



GSX1100EFE, EFF, EFG	630V-102	518-15	818-42
GSX1100FJ, FK	532ZLV-118	440-15	827-52
GSX1100FJ, FK 530 MOD	50ZL-118	566-15	816-52
GSX1100FL, FM, FN, FR	532ZLV-122	440-15	827-52
GSX1100FL, FM, FN, FR MOD	50ZL-122	566-15	816-52

~~~~~ FORK SEALS      FORK OIL CAPACITY ~~~~~

size in mm      in cc's (ml)

|                       |              |       |
|-----------------------|--------------|-------|
| GSX1100T 80           | 37-49-8/9.5  | 302cc |
| GSX1100FJ/FR 88-94    | 41-54-11     | 478cc |
| GSX1100GM/GN/GP 91-94 | 43-55-9.5/10 | 406cc |
| GSX1100EFE/EFG 84-88  | 37-49-8/10   | 252cc |
| GSX1100ESD KATANA     | 37-49-8/9.5  | 276cc |
| GSX1100ET/EX/EZ/SZ/SD | 37-49-8/9.5  | 280cc |

~~~~~ REAR SHOCKS      TYPE ~~~~~

partcode      Spec

|                    |         |       |
|--------------------|---------|-------|
| GSX1100 KATANA     | 2033016 | 330-B |
| GSX1100E, S, ES    | 2033016 | 330-B |
| GSX1100EF, EG, EFE | 2063087 | 330-K |
| GSX1100EFF, EFG    | 2063087 | 330-K |
| GSX1100FJ          | 2063085 | 340-K |

## ~~~~~ FRONT TIRE REAR TIRE ~~~~~

Size Size

|                       |              |              |
|-----------------------|--------------|--------------|
| GSX1100E,ES,ESD,ET,EX | 100/90-19 VB | 140/80-17 VB |
| GSX1100EZ,G,S,SD,SK   | 100/90-19 VB | 140/80-17 VB |
| GSX1100EFE,EG,ESE,ESF | 120/80-16 VB | 140/80-17 VB |
| GSX1100EF             | 120/80-16 VB | 140/80-17 VB |
| GSX1100FJ,K,L,M       | 120/80-16 VB | 150/80-16 VB |
| GSX1100GZ             | 100/90-19 VB | 140/80-17 VB |

## ~~~~~ FR BRAKE LEVER RR HANDBRAKE LEVER ~~~~~

part code or CLUTCH LEVER

|                       |         |         |
|-----------------------|---------|---------|
| GSX1100EFE/EF/EFF     | 1630031 | 1630018 |
| GSX1100EFG/EG 87-88   | 1630031 | 1630024 |
| GSX1100 KATANA 80-85  | 1630027 | 1630020 |
| GSX1100FJ/FK/FL 88-90 | 1630031 | 1630056 |
| GSX1100FM/FN/FR 91-95 | 1630051 | 1630056 |
| GSX1100GM/GN/GP 91-95 | 1630205 | 1630207 |
| GSX'R'1100G/H/J 86-88 | 1630031 | 1630022 |
| GSX'R'1100K/L/M/N/W/  | 1630205 | 1630207 |

~~~~~ FR BRAKE CABLE RR BR CABLE THR CABLE ~~~~~

part code or CLUTCH partcode

|                     |         |         |
|---------------------|---------|---------|
| GSX1100EF/EG 84-88  |         | 1476053 |
| GSX1100EFE/EFF/EFG  | 1473045 | 1476054 |
| GSX1100ESD 83-85    | 1473044 | 1476052 |
| GSX1100ET/X 79-81   |         | 1476014 |
| GSX1100EX           |         | 1476011 |
| GSX1100FJ 1988      |         | 1476055 |
| GSX1100FK 1989      |         | 1476056 |
| GSX1100FL/M/N 90-94 |         | 1476056 |
| GSX1100GZ           |         | 1476011 |
| GSX1100SZ/SD 81-85  | 1473044 | 1476052 |

