	5H0-82370-00-00	PLUG CAP ASS'Y	2	2	2	
14	4UB-82305-10-00	IGNITOR UNIT ASS'Y	1	1	1	
15	92503-06012-00	SCREW, pan head (92501-06012).....	1	1	1	
16	92901-06600-00	WASHER (92901-06600).....	1	1	1	
17	4H7-82508-50-00	MAIN SWITCH ASS'Y	1	1	1	
18	97321-06016-00	BOLT (97322-06016)	2	2	2	
19	92901-06600-00	WASHER (92902-06600).....	2	2	2	

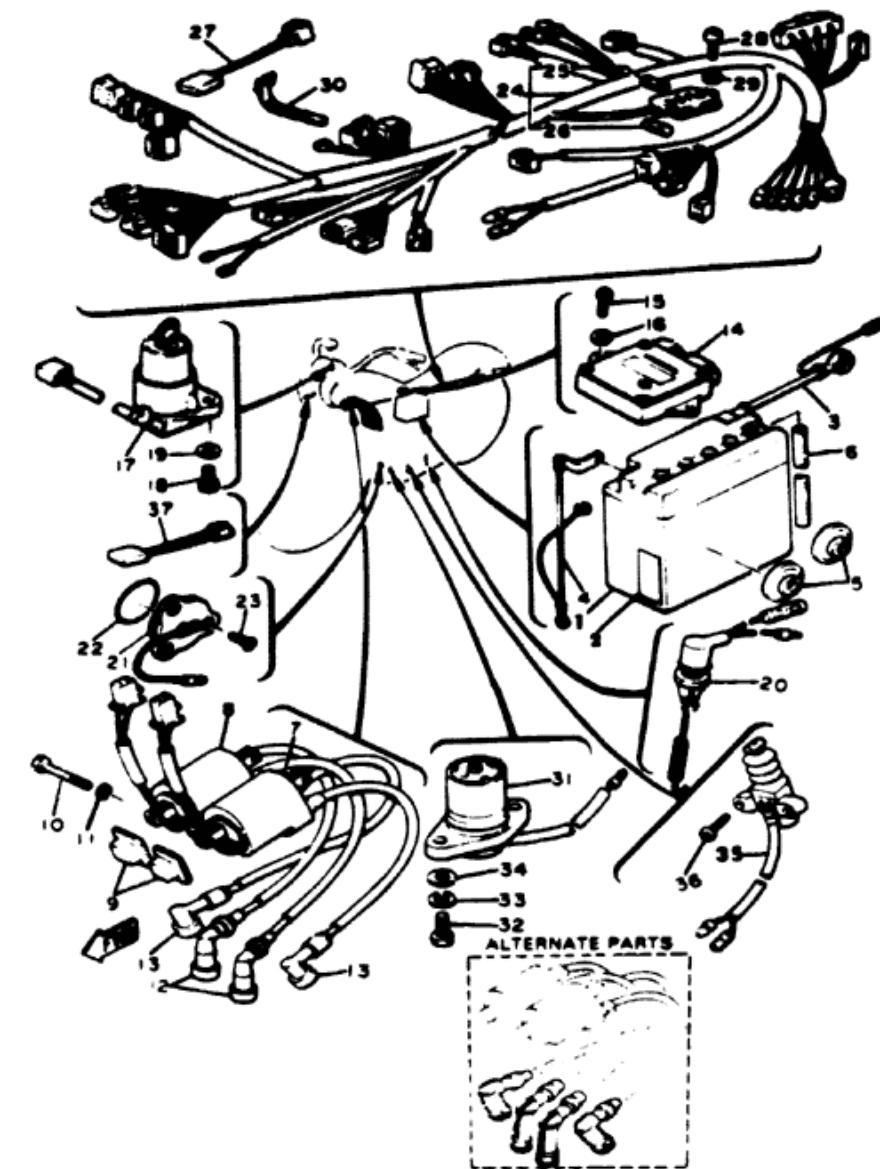
XJ550H

Battery Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5Ω ± 10% / 11.0KΩ ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk : 650Ω ± 20% / Gry ~ Blk : 650Ω ± 20%
Source Coil Color Code / Ω	Ø
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W

