



SERVICE INFORMATION



stg

YAMAHA

FZR1000(F) '94
3GM-SE4

SERVICE INFORMATION

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1st Edition, December 1993
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FOREWORD

This Service Information has been prepared to introduce new service and data for the FZR1000(F) '94. For complete service information procedures it is necessary to use this publication together with the following microfiche service manual.

FZR1000(W ~ F) '89 ~ '94 SERVICE MANUAL: 3GM-ME4

FZR1000 '89(W) SERVICE INFORMATION: 3GM-SE1

FZR1000 '90(A) SERVICE INFORMATION: 3GM-SE2

FZR1000 '91(B) SERVICE INFORMATION: 3GM-SE3

**FZR1000(F) '94
SERVICE INFORMATION**

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NOTICE

This manual was written by the Yamaha Motor Company primarily for use by Yamaha dealers and their qualified mechanics. It is not possible to put an entire mechanic's education into one manual, so it is assumed that persons using this book to perform maintenance and repairs on Yamaha motorcycles have a basic understanding of the mechanical concepts and procedures inherent in motorcycle repair technology. Without such knowledge, attempted repairs or service to this model may render it unfit to use and/or unsafe.

Yamaha Motor Company, Ltd. is continually striving to improve all models manufactured by Yamaha. Modifications and significant changes in specifications or procedures will be forwarded to all Authorized Yamaha dealers and will, where applicable, appear in future editions of this manual.

HOW TO USE THIS MANUAL

PARTICULARLY IMPORTANT INFORMATION

This material is distinguished by the following notation.



The Safety Alert Symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



Failure to follow WARNING instructions could result in severe injury or death to the motorcycle operator, a bystander, or a person inspecting or repairing the motorcycle.



A CAUTION indicates special precautions that must be taken to avoid damage to the motorcycle.

NOTE:

A NOTE provides key information to make procedures easier or clearer.

MANUAL FORMAT

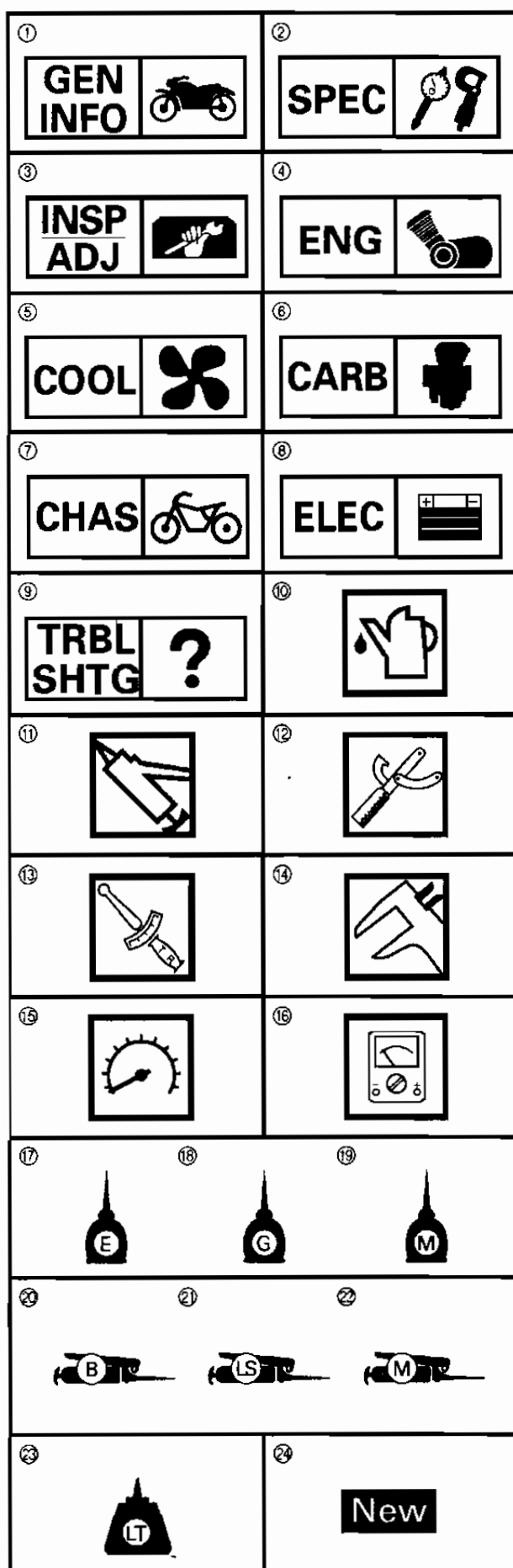
All of the procedures in this manual are organized in a sequential, step-by-step format. The information has been compiled to provide the mechanic with an easy to read, handy reference that contains comprehensive explanations of all disassembly, repair, and assembly, inspection operations.

In this revised format, the condition of a faulty component will precede an arrow symbol and the course of action required will follow the symbol, e.g.,

- Bearings
Pitting/Damage → Replace.

EXPLODED DIAGRAM

Each chapter provides exploded diagrams before each disassembly section for ease in identifying correct disassembly and assembly procedures.



ILLUSTRATED SYMBOLS

(Refer to the illustration)

Illustrated symbols ① to ⑨ are designed as thumb tabs to indicate the chapter's number and content.

- ① General information
- ② Specifications
- ③ Periodic inspection and adjustment
- ④ Engine
- ⑤ Cooling system
- ⑥ Carburetion
- ⑦ Chassis
- ⑧ Electrical
- ⑨ Troubleshooting

Illustrated symbols ⑩ to ⑯ are used to identify the specifications appearing in the text.

- ⑩ Filling fluid
- ⑪ Lubricant
- ⑫ Special tool
- ⑬ Tightening
- ⑭ Wear limit, clearance
- ⑮ Engine speed
- ⑯ Ω, V, A

Illustrated symbols ⑰ to ㉔ in the exploded diagram indicate grade of lubricant and location of lubrication point.

- ⑰ Apply engine oil
- ⑱ Apply gear oil
- ⑲ Apply molybdenum disulfide oil
- ㉑ Apply wheel bearing grease
- ㉒ Apply lightweight lithium-soap base grease
- ㉓ Apply molybdenum disulfide grease
- ㉔ Apply locking agent (LOCTITE®)
- ㉕ Use new one

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MOTORCYCLE IDENTIFICATION

**GEN
INFO**



GENERAL INFORMATION MOTORCYCLE IDENTIFICATION

VEHICLE IDENTIFICATION NUMBER

(For AUS, NZ and E)

The vehicle identification number ① is stamped into the right side of the steering head.

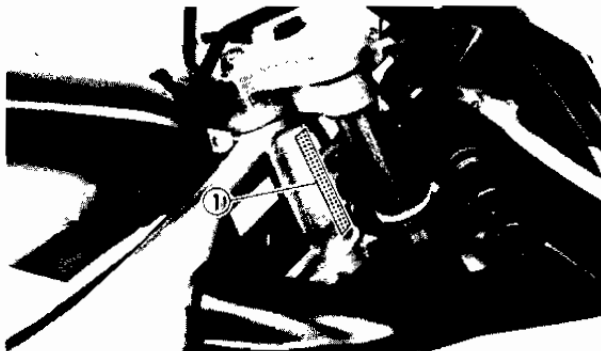
Starting serial number:

JYA3LJT0*RA007101 (AUS)(NZ)

JYA3GMS0*RA055101 (E)

NOTE:

The vehicle identification number is used to identify your motorcycle and may be used to register your motorcycle with the licensing authority in your state.



FRAME SERIAL NUMBER

(Except for AUS, NZ and E)

The frame serial number ① is stamped into the right side of the steering head.

Starting serial number:

3GM-049101 (B)(NL)(N)(PRT)(GR)(DK)

3LE-038101 (D)(S)(SF)

3LF-034101 (F)

3LG-019101 (GB)

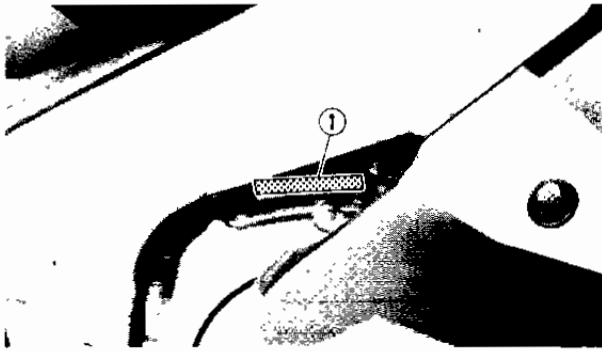
3LH-019101 (CH)(A)

NOTE:

The first three digits of these numbers are for model identifications; the remaining digits are the unit production number.