~~~~~ TACH CABLE SPEEDOMETER CABLE CHOKE ~~~~~

part code part code cable

|                    |         |         |
|--------------------|---------|---------|
| GSX1100EF/EG 84-88 |         | 1474043 |
| GSX1100EFE/EFF/EFG |         | 1474048 |
| GSX1100ESD 83-85   |         | 1474047 |
| GSX1100ET/X 79-81  | 1475024 | 1474010 |
| GSX1100EZ 82-84    | 1475003 |         |
| GSX1100FJ 1988     |         | 1474049 |
| GSX1100FK 1989     |         | 1474050 |

|                     |         |
|---------------------|---------|
| GSX1100FL/M/N 90-94 | 1474050 |
| GSX1100GM 1991      | 1474051 |
| GSX1100GN 1992-94   | 1474051 |
| GSX1100SZ/SD 81-85  | 1474047 |

~~~~~ BATTERY CHARGE RATE ~~~~~

type in amp/hours

|                        |         |    |
|------------------------|---------|----|
| GSX1100                | CB14LA2 | 4A |
| GSX1100 EFE-G/FJ       | CB14LA2 |    |
| GSX1100 ET/EX/EZ       | CB14LA2 |    |
| GSX1100ESD             | CB14LA2 |    |
| GSX1100 (AX/SD KATANA) | CB14LA2 |    |
| GSX1100F KATANA 88-92  | CB14B2  |    |
| GSX1100G 91-92         | CTX14BS |    |

~~~~~ BULBS SIZES ~~~~~

Headlight Indicators

|         |             |          |
|---------|-------------|----------|
| GSX1100 | 12V60/55WH4 | 12V21SCC |
|---------|-------------|----------|

~~~~~ REGULATOR MAX OUTPUT ~~~~~

Type in Volts

GSX1100                    See REG-05        15.5

~~~~~ SPARK PLUGS ~~~~~

                          type                    gap

GSX1100ET/SZ              DR8ESL              0.7mm

GSX1100EFE/EFF            DR8ES                0.7mm

GSX1100FJ                 JR9B                 0.6mm

GSX1100W-P/R/S            CR9E                 0.7mm

~~~~~ RESISTANCES        GAP ~~~~~

                          Points/Pulse Coil

GSX1100                    100-300 ohms

~~~~~ TIMING ~~~~~

GSX1100                    1500=12DEG    2350=32DEG

~~~~~ COIL RESISTANCES ~~~~~

                          Primary                Secondary

GSX1100                    2-5                    30-40K