XJ550J

TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5Ω ± 10% / 11.0KΩ ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk : 650Ω ± 20% / Gry ~ Blk : 650Ω ± 20%
Source Coil Color Code / Ω	Ø
IGNITION SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
IGNITION SYSTEM	
Ignition Timing	Std 5° @ 1200 rpm Adv 38° @ 4000 rpm
Battery Model Specific Gravity - Charge Rate	
Battery Model Specific Gravity - Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Maximum Output	14V 17A @ 5000 rpm

ELECTRICAL - 1 XJ550H/J/K



XJ550K

Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5Ω ± 10% / 11kΩ ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk, Gry ~ Blk / 650Ω ± 20%
Battery: Model / Specific Gravity / Charge Rate	12N12A-4A (12V12AH) / 1.26 / 1.2A
Maximum Output	14V17A @ 5000 rpm
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W

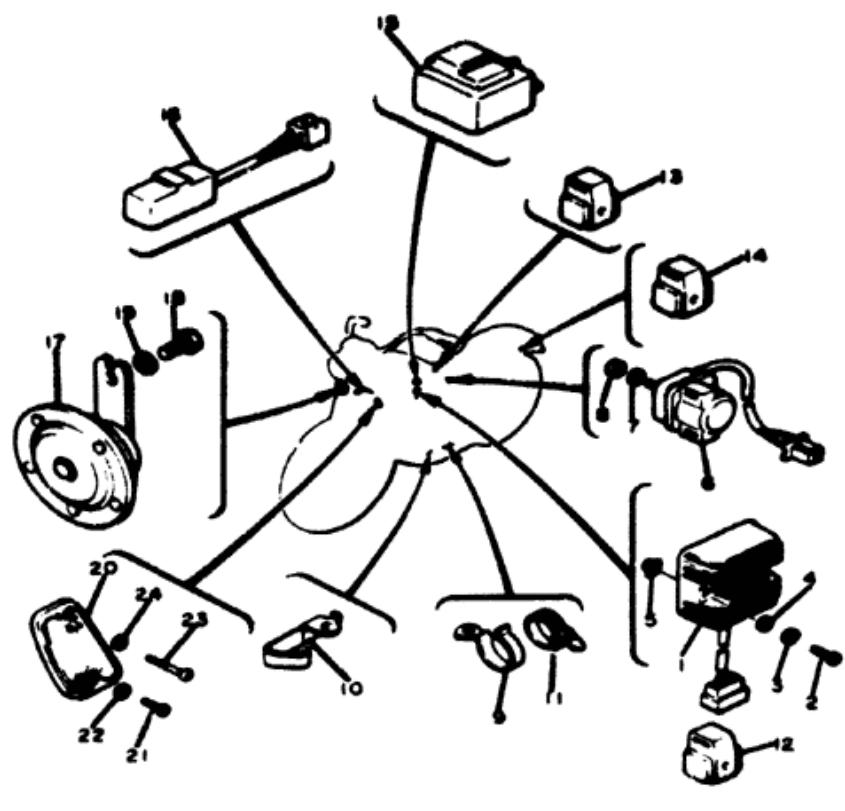
Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.26 / 1.2A
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ω / Secondary Ω	6mm / 2.5Ω ± 10% / 11.0kΩ ± 20%
Pulser Coil or Pickup Coil Color Code / Ω	Org ~ Blk / 650Ω ± 20% / Gry ~ Blk / 650Ω ± 20%
SOURCE COIL COLOR CODE / Ω	
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W