MOTORCYCLE IDENTIFICATION

**GEN
INFO**



ENGINE SERIAL NUMBER

The engine serial number ① is stamped into crankcase.

Starting serial number:

3LJ-007101 (AUS)(NZ)

3GM-055101 (E)

3GM-049101 (B)(NL)(N)(PRT)(GR)(DK)

3LE-038101 (D)(S)(SF)

3LF-034101 (F)

3LG-019101 (GB)

3LH-019101 (CH)(A)

NOTE:

- The first three digits of these numbers are for model identification; the remaining digits are the unit production number.
- Designs and specifications are subject to change without notice.

GENERAL SPECIFICATIONS

SPEC



SPECIFICATIONS

GENERAL SPECIFICATIONS

Model	FZR1000
Model code number:	3GME (B)(NL)(N)(PRT)(GR)(DK) 3GMF (E) 3LE6 (D)(S)(SF) 3LF6 (F) 3LG6 (GB) 3LH6 (CH)(A) 3LJ6 (AUS)(NZ)
Engine starting number:	3GM-049101 (B)(NL)(N)(PRT)(GR)(DK) 3GM-055101 (E) 3LE-038101 (D)(S)(SF) 3LF-034101 (F) 3LG-019101 (GB) 3LH-019101 (CH)(A) 3LJ-007101 (AUS)(NZ)
Frame starting number:	3GM-049101 (B)(NL)(N)(PRT)(GR)(DK) 3LE-038101 (D)(S)(SF) 3LF-034101 (F) 3LG-019101 (GB) 3LH-019101 (AUS)(NZ)
Vehicle identification number:	JYA3GMS0*RA055101 (E) JYA3LJT0*RA007101 (AUS)(NZ)
Dimensions: Overall length Overall width Overall height Seat height Wheel base Minimum ground clearance	2,205 mm (86.8 in) 775 mm (30.5 in) 1,165 mm (45.9 in) 780 mm (30.7 in) 1,470 mm (57.9 in) 135 mm (5.3 in)
Engine: Engine type Cylinder arrangement Displacement Bore × Stroke Compression ratio Compression pressure (STD) Starting system	Liquid cooled 4-stroke, gasoline, DOHC 4-cylinder parallel 1,002 cm ³ 75.5 × 56.0 mm (2.972 × 2.205 in) 12:1 10.8:1 (F) 1,400 kPa (14 kg/cm ² , 199 psi) 1,350 kPa (13.5 kg/cm ² , 192 psi) (F) Electric starter
Radiator capacity (including all routes):	2.4 L (2.11 Imp qt, 2.54 US qt)
Spark plug: Type Manufacturer Spark plug gap	DR8EA-L / X24ESR-U NGK / NIPPON-DENSO 0.6 ~ 0.7 mm (0.024 ~ 0.028 in)

GENERAL SPECIFICATIONS

SPEC



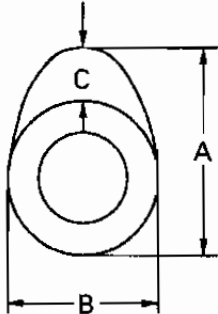
Model		FZR1000
Chassis:		
Frame type		Diamond
Caster angle		26.4°
Trail		108 mm (4.25 in)
Tire:		
Type		Tubeless
Size	front	130/60 ZR 17
	rear	130/60 VR 17-V280 (E)(DK)
Manufacturer / Type	front	170/60 ZR 17
	rear	170/60 VR 17-V280 (E)(DK)
	front	MICHELIN / A59X
	rear	BRIDGESTORNE / CY17
	front	PIRELLA / MP7S
	rear	DUNLOP / K510F (E)(DK)
	front	MICHELIN / M59X
	rear	BRIDGESTORNE / CY20
	front	PIRELLA / MP7S
	rear	DUNLOP / K510 (E)(DK)
Maximum load:		174 kg (384 lb)
Bulb wattage × quantity:		
Headlight		12 V 60 W / 55 W + 60 W
		12 V 35 W / 35 W × 2 (GB)(AUS)(NZ)
Auxiliary light		12 V 5 W × 1 (for Europe)
Tail/brake light		12 V 5 W / 21 W
Flasher light		12 V 21 W × 4
Licence light		12 V 5 W × 2
Meter light		12 V 1.7 W × 4
Indicator light		
NEUTRAL		12 V 3.4 W × 1
TURN		12 V 3.4 W × 1
OIL LEVEL		12 V 3.4 W × 1
HIGH BEAM		12 V 3.4 W × 1

MAINTENANCE SPECIFICATIONS

SPEC


MAINTENANCE SPECIFICATIONS

ENGINE

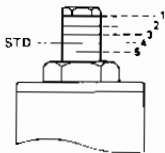
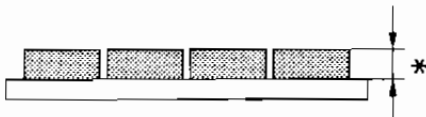
Model		FZR1000
Camshaft:		
Drive method		Chain drive (Center)
Cam cap inside diameter (I1, I4, E1, E4)		24.470 ~ 24.491 mm (0.9634 ~ 0.9642 in)
Cam cap inside diameter (I2, I3, E2, E3)		24.500 ~ 24.521 mm (0.9646 ~ 0.9654 in)
Camshaft outside diameter		24.437 ~ 24.450 mm (0.9621 ~ 0.9626 in)
Shaft-to-cap clearance (I1, I4, E1, E4)		0.020 ~ 0.054 mm (0.0008 ~ 0.0021 in)
Shaft-to-cap clearance (I2, I3, E2, E3)		0.050 ~ 0.084 mm (0.0020 ~ 0.0033 in)
Cam dimensions		
		
Intake	"A"	32.55 ~ 32.65 mm (1.281 ~ 1.285 in)
		30.20 ~ 30.30 mm (1.189 ~ 1.193 in) (F)
	<Limit>	<32.45 mm (1.278 in)>
		<30.10 mm (1.185 in)> (F)
	"B"	24.95 ~ 25.05 mm (0.982 ~ 0.986 in)
	<Limit>	<24.85 mm (0.978 in)>
Exhaust	"C"	7.5 ~ 7.7 mm (0.295 ~ 0.303 in)
		5.15 ~ 5.35 mm (0.203 ~ 0.211 in) (F)
	"A"	32.95 ~ 33.05 mm (1.297 ~ 1.301 in)
		30.20 ~ 30.30 mm (1.189 ~ 1.193 in) (F)
	<Limit>	<32.85 mm (1.293 in)>
		<30.10 mm (1.185 in)> (F)
	"B"	24.95 ~ 25.05 mm (0.982 ~ 0.986 in)
	<Limit>	<24.85 mm (0.978 in)>
	"C"	7.75 ~ 7.95 mm (0.305 ~ 0.313 in)
		5.15 ~ 5.35 mm (0.203 ~ 0.211 in) (F)

MAINTENANCE SPECIFICATIONS

SPEC




CHASSIS

Model	FZR1000												
Front suspension: Front fork travel Fork spring free length <Limit> Spring rate (K1) Stroke (K1) Optional spring Oil capacity Oil level Oil grade Adjustment	120 mm (4.72 in) 340 mm (13.4 in) <335 mm (13.2 in)> 8.0 N/mm (0.80 kg/mm, 44.8 lb/in) 0 ~ 120 mm (0.00 ~ 4.72 in) No 470 cm ³ (16.5 Imp oz, 15.9 US oz) 78 mm (3.07 in) Suspension oil "01" or equivalent												
	<table><tr><th></th><th colspan="3">HARD</th><th>STD</th><th>SOFT</th></tr><tr><th>Adjusting position</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th></tr></table>		HARD			STD	SOFT	Adjusting position	1	2	3	4	5
	HARD			STD	SOFT								
Adjusting position	1	2	3	4	5								
Rear suspension: Shock absorber travel Spring free length Fitting length Spring rate (K1) Stroke (K1) Optional spring Enclosed gas / Air pressure (STD)	70 mm (2.76 in) 218 mm (8.58 in) 200 mm (7.87 in) 70 N/mm (7.0 kg/mm, 392 lb/in) 0 ~ 70 mm (0.00 ~ 2.76 in) No 1,200 kPa (12 kg/cm ² , 171 psi)												
Front disc brake: Type Disc outside diameter × thickness Pad thickness inner <Limit> Pad thickness outer <Limit>	Dual 320 × 4 mm (12.6 × 0.16 in) 5 mm (0.20 in) <0.5 mm (0.20 in)> 5 mm (0.20 in) <0.5 mm (0.20 in)>												
													