~~~~~ CHARGE SOURCE ~~~~~

                          Charge                 Ignition

GSX1100 .1-1

~~~~~ CHARGE OUTPUT ~~~~~

GSX1100 80Vac@5000rpm

~~~~~ INDICATORS ~~~~~

|                       | Unit    | Lense Only |
|-----------------------|---------|------------|
| GSX1100ET/EX/EZ/ F&R  | 4543001 | 4553006    |
| GSX1100G FRONT LEFT   | 4543049 | 4553008    |
| GSX1100G FRONT RIGHT  | 4543047 | 4553008    |
| GSX1100G REAR LEFT    | 4543050 | 4553009    |
| GSX1100G REAR RIGHT   | 4543048 | 4553009    |
| GSX1100FJ-FR FRT/LEFT | 4543053 | 4553010    |
| GSX1100FJ-FR FRT/RHT  | 4543054 | 4553010    |
| GSX1100FJ-FR REAR/LFT | 4543055 | 4553011    |
| GSX1100FJ-FR REAR/RHT | 4543056 | 4553011    |

~~~~~ CARBS ~~~~~

|                    | Model | Main Jet | Float Height |
|--------------------|-------|----------|--------------|
| GSX1100 Mik BS34SS | 49210 | 107.5    | 22.4mm       |
| GSX1100 Mik BS34SS | 49230 | 107.5    | 22.4mm       |

|                     |       |             |        |
|---------------------|-------|-------------|--------|
| GSX1100 Mik BS34SS  | 49250 | 107.5       | 22.4mm |
| GSX1100 Mik BS34SS  | 49260 | 107.5       | 22.4mm |
| GSX1100 Mik BS34SS  | 49370 | 107.5       | 22.4mm |
| GSX1100 Mik BS34SS  | 49340 | 112.5       | 22.4mm |
| GSX1100 Mik BS34SS  | 00A00 | 120         | 21.4mm |
| GSX1100F Mik BST34S | 48B01 | 112.5/110mm | 14.6mm |

## ~~~~~ ENGINE SPECIFICATION ~~~~~

|             | Bore | Stroke | Comp       |
|-------------|------|--------|------------|
| GSX1100     | 72mm | 66mm   | 7-12kgcm2  |
| GSX1100 89- | 74mm | 66mm   | 156-213psi |
| GSX1100F    | 78mm | 59mm   | 156-213psi |

## ~~~~~ OILFILTER CAPACITY CAMCHAIN ~~~~~

|                      | partcode | in litre | partcode       |
|----------------------|----------|----------|----------------|
| GSX1100EX/EZ/SZ/SD/T | SF3004   | 3.0/3.2L | 219FTS-120     |
| GSX1100FL/FM/FN/FR   | SF3009   |          | 219FTH-122     |
| GSX1100GM/GN/GP      | SF3009   |          | SCAO412DHA-150 |

## ~~~~~ CLEARANCES ~~~~~ (cold) Piston to

|         | in valve    | ex valve    | Cylinder |
|---------|-------------|-------------|----------|
| GSX1100 | 0.07-0.12mm | 0.07-0.12mm |          |



## ~~~~~ GASKET SETS ~~~~~ PartCodes

|  | Top End | Rebuild |
|--|---------|---------|
|--|---------|---------|

|                 |       |           |           |
|-----------------|-------|-----------|-----------|
| GSX1100ET,EX,SZ | 80-85 | 0800781** | 0900381** |
| GSX1100EZ       | 82    | 0800780** | 0900380** |
| GSX1100SZ KATA  | 82    | 0807042** | 0903042** |
| GSX1100ESD,SD   | 83    | 0807004** | 0903004** |
| GSX1100EG,EFE   | 84-88 | 0807027** | 0903027** |
| GSX1100EFF,EFG  | 84-88 | 0807027** | 0903027** |
| GSX1100FJ,FK,FL | 88-90 | 0807062** | 0903062** |
| GSX1100FM,FN    | 91-94 | 0807076** | 0903076** |
| GSX1100GM,GN    | 91-94 | 0807085** | 0903085** |
| GSX1100GP,GR    | 91-94 | 0807085** | 0903085** |

|  | Head | Exhaust |
|--|------|---------|
|--|------|---------|

|  | Gasket | Gasket |
|--|--------|--------|
|--|--------|--------|

|                       |       |         |
|-----------------------|-------|---------|
| GSX1100ET,EX,SZ       | 80-85 | 0833003 |
| GSX1100EZ             | 82    | 0833003 |
| GSX1100SZ KATA        | 82    | 0833003 |
| GSX1100ESD,SD         | 83    | 0833003 |
| GSX1100EG,EFE,EFF,EFG |       |         |

84-88 0833003

GSX1100FJ,FK,FL 88-90 0833021

GSX1100FM,FN 91-94 0833022

GSX1100GM,GN,GP,GR

91-94 0833022

## ~~~~~ CLUTCH PARTS ~~~~~ (Part Codes)

Plates Springs

GSX1100ET/EX/EZ/SZ VC335 SK303

GSX1100SD/ESD 83 N/A SK303

GSX1100EFE/EFG 84-88 VC335 SK303

GSX1100FJ/FL/FM/FN VC377 SK321

GSX1100GM/GN/GP 91-94 VC381 N/A

## ~~~~~ WEIGHTS ~~~~~

Dry Wet

GSX1100EF-LT-EZ 237kg

GSX1100T-ET-EX 243kg