ALTERNATE PARTS

- 38 4U8-82370-21-00 PLUG CAP ASS'Y 1 1 1
 39 4U8-82370-31-00 PLUG CAP ASS'Y 1 1 1

XJ550H XJ550J

ELECTRICAL - 2 XJ550H/J/K

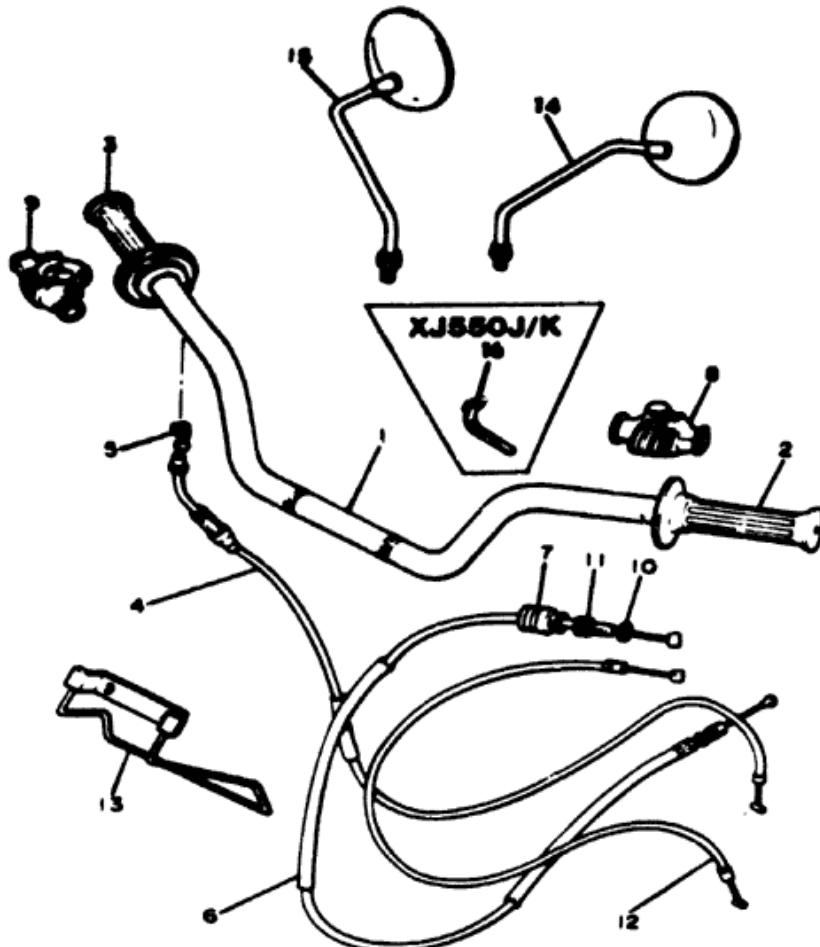


SK8110-1410

Ref. No.	Part Number	Description	H	J	K	Remarks
1	3G1-81960-50-00	RECTIFIER & REGULATOR ASS'Y	(550H/J)	1	1	
	3G1-81960-51-00	RECTIFIER & REGULATOR ASS'Y	(550K)			1
2	92502-06030-00	SCREW, pan head.....		2	2	2
3	92903-06100-00	WASHER, spring (92902-06100)		2	2	2
4	92901-06600-00	WASHER (92902-06600).....		2	2	2
5	4G0-21738-00-00	NUT, plate		2	2	2
6	3H5-81940-00-00	STARTER SWITCH ASS'Y.....		1	1	1
7	92903-06100-00	WASHER, spring (92902-06100)		2	2	2
8	95301-06700-00	NUT (95302-06700)		2	2	2
9	90462-08078-00	CLAMP		2	2	2
10	90462-08087-00	CLAMP		1	1	1
11	341-26397-01-00	BAND		2	2	2
12	4H7-81950-01-00	STARTER CIRCUIT CUT-OFF RELAY.....		1	1	1
*	12R-81950-00-00	STARTER CIRCUIT CUT-OFF RELAY.....	(550K)			1
13	3H5-81950-00-00	HEADLIGHT RELAY ASS'Y		1	1	1
14	4U8-81950-00-00	SIDE STAND RELAY ASS'Y.....		1	1	1
15	4E6-83350-70-00	FLASHER RELAY ASS'Y.....		1	1	1
16	1A0-83395-03-00	FLASHER CANCELLING UNIT		1	1	1
17	5K5-83371-20-00	HORN		1	1	1
18	97306-08012-00	BOLT		1	1	1
19	92906-08100-00	WASHER, spring		1	1	1
20	3G1-85110-00-00	FRONT REFLECTOR ASS'Y.....		2	2	2
21	98503-04014-00	SCREW, pan head (98501-04015)	(550H)	2		
	98501-04018-00	SCREW, pan head	(550J/K)	2	2	
22	92901-04600-00	WASHER, plate		2	2	2
23	849-84724-00-00	SCREW, lens fitting.....	(550H)	2		
	802-84131-00-00	SCREW, rim adjuster	(550J/K)	2	2	
24	92901-04600-00	WASHER, plate		2	2	2

*Indicates new part numbers activated from March, 1982.