Master cylinder inside diameter Caliper cylinder inside diameter Brake fluid type	15.87 mm (0.62 in) 26.9 mm (1.06 in) + 26.9 mm (1.06 in) + 25.4 mm (1.00 in) DOT #4												
Rear disc brake: Type Disc outside diameter × thickness Pad thickness inner <Limit> Pad thickness outer <Limit>	Single 267 × 5 mm (10.51 × 0.20 in) 5.5 mm (0.22 in) <0.5 mm (0.02 in)> 5.5 mm (0.22 in) <0.5 mm (0.02 in)>												

MAINTENANCE SPECIFICATIONS

SPEC



Model	FZR1000
 <p>Master cylinder inside diameter Caliper cylinder inside diameter Brake fluid type</p>	<p>14 mm (0.55 in) 42.85 mm (1.69 in) DOT #4</p>
<p>Clutch:</p> <p>Master cylinder inside diameter Release cylinder inside diameter Brake fluid type</p>	<p>15.87 mm (0.62 in) 38.1 mm (1.50 in) DOT #4</p>

MAINTENANCE SPECIFICATIONS

SPEC

Tightening torques

Part to be tightened	Thread size	Tightening torque			Remarks
		Nm	m.kg	ft-lb	
Front axle	M18	150	15.0	110	Refer to "NOTE"
Front axle pinch	M8	20	2.0	14	
Front fender	M6	6	0.6	4.3	
Under bracket and outer tube	M8	23	2.3	17	
Handle crown and outer tube	M8	26	2.6	19	
Handle crown and steering stem	M22	110	11.0	80	
Lower ring nut (steering shaft)	M22	-	-	-	
Brake caliper (front/rear)	M10	35	3.5	25	
Brake disc and wheel (front)	M8	20	2.0	14	
Master cylinder and holder (front brake)	M6	13	1.3	9.4	
Master cylinder cap (front brake)	M5	2	0.2	1.4	
Bleed screw	M8	6	0.6	4.3	
(brake caliper/clutch release cylinder)					
Brake (clutch) hose	M10	26	2.6	19	
Handlebar and handle boss	M8	28	2.8	20	
Handlebar boss and handle crown	M8	28	2.8	20	
Grip end (handlebar)	M16	30	3.0	22	
Engine mounting:					
Pinch bolt (cylinder head side)	M8	22	2.2	16	
Pinch bolt (cylinder side)	M8	22	2.2	16	
Pinch bolt (rear)	M8	15	1.5	11	
Mounting bolt (cylinder head)	M10	40	4.0	29	
Mounting bolt (cylinder)	M10	40	4.0	29	
Mounting bolt (rear - upper)	M10	55	5.5	40	
Mounting bolt (rear - lower)	M10	55	5.5	40	
Footrest bracket and frame (front)	M8	28	2.8	20	
Footrest and footrest bracket (front)	M10	55	5.5	40	
Pivot axle and locknut	M18	130	13.0	94	
Relay arm and frame	M10	48	4.8	35	
Arm and swingarm	M12	74	7.4	53	
Arm and relay arm	M12	74	7.4	53	
Rear shock absorber and frame	M10	40	4.0	29	
Rear shock absorber and relay arm	M10	40	4.0	29	
Footrest bracket and frame (rear)	M8	28	2.8	20	
Master cylinder and frame (rear)	M8	23	2.3	17	
Rear frame and frame	M10	55	5.5	40	
Compression bar (front and rear)	M8	60	6.0	43	
Brake disc and clutch hub	M8	20	2.0	14	
Sprocket and hub (rear)	M10	60	6.0	43	
Rear axle and nut	M18	150	15.0	110	
Side stand bracket and frame	M8	28	2.8	20	
Side stand pivot bolt	M10	46	4.6	33	

MAINTENANCE SPECIFICATIONS

SPEC



Part to be tightened	Thread size	Tightening torque			Remarks
		Nm	m·kg	ft·lb	
Side stand pivot nut	M10	39	3.9	28	
Fuel cock and fuel tank	M6	7	0.7	5.1	
Fuel sender and fuel tank	M6	7	0.7	5.1	

NOTE:

1. Tighten the lower ring nut 52 Nm (5.2 m · kg, 37 ft · lb) by using the torque wrench.
2. Loosen the lower ring nut completely and retighten it 3 Nm (0.3 m · kg, 2.2 ft · lb).
3. Install the upper ring nut, and then align the slots of both ring nut.

MAINTENANCE SPECIFICATIONS

SPEC



ELECTRICAL

Model	FZR1000
Voltage:	12 V
Ignition system:	
Ignition timing (B.T.D.C.)	5° at 1,000 r/min
Advancer type	Electrical type
<div> <p>(B)(NL)(N)(PRT)(GR) (DK)(E)(GB)(AUS)(NZ)</p> </div>	
<div> <p>(CA)(A)</p> </div>	
<div> <p>(F)</p> </div>	

MAINTENANCE SPECIFICATIONS

SPEC



Model	FZR1000
<div data-bbox="461 277 1034 703"> <p>Ignition Timing (B.T.D.C)</p> <p>Engine Speed ($\times 10^3$ r/min)</p> </div> <div data-bbox="1075 613 1222 649">(D)(S)(SF)</div>	
T.C.I.: Pickup coil resistance Color T.C.I. unit model / Manufacturer	135 ~ 165 Ω at 20°C (68°F) White/Red – White/Black BB7225 / HITACHI (B)(NL)(N)(PRT)(GR)(DK) (E)(GB)(AUS)(NZ) BB7226 / HITACHI (D)(S)(SF) BB7231 / HITACHI (CH)(A) BB7277 / HITACHI (F)
Voltage regulator: Type No lead regulated voltage	Semi conductor – Field control type 14.2 ~ 14.8 V
Flasher relay: Type Model / Manufacturer Self cancelling device Flasher frequency Wattage	Full transistor type G8A-101-03 / OMRON No 75 ~ 95 cycle/min 21 W \times 2 + 3.4 W

LUBRICATION POINT AND GRADE OF LUBRICANT

SPEC



LUBRICATION POINT AND GRADE OF LUBRICANT

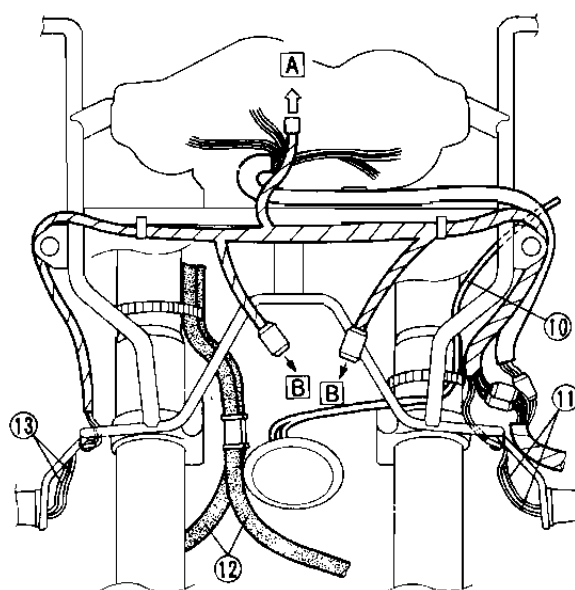
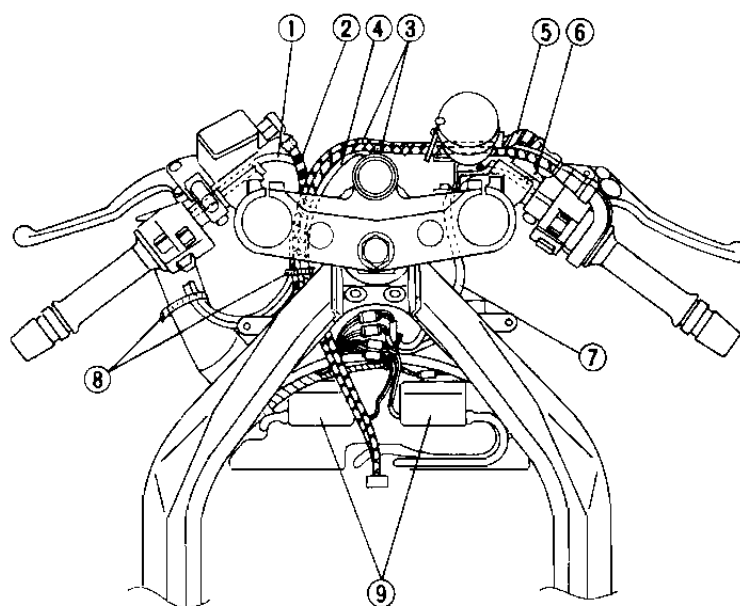
ENGINE