GSX1100S 232kg

## ~~~~~ IDENTIFICATION OF MODEL ~~~~~

(AUG 79) GSX1100ET (1074cc) Introduced as a heavyweight tourer with

leading axle front forks and 16 valve engine 19 inch front 17 inch rear alloy wheels with twin front single rear disc brake (OCT 80) GSX1100EX (1074cc) Replaces the GSX1100ET with minor detail changes and Black finished engine, finished Red or Blue or Black or Silver

(FEB 81) GSX1100SZ Katana (1074cc) Introduced as a full Katana styled version of the GSX1100EX with angular top fairing and Silver finished frame, Black finished engine and exhausts with a Black and Grey two tone dual seat, finished in Silver.

(JUL 82) GSX1100EZ (1074cc) Replaces the GSX1100EX with the anti dive front forks no longer the leading axle type, grabrail no longer fitted, finished in Silver

(JUL 82) GSX1100SD Katana (1074cc) Replaces the GSX1100SZ with revised graphics and new Orange/Red two tone seat, Orange top to the fuel tank and Orange stripes on the fairing

(FEB 83) GSX1100ESD (1074cc) Introduced with the same spec as the GSX1100EZ but with a half fairing and new Black finished engine, finished in Blue/White

(MAR 84) GSX1100EZ (1074cc) Discontinued

(MAR 84) GSX1100EFE (1135cc) Sports version with full fairing Silver finished box section frame, 16 inch front 18 inch 6 spoke alloy wheels, anti dive front forks, Black finished engine and exhausts, stepped dual seat finished in Blue or White

(MAR 85) GSX1100ESD (1074cc) Discontinued

(JUN 85) GSX1100SD (1074cc) Discontinued

(JUL 85) GSX1100EF (1135cc) Introduced, no fairing, but spec is the same as the GSX1100EFE

(MAR 85) GSX1100EFF (1135cc) Replaces the GSX1100EFE finished in Red or Black

(MAR 86) GSX1100EG (1135cc) Replaces the GSX1100EF still unfaired available in the additional finish of Red/White

(SEP 86) GSX1100EFG (1135cc) Introduced, same specification as the GSX1100EFF, with the full fairing, but new additional finish Red/White,

(FEB 87) GSX1100EFF (1135cc), Full fairing, discontinued

(OCT 87) GSX1100FJ (1127cc), Introduced as a sports tourer with 16 valve engine, 5 spd gearbox, 16 inch 3 spoke alloy wheels twin front discs with Gold finished disc centres and single rear disc all three with Gold finished calipers, steel double cradle frame with back bone spars, 4 into 2 exhaust with Silver finish silencers, the full touring fairing has an electrically powered height adjustable windscreen, wide dual seat with twin pillion grabrails, finished in Maroon or Blue

(OCT 88) GSX1100EG (1135cc) Unfaired discontinued

(OCT 88) GSX1100EFG (1135cc) Full fairing discontinued

(JAN 90) GSX1100FL (1127cc) Replaces the GSX1100FJ changes include a longer swingarm to aid staight line stability, rubber mounted engine, modified rear suspension and revised head angle revised graphics and new finishes in Blue or Black/Grey

(JAN 91) GSX1100FM (1127cc) Replaces the GSX1100FL with revised graphics and new finishes in Black/Grey or Red

(APR 91) GSX1100GM (1127cc) Heavyweight roadster introduced with Retro styling, fitted with the GSXR1100 Slingshot engine, with 5 spd gearbox shaft driven, 18 inch front 17 inch rear 6 spoke alloy wheels with twin front single rear drilled disc brakes, hydraulic clutch, chromed, round headlight, 4 into 2 exhausts and twin instruments, finished in Maroon.

(JAN 92) GSX1100FN (1127cc) Introduced in the same specification as the GSX1100FM with revised finishes in Red/Maroon and Purple/Silver.

(MAY 92) GSX1100GN (1127cc) Replaces the GSX11GM with detail changes and modifications to the final drive, chrome finishes changed to gunmetal

(JAN 94) GSX1100FR (1127cc) Replaces the GSX1100FN with revised graphics.

(DEC 94) GSX1100GN (1127cc) Discontinued

(JAN 96) GSX1100FR (1127cc) Discontinued

See also GS1100 for Direct Import GS1100 in same spec as GSX1100