HANDLEBAR - CABLE XJ550H/J/K



Ref. No.	Part Number	Description	H	J	K	Remarks
1	278-26111-02-00	HANDLEBAR	1	1	1	
2	2H7-26241-00-00	GRIP (L.H.).....	1	1	1	
3	2H7-26240-00-00	GRIP ASS'Y	1	1	1	
4	5K5-26311-00-00	CABLE, throttle 1.....	1	1	1	
5	584-26393-02-00	HOLDER	1	1	1	
6	5K5-26335-00-00	CABLE, clutch	1	1	1	
7	1E6-26342-00-00	BOOT, cable.....	1	1	1	
8	1E6-26372-00-00	COVER, handle lever.....	1	1	1	
9	1T5-26372-00-00	COVER, handle lever.....	1	1	1	
10	90179-08148-00	NUT.....	1	1	1	
11	90123-08046-00	BOLT.....	1	1	1	
12	5K5-26331-00-00	CABLE, starter 1	1	1	1	
13	1J7-26399-00-00	GUIDE, cable.....	1	1	1	
14	4H7-26290-10-00	MIRROR ASS'Y (L.H.).....	1	1	1	
15	4H7-26290-00-00	MIRROR ASS'Y (R.H.)	1	1	1	Optional Part
16	341-26397-01-00	BAND..... (550J/K)	1	1		

Ref. No.	Part Number	Description	H	J	K	Remarks
*	4U8-W0001-00-XX	TOP END GASKET KIT				
	4H8-11181-00-00	CYLINDER HEAD GASKET				1
	4G0-11193-00-00	HEAD COVER GASKET				1
	93210-62323-00	CYLINDER BASE O-RING				4
	93210-09443-00	CYLINDER O-RING				4
	90430-14131-00	DOWEL PIN GASKET				2
	4H8-11351-00-00	CYLINDER BASE GASKET				1
	93210-06001-00	TENSIONER CASE O-RING				1
	4G0-12213-00-00	TENSIONER CASE GASKET				1
	4G0-12119-00-00	VALVE STEM SEAL				8
	4G0-13556-00-00	INTAKE GASKET				4
	4H7-14613-00-00	EXHAUST GASKET				4

NOTE: This set does not include two cylinder stud o-rings, P/N 93210-18322-00, which should be replaced when performing top end repairs.

*Indicates new part numbers activated from March, 1982.

SERVICE DATA

FILE MOTORCYCLE - 500 SECTION

DATE 3/6/81 BUL M81-011

XJ550H 1981 SERVICE DATA

MODEL - IBM I.D. NUMBER	XJ550H - B	XJ550H - R	BK5
Initial Engine Number / Frame Number	5K5-000101 / 5K5-000101		
Basic Color(s)	New Yamaha Black (B) / New Ruby Red (R)		
Fuel Type / Fuel Tank Capacity / Reserve Capacity	Regular / 13 Lit. (3.4 Gal.) / 3.6 Lit. (0.9 Gal.)		
Dry Vehicle Weight	185 kg (408 lb.)		
ENGINE TYPE	4-Stroke, Air-Cooled, DOHC, Parallel Four		
Bore / Stroke / Number Cylinders / Displacement	57.0mm / 51.8mm / 4 / 528cc		
Compression Ratio / Compression Pressure Min ~ Max	9.5:1 / 7.0 ~ 9.5 kg/cm ² (100 ~ 135 psi)		
Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm		
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm		
Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm (.004 ~ .006 in.) / 0.16 ~ 0.20mm (.006 ~ .008 in.)		
Oil Pressure Hot / rpm	0.5 kg/cm ² (7.1 psi) @ 1200 rpm		
Oiling System	Wet Sump		
Capacity: Dry	2900cc (3.1 Qt.)		
Oil and Filter Change	2500cc (2.6 Qt.)		
Oil Change	2200cc (2.3 Qt.)		
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4° or SAE 20W40		
Temp. Below 15°C (60°F)	SAE 10W30		
AUTOLUBE - Min Stroke / Color Code	Ø		
Minimum Output @ 200 Cycles	Ø		
Maximum Output @ 200 Cycles	Ø		
CARBURETOR - Mfr. / Type / I.D. Number	Mikuni / BS28 / BK5-00		
Main Jet / Pilot Jet	112.5 / 35		
Needle Jet / Jet Needle-Clip Position	0-8 / 4GN15 Fixed		
Slide Cutaway or Throttle Valve	130		
Float Level / Fuel Level	21.5 ± 0.5mm / 2.0 ± 1mm (Measured From Body Edge)		
Idle rpm	1200		
Max CO* / Max HC* / Set CO	See HC/CO Specs on Page 2		
SUSPENSION			
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / Ø / 272cc ± 4.0cc (9.2 Oz.)		
Gas Pressure	Ø		
Spring Length Std	587mm (23.1 in.)		
Monoshock: Oil Type / Qty	Ø		
Gas Pressure	Ø		
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm		
Tire Size (Nominal Pressure)	F:3.25H19 (1.75 kg/cm ² /28 psi) R:150/90-18 E7H (2.00 kg/cm ² /38 psi)		
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	See ENGINE Above		
Primary Drive Type / Teeth / Ratio	Spur Gear x HY-VO Chain / 22-21 x 66-28 / 2.432		
Secondary Drive Type / Teeth / Chain	Chain / 46-16 / 50HDSS-104L		
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm		
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm		
Middle Gear Case Capacity	Ø		
Final Gear Case Capacity	Ø		
Gear Case Lubricant: Temp. Above 5°C (40°F)	Ø		
Temp. Below 15°C (60°F)	Ø		
All Weather Conditions	Ø		