Lubrication Point	Symbol	Grade of Lubricant
Oil seal lip		Lithium-soap base
O-Ring		Lithium-soap base
Bearing		Engine oil
Piston surface		Engine oil
Piston pin		Engine oil
Crankshaft pin		Engine oil
Crankshaft journal		Engine oil
Connecting rod bolt/Nut		Molybdenum disulfide oil
Camshaft cam lode/Journal		Molybdenum disulfide oil
Valve stem (IN, EX)		Molybdenum disulfide oil
Valve stem end (IN, EX)		Engine oil
Water pump impeller shaft		Engine oil
Oil pump rotor (Inner/Outer), housing		Engine oil
Oil strainer assembly		Engine oil
Outer starter clutch surface		Engine oil
Idle gear surface/Bearing		Engine oil
Starter clutch ball		Engine oil
Primary driven gear		Engine oil
Transmission gear (Wheel/Pinion)		Molybdenum disulfide oil
Axle (Main/Drive)		Molybdenum disulfide oil
Shift cam		Engine oil
Shift fork/Guide bar		Engine oil
Shift shaft assembly		Engine oil



CABLE ROUTING

- | | |
|----------------------------------|-------------------------------------|
| ① Handlebar switch leads (left) | ⑩ Horn lead |
| ② Clutch hose | ⑪ Front flasher light leads (left) |
| ③ Throttle cables | ⑫ Front brake hose |
| ④ Main switch lead | ⑬ Front flasher light leads (right) |
| ⑤ Front brake hoses | |
| ⑥ Front brake switch lead | Ⓐ To auxiliary light |
| ⑦ Handlebar switch leads (right) | Ⓑ To headlight |
| ⑧ Band | |
| ⑨ Ignition coil | |

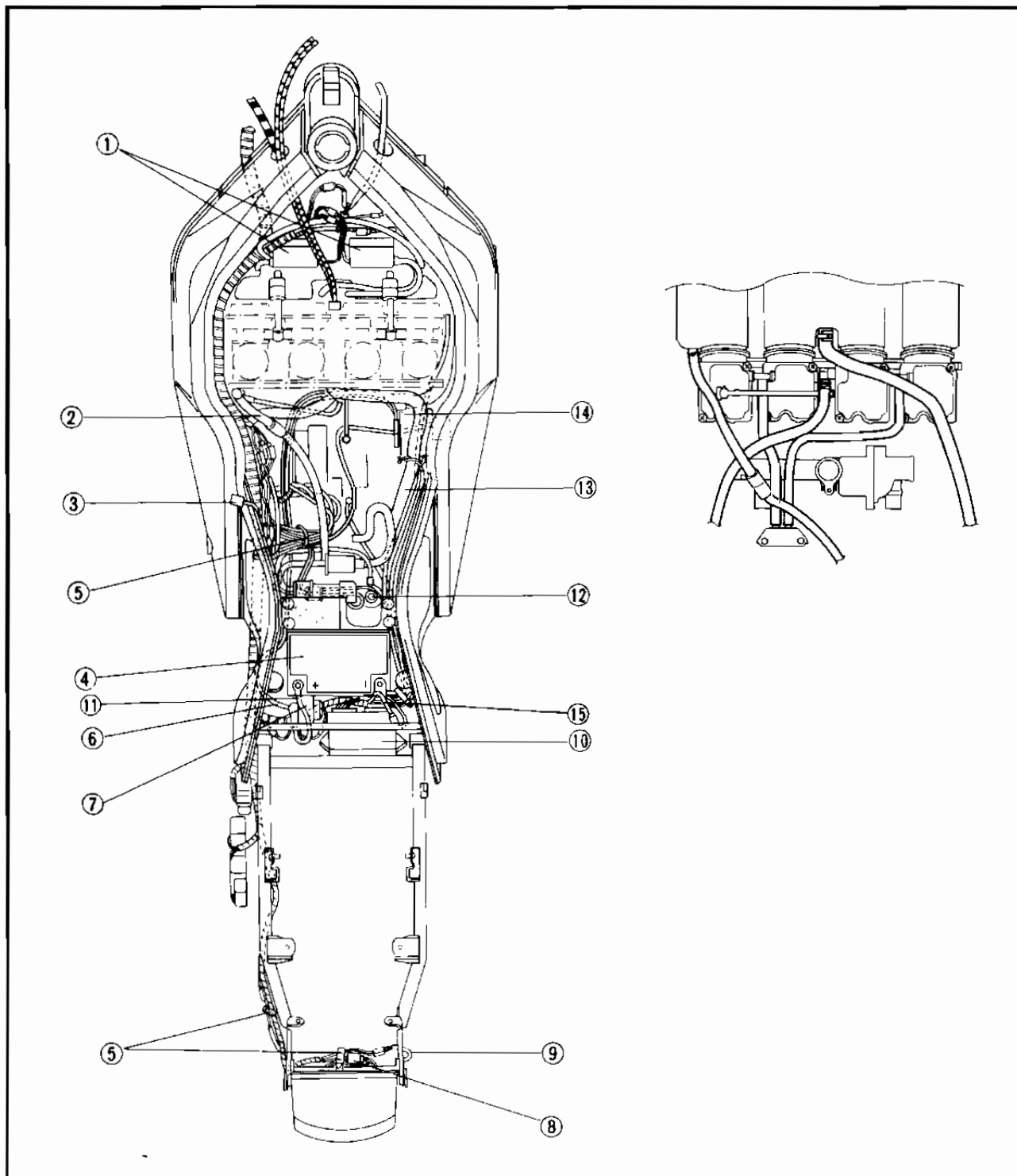


CABLE ROUTING

SPEC



- | | |
|--------------------------------------|----------------------------------|
| ① Ignition coil | ⑧ Tail/brake light coupler |
| ② Ventilation hose (air filter case) | ⑨ Rear flasher light leads |
| ③ Fuel sender | ⑩ Digital ignitor unit |
| ④ Battery | ⑪ Battery positive lead |
| ⑤ Band | ⑫ Sub tank (rear shock absorber) |
| ⑥ Starter motor lead | ⑬ Ventilation hose (crankcase) |
| ⑦ Starter relay | ⑭ EXUP servo motor |