PAGE 1 OF 2

FILE MOTORCYCLE - 500 SECTION DATE 3/6/81 BUL M81-011

CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Maximum Output	14V 17A @ 5000 rpm
TROUBLESHOOTING	
Field Coil Color Code / Ø	Rotor: Gm~Bm / 4.5Ω ± 10% Stator: Wh~Wh / 0.5Ω ± 10%
Charge Coil Color Code / Ø	Ø
IGNITION SYSTEM	Transistor-Controlled Ignition
Ignition Timing	Std: 5° @ 1200 rpm Adv: 38° @ 4000 rpm
SPARK PLUG	
Spark Plug Type	NGK DBEA or Nippon Denso X24ES-U
Spark Plug Gap / Torque / Cap Ø	0.6 ~ 0.7mm (.024 ~ .028 in.) / 2.0 m-kg (14.5 ft-lb) / 10K Ø
Point Gap / Condenser Capacitance	Ø / Ø
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.5 Ø ± 10% / 11.0K Ø ± 20%
Pulse Coil or Pickup Coil Color Code / Ø	Org ~ Blk / 650 Ø ± 20% / Gry ~ Blk / 650 Ø ± 20%
Source Coil Color Code / Ø	Ø
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
TROUBLESHOOTING	
Lighting Coil Color Code / Ø	Ø
TORQUE VALUES	
Front Axle Nut	14 x 1.50: 10.7 m-kg (77.4 ft-lb)
Front Axle Pinch Bolt	8 x 1.25: 2.0 m-kg (14.5 ft-lb)
Rear Axle Nut	14 x 1.50: 10.7 m-kg (77.4 ft-lb)
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg (77.4 ft-lb)
Clutch Nut	20 x 1.0: 7.0 m-kg (50.6 ft-lb)
Drain Plug	14 x 1.50: 4.3 m-kg (31.1 ft-lb)
Cylinder Head Cover	6 x 1.0: 1.0 m-kg (7.2 ft-lb)
Cylinder Head:	8 x 1.25: 2.2 m-kg (15.9 ft-lb)
Engine Mounting Bolts: Front, Upper Nut	6 x 1.0: 1.0 m-kg (7.2 ft-lb)
Lower Bolt	10 x 1.25: 4.2 m-kg (30.4 ft-lb)
Rear Nut	12 x 1.25: 7.0 m-kg (50.6 ft-lb)
Stay, Front	8 x 1.25: 2.0 m-kg (14.5 ft-lb)

Ø = Does Not Apply To This Model

*Available From Yamaha Parts Distributors Inc.