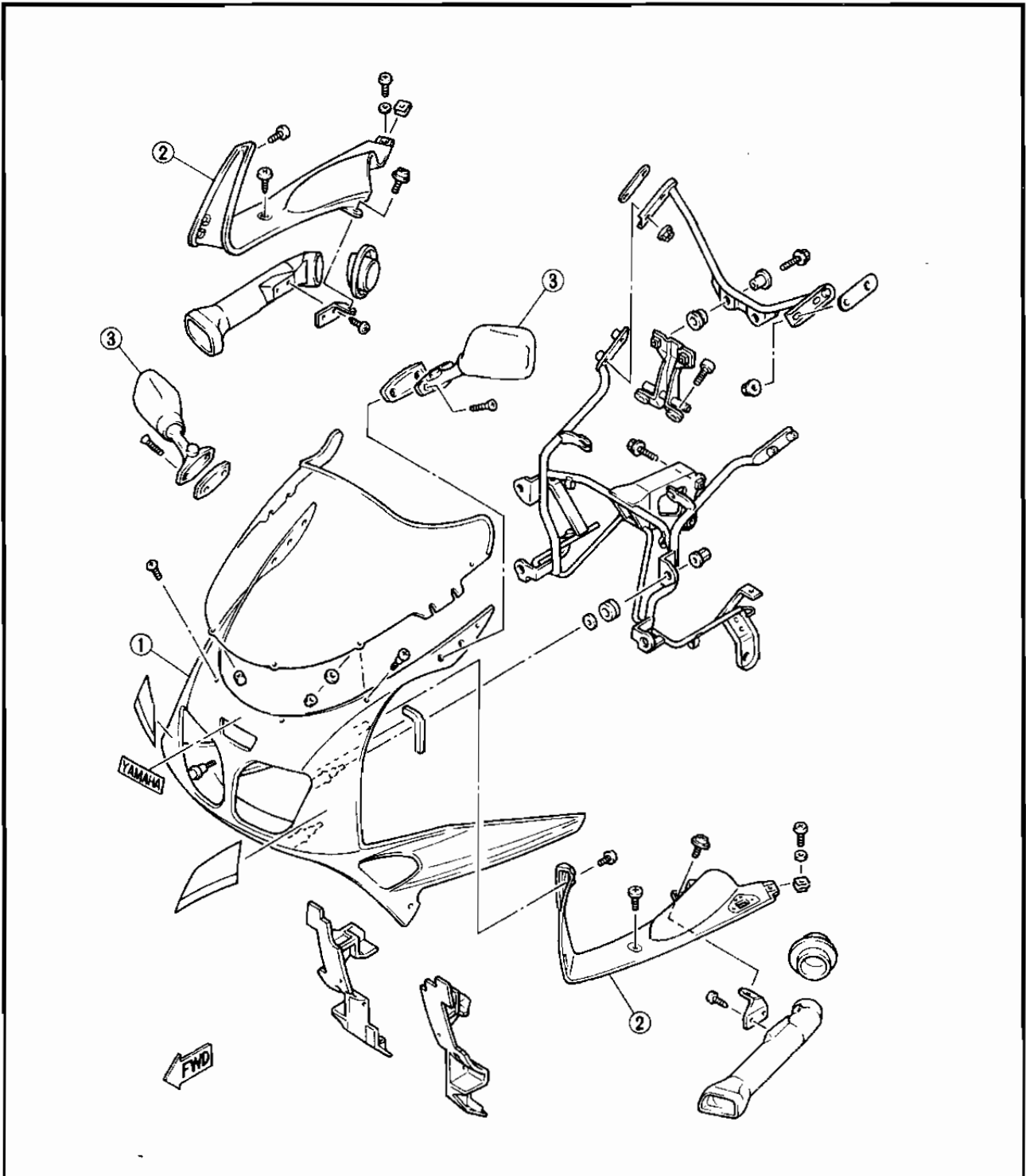




EXPLODED DIAGRAM

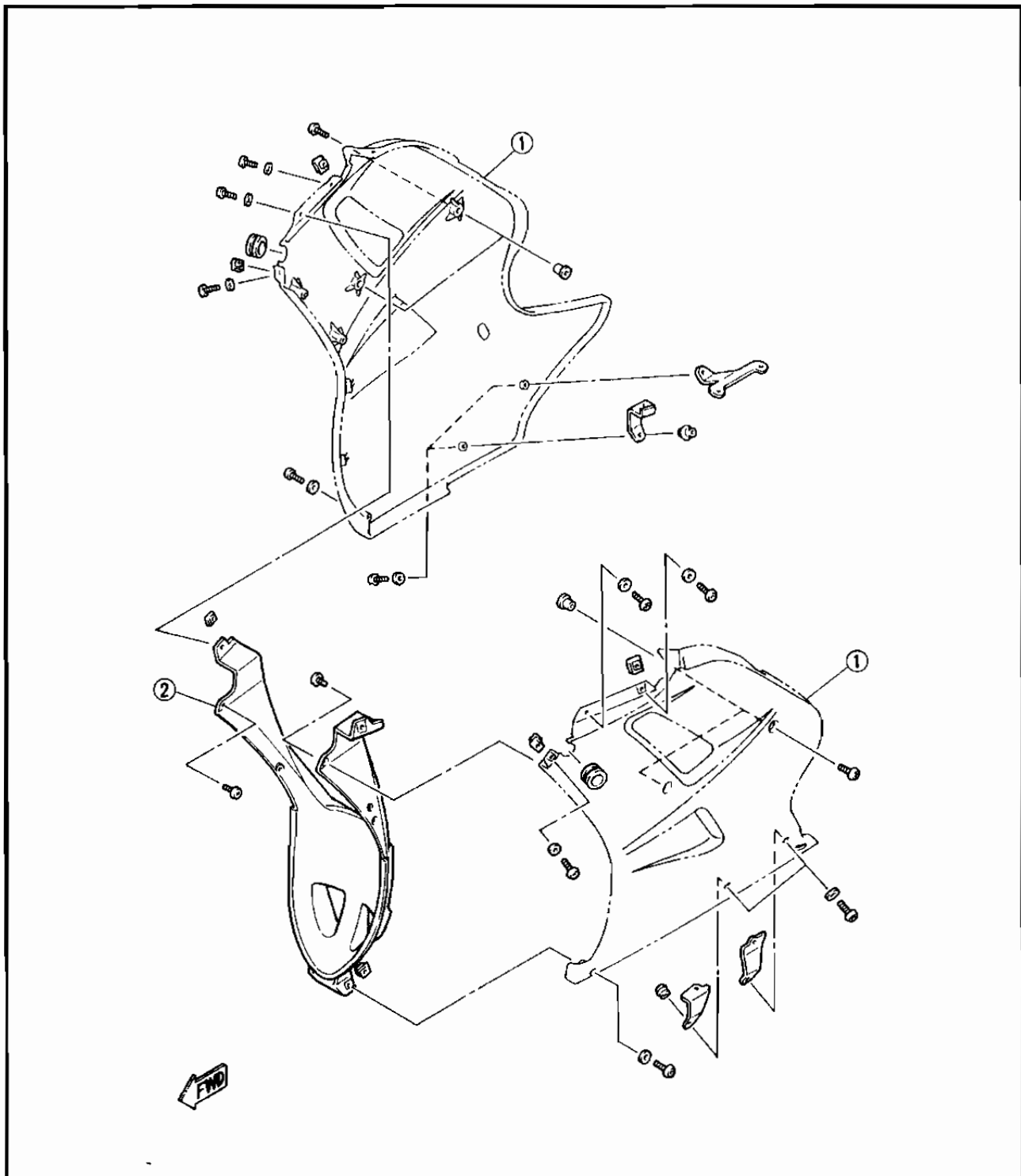
COWLINGS

- ① Upper cowl
- ② Inner cover (left and right)
- ③ Rear view mirror (left and right)





- ① Side cowling (left and right)
- ② Front cover



FRONT AND REAR BRAKE

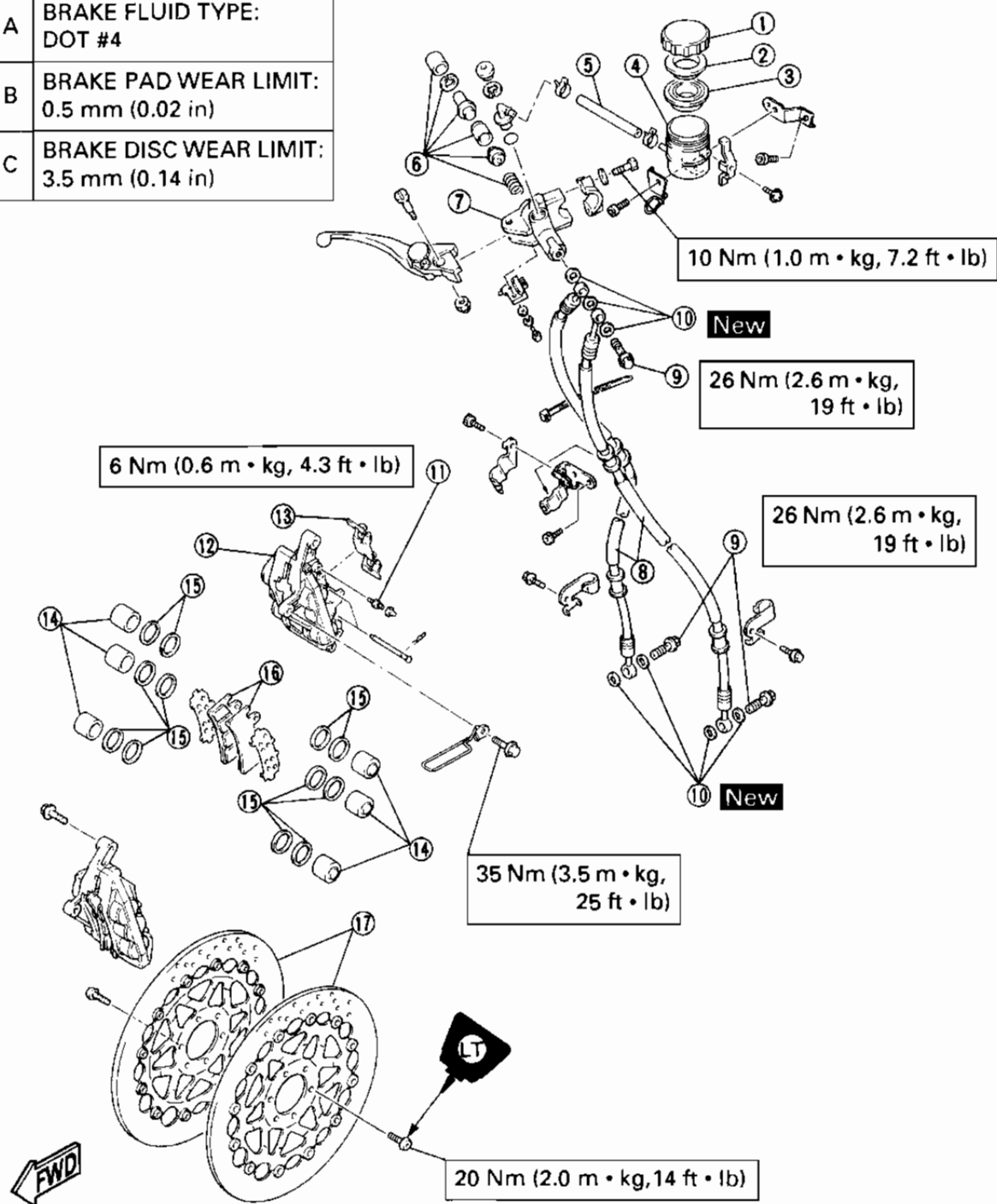
CHAS



FRONT AND REAR BRAKE

- | | | |
|-----------------------|-----------------|--------------|
| ① Reservoir tank cap | ⑨ Union bolt | ⑰ Brake disc |
| ② Holder (diaphragm) | ⑩ Copper washer | |
| ③ Diaphragm | ⑪ Bleed screw | |
| ④ Reservoir tank | ⑫ Brake caliper | |
| ⑤ Reservoir hose | ⑬ Pad spring | |
| ⑥ Master cylinder kit | ⑭ Piston | |
| ⑦ Master cylinder | ⑮ Piston seal | |
| ⑧ Brake hose | ⑯ Brake pad | |

A	BRAKE FLUID TYPE: DOT #4
B	BRAKE PAD WEAR LIMIT: 0.5 mm (0.02 in)
C	BRAKE DISC WEAR LIMIT: 3.5 mm (0.14 in)



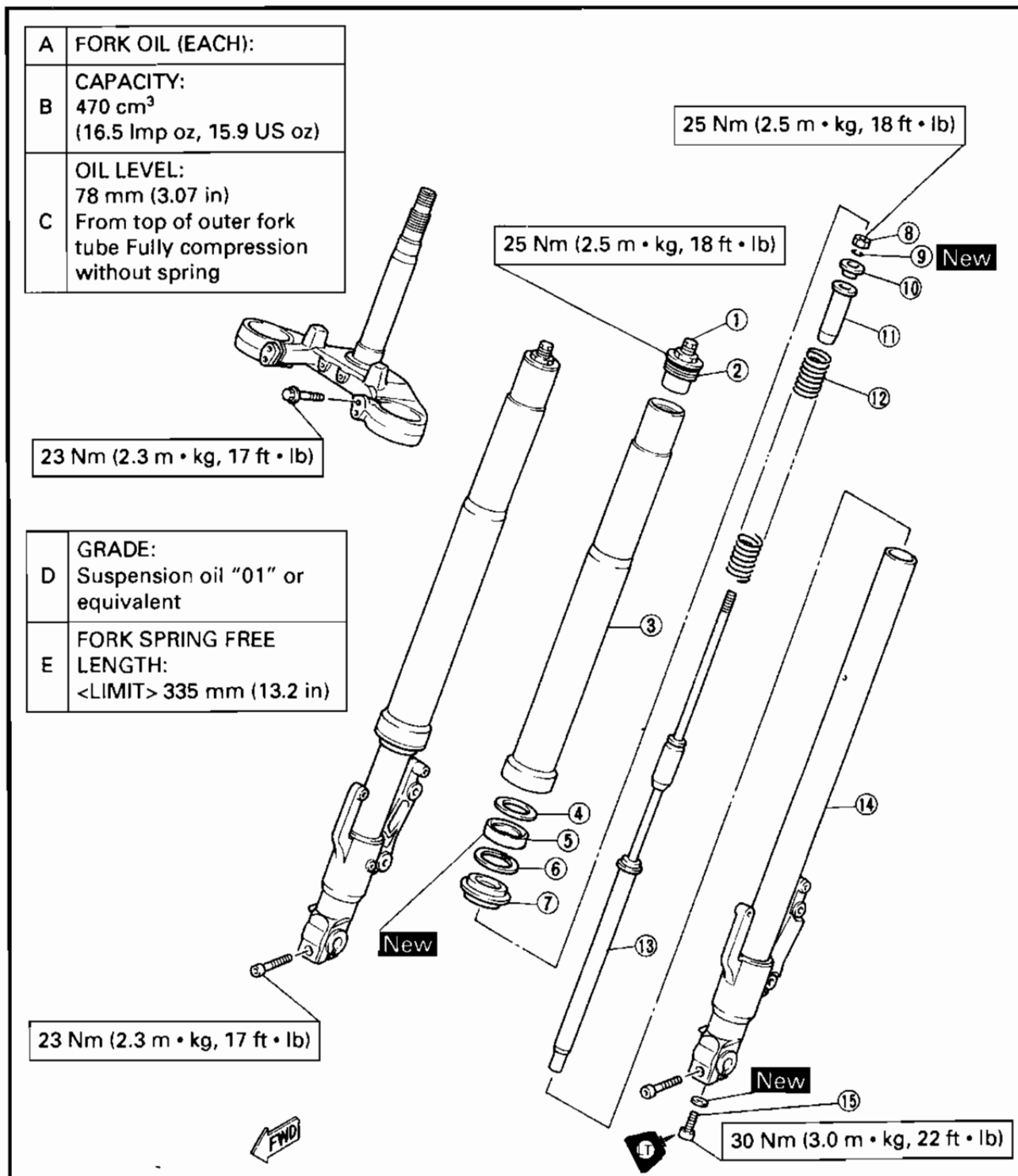
FRONT FORK

CHAS



FRONT FORK

- | | |
|---------------------------|-----------------------|
| ① Spring preload adjuster | ⑩ Spring seat |
| ② Cap bolt | ⑪ Spring guide |
| ③ Outer fork tube | ⑫ Fork spring |
| ④ Plain washer | ⑬ Dumper rod assembly |
| ⑤ Oil seal | ⑭ Inner fork tube |
| ⑥ Circlip | ⑮ Dumper rod bolt |
| ⑦ Dust seal | |
| ⑧ Lock nut | |
| ⑨ Circlip | |



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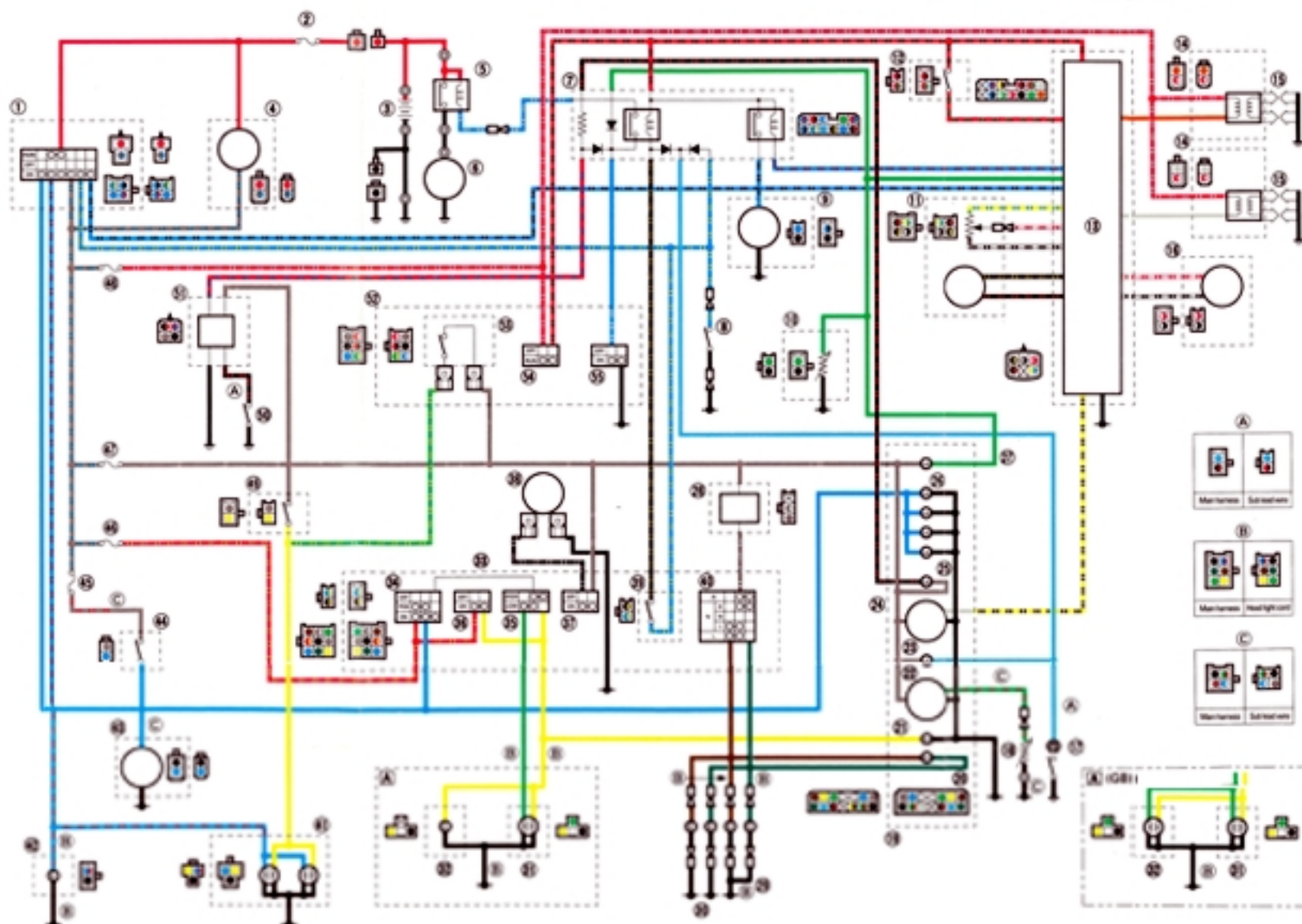
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FZR1000 '94 (For Europe) WIRING DIAGRAM