NA = Information Not Available

•For Diagnostic Use Only

HC/CO SPECIFICATIONS WITH YICS TOOL INSTALLED

Max CO - 7% / Max HC - 500 ppm / Set CO - 4%

The idle rpm should be 1200 rpm before the YICS tool is installed. When the YICS tool is installed, the idle rpm will drop 50 ~ 100 rpm. The HC/CO specifications should be monitored at this lower idle rpm (1100 ~ 1150 rpm).

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-28	
SERVICE MANUAL	LIT-11616-XJ-50	COMBINED WITH XJ550H
ASSEMBLY MANUAL	LIT-11666-02-28	
CONSUMER MANUAL	LIT-11656-02-28	PAGE 2 OF 2
LEAFLET	LIT-11119-02-12	

SERVICE DATA

FILE MOTORCYCLE - 750 SECTION

DATE 10/9/81 SER. M81-036

XJ550J 1982 SERVICE DATA

MODEL - IBM I.D. NUMBER	XJ550J - B	XJ550J - S	5K5
Initial Engine Number / Frame Number	5K5-020101 / 5K5-020101		
Basic Color(s)	Black Blue (B) Star Silver (S)		
Fuel Type/Fuel Tank Capacity/Reserve Capacity	Regular / 13 Ltr. / 3.6 Ltr.		
Dry Vehicle Weight	185 kg		
ENGINE TYPE	4-Stroke, Air-Cooled, DOHC, Parallel Four		
Bore/Stroke/Number Cylinders/Displacement	57.0mm / 51.8mm / 4 / 528cc		
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm ²		
Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.1mm		
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm		
Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm / 0.16 ~ 0.20mm		
Oil Pressure Hot / rpm	0.5 kg/cm ² @ 1200 rpm		
Oiling System	Wet Sump		
Capacity: Dry	2900cc		
Oil and Filter Change	2500cc		
Oil Change	2200cc		
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4 [°] or SAE 20W40		
Temp. Below 15°C (60°F)	SAE 10W30		
AUTOLUBE - Min Stroke / Color Code	Ø		
Minimum Output @ 200 Cycles	Ø		
Maximum Output @ 200 Cycles	Ø		
CARBURETOR - Mfr. / Type / I.D. Number	Mikuni / BS28 / 5K5-00		
Main Jet / Pilot Jet	112.5 / 35		
Needle Jet / Jet Needle-Clip Position	0.8 / 4GN15 Fixed		
Slide Cutaway or Throttle Valve	130		
Float Level / Fuel Level	21.5 ± 0.5mm / 2.0 ± 1mm (Measured From Body Edge)		
Idle rpm	1200		
Max CO* / Max HC* / Set CO	See HC/CO Specs on Page 2		
SUSPENSION			
Front Forks: Oil Type / Level / Qty	10 Wt. Fork Oil* / Ø / 272cc ± 4.0cc		
Gas Pressure	Ø		
Spring Length Std	587mm		
Monoshock: Oil Type / Qty	Ø		
Gas Pressure	Ø		
Minimum Brake Lining Thickness	Front: 0.8mm Rear: 2.0mm		
Tire Size (Nominal Pressure)	F:3.25H19(1.75 kg/cm ²) R:130/90-16 67H(2.00 kg/cm ²)		
TRANSMISSION - Oil Type/Qty Chg/Qty Reassemble	See ENGINE Above		
Primary Drive Type / Teeth / Ratio	Spur Gear x HYVO Chain / 22-21 x 65-28 / 2.432		
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS-104L		
Clutch Friction Plate Thickness Std ~ Min	3.0 ~ 2.7mm		
Clutch Spring Length Std ~ Min	41.2 ~ 40.2mm		
Middle Gear Case Capacity	Ø		
Final Gear Case Capacity	Ø		
Gear Case Lubricant: Temp. Above 5°C (40°F)	Ø		
Temp. Below 15°C (60°F)	Ø		
All Weather Conditions	Ø		

PAGE 1 OF 2

FILE MOTORCYCLE - 750 SECTION DATE 10/9/81 SER. M81-036

CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	GS 12N12A-4A / 1.28 / 1.2A
Maximum Output	14V 17A @ 5000 rpm
TROUBLESHOOTING	Rotor:Grn~Blk/4.5Ω ± 10% Stator:Whl~Whl/0.5Ω ± 10%
Field Coil Color Code / Ø	Ø
Charge Coil Color Code / Ø	Ø
IGNITION SYSTEM	Transistor Controlled Ignition
Ignition Timing	Std: 5° @ 1200 rpm Adv: 38° @ 4000 rpm
Spark Plug Type	NGK DBEA or Nippon Denso X24ES-U
Spark Plug Gap / Torque / Cap Ø	0.6 ~ 0.7mm / 2.0 m-kg / 10KΩ
Point Gap / Condenser Capacitance	Ø / Ø
TROUBLESHOOTING	
Ignition Coil Test Gap / Primary Ø / Secondary Ø	6mm / 2.5Ω ± 10% / 11.0KΩ ± 20%
Pulser Coil or Pickup Coil Color Code / Ø	Org ~ Blk / 650Ω ± 20% / Gry ~ Blk / 650Ω ± 20%
Source Coil Color Code / Ø	Ø
LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
TROUBLESHOOTING	
Lighting Coil Color Code / Ø	Ø
TORQUE VALUES	
Front Axle Nut	14 x 1.50: 10.7 m-kg
Front Axle Pinch Bolt	8 x 1.25: 2.0 m-kg
Rear Axle Nut	14 x 1.50: 10.7 m-kg
Rear Axle Holder Nut	14 x 1.50: 10.7 m-kg
Clutch Nut	20 x 1.0: 7.0 m-kg
Drain Plug	14 x 1.50: 4.3 m-kg
Cylinder Head Cover	6 x 1.0: 1.0 m-kg
Cylinder Head:	8 x 1.25: 2.2 m-kg
Engine Mounting Bolts: Front, Upper Nut	10 x 1.25: 4.2 m-kg
Lower Bolt	10 x 1.25: 4.2 m-kg
Rear Nut	12 x 1.25: 7.0 m-kg
Stay, Front	8 x 1.25: 2.0 m-kg

Ø = Does Not Apply To This Model

NA = Information Not Available

*Available From Yamaha Parts Distributors Inc.

*For Diagnostic Use Only

HC/CO SPECIFICATIONS WITH YICS TOOL INSTALLED

Max CO = 7% / Max HC = 500 ppm / Set CO = 4%

The Idle rpm should be 1200 rpm before the YICS tool is installed. When the YICS tool is installed, the Idle rpm will drop 50 ~ 100 rpm. The HC/CO specifications should be monitored at this lower idle rpm (1100 ~ 1150 rpm).

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-02-89	
SERVICE MANUAL	LIT-11616-XJ-50	
ASSEMBLY MANUAL	LIT-11666-02-28	PAGE 2 OF 2
CONSUMER MANUAL	LIT-11656-02-89	
LEAFLET	LIT-11119-02-47	

SERVICE DATA

FILE MOTORCYCLE - 500 SECTION DATE 11/5/82 BUL M82-046

XJ550K 1983 SERVICE DATA

MODEL - IBM ID. NUMBER	XJ550K	SK5
Initial Engine Number / Frame Number	6K5-100101 / JVA5K500L JDA1001H	
Fuel Type/Total Fuel Tank Capacity/Reserve Cap.	Regular / 13 Lit. / 3.6 Lit.	

ENGINE TYPE	4-Stroke, DOHC, Parallel Four
Bore/Stroke/Number Cylinders/Displacement	57mm / 51.8mm / 4 / 526cc
Compression Ratio/Compression Pressure Min~Max	9.5:1 / 7.0 ~ 9.5 kg/cm ²
Piston Skirt Clearance New / Max	0.025 ~ 0.045mm / 0.10mm
Ring End Gap Top / 2nd / 3rd	0.15 ~ 0.35mm / 0.15 ~ 0.35mm / 0.3 ~ 0.9mm
Valve Clearance (Cold) Intake / Exhaust	0.11 ~ 0.15mm / 0.16 ~ 0.20mm
Oiling System	Wet Sump
Capacity: Dry	2900cc
Oil and Filter Change	2500cc
Oil Change Only	2200cc
Lubricant: Temp. Above 5°C (40°F)	Yamalube 4" or SAE 20W40 SE or SF
Temp. Below 15°C (60°F)	SAE 10W30 SE or SF
Cooling System / Capacity	Air / 0
Coolant Type / Mixing Ratio	0 / 0