FZR1000 '94 (Pour l'Europe) PLAN DE CABLAGE

FZR1000 '94 (Für Europa) SCHALTPLAN

FZR1000 '94 (Per l'Europa) SCHEMA IMPIANTO ELETTRICO



1 Main switch
2 Fuse (main)
3 Battery
4 A.C. Generator
5 Starter relay
6 Starter motor
7 Starting circuit cut-off relay
8 Sidestand switch
9 Fuel pump
10 Fuel sender
11 EXUP servomotor
12 "RESERVE" switch
13 Igniter coil
14 Ignition coil
15 Spark plug
16 Pick up coil
17 Neutral switch
18 Throttle unit
19 Master assembly
20 "TURN" indicator light
21 "HIGH BEAM" indicator light
22 Temperature meter
23 "NEUTRAL" indicator light
24 Tachometer
25 "OIL LEVEL" indicator light
26 Meter light
27 Fuel level indicator light
28 Flasher relay
29 Front flasher light
30 Rear flasher light
31 Headlight (left)
32 Headlight (right)
33 Handbrake switch (left)
34 "LIGHTS" switch
35 "LIGHTS" (dimmer) switch
36 "PASS" switch
37 "HORN" switch
38 Horn
39 Clutch switch
40 "TURN" switch
41 Tailbrake light
42 Auxiliary light
43 Fan motor
44 Thermo switch
45 Fuse (fan motor)
46 Fuse (head)
47 Fuse (igniter)
48 Fuse (igniter)
49 Rear brake switch
50 Oil level switch
51 Oil light relay
52 Handbrake switch (right)
53 Front brake switch
54 "ENGINE STOP" switch
55 "START" switch

1 Contacteur à clé
2 Fusible (principal)
3 Batterie
4 Alternateur
5 Relais de démarrage
6 Moteur électrique
7 Relais de coupe-circuit de démarrage
8 Contacteur de télecommande
9 Pompe de carburant
10 Sonde à réservoir
11 Servomoteur EXUP
12 Contacteur "RESERVE"
13 Unité d'allumage
14 Bobine d'allumage
15 Bougie
16 Bobine d'induction
17 Contacteur de point mort
18 Sonde thermique
19 Compresseur
20 Eclairage des clignotants "TURN"
21 Eclairage de feu de route "HIGH BEAM"
22 Jauge de température
23 Eclairage de point mort "NEUTRAL"
24 Compte-tour
25 Eclairage de réservoir d'huile "OIL LEVEL"
26 Eclairage des compteurs
27 Niveau de réservoir de carburant
28 Clignotants avant
29 Clignotants arrière
30 Phare (gauche)
31 Phare (droite)
32 Contacteur au guidon (gauche)
33 Contacteur de phare "LIGHTS"
34 Contacteur de dimmer "LIGHTS"
35 Contacteur d'arrêt de phase "PASS"
36 Contacteur d'alarme "HORN"
37 Alarme
38 Contacteur d'embrayage
39 Contacteur de clignotants "TURN"
40 Frein arrière lumineux
41 Frein auxiliaire
42 Moteur des ventilateurs
43 Contacteur thermique
44 Fusible (moteur des ventilateurs)
45 Fusible (phares)
46 Fusible (clignotants)
47 Fusible (clignotants)
48 Fusible (clignotants)
49 Contacteur de frein arrière
50 Contacteur du réservoir d'huile
51 Relais du témoin du réservoir d'huile
52 Contacteur au guidon (droite)
53 Contacteur de frein avant
54 Contacteur d'arrêt moteur "ENGINE STOP"
55 Contacteur de démarrage "START"

1 Hauptschalter
2 Sicherung (Haupt)
3 Batterie
4 Lichtmaschine
5 Starterrelais
6 Anlasser
7 Starter-Schaltung Unterbrecherrelais
8 Seitenstandschalter
9 Kraftstoffpumpe
10 Kraftstoffsender
11 EXUP-Servomotor
12 Reserveschalter "RESERVE"
13 Zündschalt
14 Zündspule
15 Zündkerze
16 Kurzschlusseinheit
17 Leerlaufschalter
18 Thermostein
19 Instrumentenkompressor
20 Blinkerleuchte "TURN"
21 Fernleuchte "HIGH BEAM"
22 Temperatursens
23 Leerlaufschalter "NEUTRAL"
24 Drehzahlmesser
25 Öleuchte "OIL LEVEL"
26 Instrumentenbeleuchtung
27 Kraftstoffpegelwächter
28 Blinkerleuchte
29 Frontblinkerleuchte
30 Rückblinkerleuchte
31 Scheinwerfer (links)
32 Scheinwerfer (rechts)
33 Handgriffschalter (links)
34 Handgriffschalter (rechts)
35 Lichtschalter "LIGHTS"
36 Dimmerschalter "LIGHTS"
37 Lichtschalter "PASS"
38 Hornschalter "HORN"
39 Horn
40 Kupplungsschalter
41 Blinkerschalter "TURN"
42 Heckbremslicht
43 Standlicht
44 Gebläsemotor
45 Thermostein
46 Sicherung (Gebläsemotor)
47 Sicherung (Scheinwerfer)
48 Sicherung (Signale)
49 Sicherung (Zündung)
50 Hinterradsbremsen
51 Ölschaltrelais
52 Ölleuchte
53 Handgriffschalter (rechts)
54 Vorderbremsen
55 Motorschalter "ENGINE STOP"
56 Starterschalter "START"

1 Constatante principale
2 Fusible (principal)
3 Batterie
4 Générateur A.C.
5 Relais du moteur de démarrage
6 Moteur du moteur de démarrage
7 Relais de interruption du circuit de l'avant
8 Contacteur du carter de télecommande
9 Pompe de carburant
10 Manivelle du carburant
11 Servomoteur EXUP
12 Constatante "RESERVE"
13 Unité d'allumage
14 Bobine d'allumage
15 Spécimen de la scintille
16 Bobine d'induction
17 Constatante morte
18 Unité ignitor
19 Montage des indicateurs
20 Lampes des indicateurs "TURN"
21 Lampes des indicateurs "HIGH BEAM"
22 Indicateur de la température
23 Lampes des indicateurs "NEUTRAL"
24 Tachymètre
25 Lampes des indicateurs "OIL LEVEL"
26 Lampes des indicateurs
27 Lampes des indicateurs du réservoir de carburant
28 Relais du télecommande
29 Lampes des télecommandes frontales
30 Lampes des télecommandes postérieures
31 Phare (gauche)
32 Phare (droite)
33 Contacteur du guidon (gauche)
34 Contacteur "LIGHTS"
35 Constatante (dimmer) "LIGHTS"
36 Constatante "PASS"
37 Constatante "HORN"
38 Signalisation acoustique
39 Constatante de la vitesse
40 Constatante "TURN"
41 Lampes du frein arrière
42 Lampes du témoin de l'huile
43 Relais de la lampe du réservoir d'huile
44 Contacteur du guidon (droite)
45 Constatante du frein avant
46 Constatante "ENGINE STOP"
47 Constatante "START"