AUTOLUBE - Min Stroke / Color Code	0
Minimum Output @ 200 Cycles	0
Maximum Output @ 200 Cycles	0

CARBURETOR - Manufacturer / Type / I.D. Number	Mikuni / BS28 / SK5-00
Main Jet / Pilot Jet	112.5 / 35
Needle Jet / Jet Needle-Clip Position	O-8 / 4GN15 Fixed
Slide Cutaway	0
Float Level / Fuel Level	21.5 ± 0.5mm / 2 ± 1mm
Idle rpm	1200 rpm
Max CO% / Max HC% / Set CO (Using YIC8 Tool)	7% / 500 ppm / 4% (All Settings @ Idle)

SUSPENSION	
Front: Inner Tube Diameter	0
Oil Type / Level / Qty	10 Wt. Fork Oil* / 0 / 272cc
Gas Pressure Min ~ Max / Standard	0
Spring Length Std	567mm
Rear: Gas Pressure Min ~ Max / Standard	0
Minimum Brake Lining Thickness Front / Rear	0.8mm / 2.0mm
Tire Size (Nominal Pressure) Front / Rear	3.25H19 (1.8 kg/cm ²) / 130/90H16 (2.0 kg/cm ²)

TRANSMISSION - Oil Type / Qty Change / Qty Dry	See ENGINE Above
Secondary Drive Type / Teeth / Chain	Chain / 45-16 / 50HDSS16L
Middle Gear Case Capacity	0
Final Gear Case Capacity	0
Gear Case Lubricant	0

FILE MOTORCYCLE - 500 SECTION DATE 11/5/82 BUL M82-046

CHARGING SYSTEM	AC Generator / 3-Phase / Full Wave
Battery: Model / Specific Gravity / Charge Rate	12N12A-4A (12V12AH) / 1.28 / 1.2A
Maximum Output	14V17A @ 5000 rpm
Field Coil Color Code / 0	Grn ~ Brn / 4.50 ± 10%
Stator Coil Color Code / 0	Wht ~ Wht / 0.50 ± 10%
Charge Coil Color Code / 0	0

IGNITION SYSTEM	Transistor Controlled Ignition
Ignition Timing	5° @ 1200 rpm Full Adv: 36° @ 4000 rpm
Spark Plug Type	NGK D8EA or ND X24ES-U
Spark Plug Gap / Torque / Cap 0	0.6 ~ 0.7mm / 2.0 m-kg / 10KV
Point Gap / Condenser Capacitance	0
Ignition Coil Test Gap / Primary 0 / Secondary 0	6mm / 2.50 ± 10% / 14KV ± 20%
Pulser Coil or Pickup Coil Color Code / 0	Org ~ Blk, Gry ~ Blk / 6500 ± 20%
Source Coil Color Code / 0	0

LIGHTING SYSTEM	
Headlight / Taillight / Signal Rating	12V50-40W / 12V27-8W / 12V27W
Lighting Coil Color Code / 0	0

TORQUE VALUES	
Front Axle Nut	M14: 10.7 m-kg
Front Axle Holder Nut	M8: 2.0 m-kg
Rear Axle Nut	M14: 10.7 m-kg
Rear Axle Pinch Bolt	0
Clutch Nut	M20: 7.0 m-kg
Drain Plug	M14: 4.3 m-kg
Flywheel Nut	0
Cylinder Head Cover	M6: 1.0 m-kg
Cylinder Head:	M8: 2.2 m-kg
	M6: 1.0 m-kg
Engine Mounting Bolt: Front Upper Nut	M10: 4.2 m-kg
	M10: 4.2 m-kg
Lower Bolt	M10: 4.2 m-kg
Rear Nut	M12: 7.0 m-kg
Front Stay	M8: 2.0 m-kg

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

*Available From Yamaha Parts Distributors Inc.
*For Diagnostic Use Only

PUBLICATION	PART NUMBER	REMARKS
OWNER'S MANUAL	LIT-11626-03-44	
SERVICE MANUAL	LIT-11616-XJ-50	SAME AS XJ550H/XJ550J
ASSEMBLY MANUAL	LIT-11666-03-44	SUPPLEMENT TO B.A.M. (03-85)
CONSUMER MANUAL	LIT-11656-03-44	
LEAFLET	LIT-11119-02-80	PAGE 2 OF 2