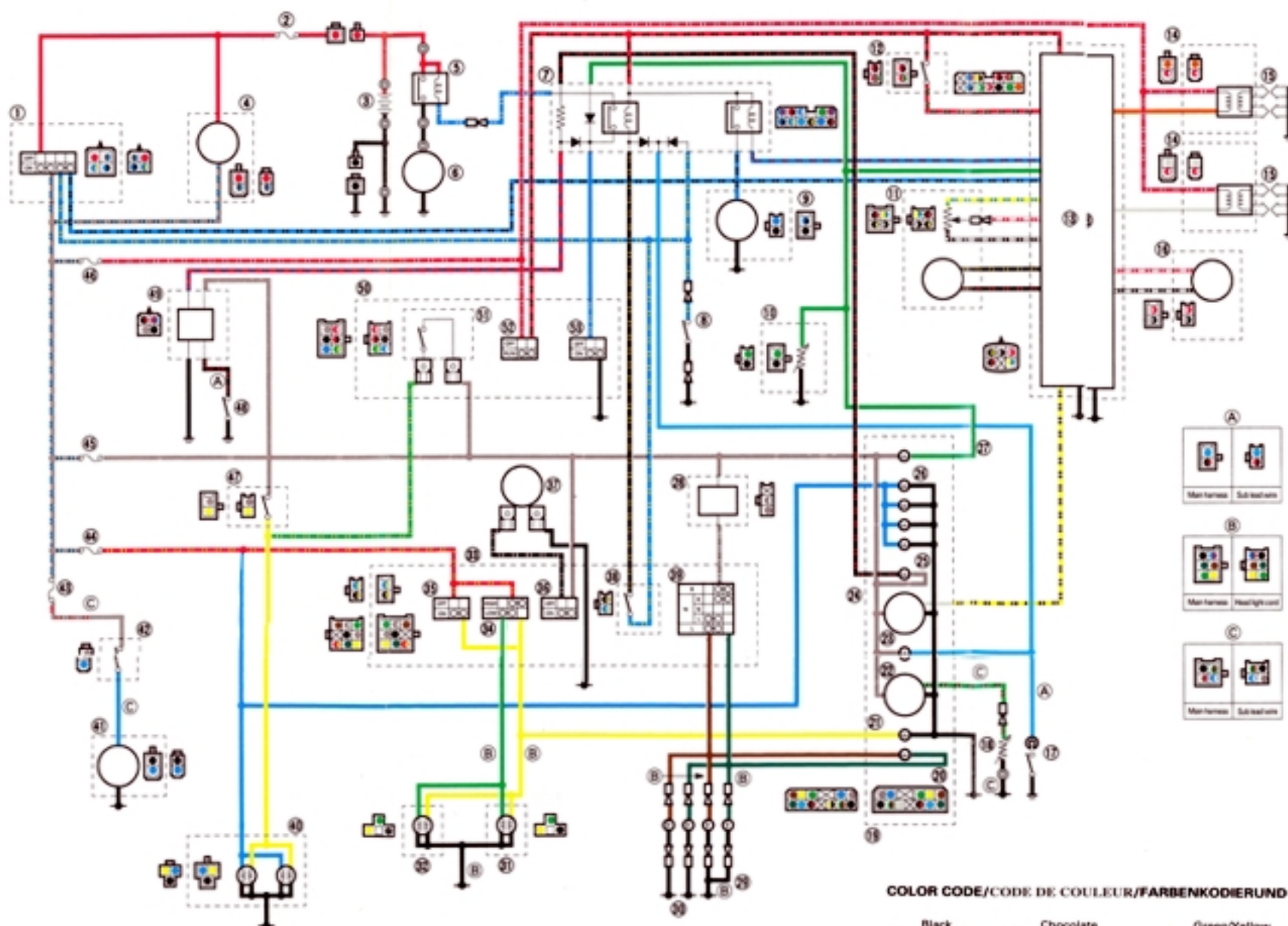
COLOR CODE/CODE DE COULEUR/FARBENKODIERUNG/CODE COLORE

Black Noir Schwarz Nero	Chocolate Cacao Saf. chocolatier Cioccolato	Green/Yellow Vert/Gauche Grün/Gelb Verde/Giallo	Brown/Blue Brun/Blanc Braun/Blau Marrone/Bianco
Blue Bleu Blau Blu	Dark green Vert foncé Dunkelgrün Verde scuro	Green/Red Vert/Rouge Grün/Rot Verde/Rosso	Brown/Red Brun/Rouge Braun/Rot Marrone/Rosso
Green Vert Grün Verde	Black/Yellow Noir/Gauche Saf. noir/Gelb Verde/Giallo	Yellow/Black Jaune/Noir Gelb/Schwarz Giallo/Nero	Brown/White Brun/Blanc Braun/Weiß Marrone/Bianco
Yellow Jaune Gelb Giallo	Black/Red Noir/Rouge Saf. noir/Rot Verde/Rosso	Yellow/Blue Jaune/Blanc Gelb/Blau Giallo/Blu	White/Black Blanc/Noir Weiß/Schwarz Bianco/Nero
Red Rouge Rot Rosso	Black/White Noir/Blanc Saf. noir/Weiß Verde/Bianco	Red/Black Rouge/Noir Rot/Schwarz Rosso/Nero	White/Red Blanc/Rouge Weiß/Rot Bianco/Rosso
Orange Orange Orange Arancio	Black/Black Noir/Noir Saf. Schwarz Verde/Verde	Red/Blue Rouge/Blanc Rot/Blau Rosso/Bianco	White/Green Blanc/Vert Weiß/Grün Bianco/Verde
Brown Brun Braun Marrone	Black/Yellow Noir/Gauche Saf. Gelb Verde/Giallo	Red/Yellow Rouge/Jaune Rot/Gelb Rosso/Giallo	
Gray Gris Grau Grigio	Black/Red Noir/Rouge Saf. Rot Verde/Rosso	Red/Green Rouge/Vert Rot/Grün Rosso/Verde	
Blue/White Bleu/Blanc Blau/Weiß Blu/Bianco	Black/White Noir/Blanc Saf. Weiß Verde/Bianco	Red/White Rouge/Blanc Rot/Weiß Rosso/Bianco	

FZR1000 '94 (Except for Europe) WIRING DIAGRAM

FZR1000 '94 (Excepte pour l'Europe) PLAN DE CABLAGE

FZR1000 '94 (Ausgenommen Europa) SCHALTPLAN



COLOR CODE/CODE DE COULEUR/FARBENKODIERUNG

Black Noir Schwarz	Chocolate Chocolat Schokoladenfarbe	Green/Yellow Vert/Jaune Grün/Gelb	Brown/Blue Brun/Blau Braun/Blau
Blue Bleu Blau	Dark green Vert foncé Dunkelgrün	Green/Red Vert/Rouge Grün/Rot	Brown/Red Brun/Rouge Braun/Rot
Green Vert Grün	Black/Yellow Noir/Jaune Schwarz/Gelb	Yellow/Black Jaune/Noir Gelb/Schwarz	Brown/White Brun/Blanc Braun/Weiß
Yellow Jaune Gelb	Black/Red Noir/Rouge Schwarz/Rot	Yellow/Blue Jaune/Blau Gelb/Blau	White/Black Blanc/Noir Weiß/Schwarz
Red Rouge Rot	Black/White Noir/Blanc Schwarz/Weiß	Red/Black Rouge/Noir Rot/Schwarz	White/Red Blanc/Rouge Weiß/Rot
Orange Orange Orange	Blue/Black Bleu/Noir Blau/Schwarz	Red/Blue Rouge/Blau Rot/Blau	White/Green Blanc/Vert Weiß/Grün
Brown Brun Braun	Blue/Yellow Bleu/Jaune Blau/Gelb	Red/Yellow Rouge/Jaune Rot/Gelb	
Gray Gris Grau	Blue/Red Bleu/Rouge Blau/Rot	Red/Green Rouge/Vert Rot/Grün	
Sky blue Bleu ciel Himmelblau	Blue/White Bleu/Blanc Blau/Weiß	Red/White Rouge/Blanc Rot/Weiß	

- ① Main switch
- ② Fuse (main)
- ③ Battery
- ④ A.C. Generator
- ⑤ Starter relay
- ⑥ Starter motor
- ⑦ Starting circuit cut-off relay
- ⑧ Side stand switch
- ⑨ Fuel pump
- ⑩ Fuel sender
- ⑪ EXUP servo motor
- ⑫ "RESERVE" switch
- ⑬ Ignitor unit
- ⑭ Ignition coil
- ⑮ Spark plug
- ⑯ Pick up coil
- ⑰ Neutral switch
- ⑱ Thermo unit
- ⑲ Meter assembly
- ⑳ "TURN" indicator light
- ㉑ "HIGH BEAM" indicator light
- ㉒ Temperature meter
- ㉓ "NEUTRAL" indicator light
- ㉔ Tachometer
- ㉕ "OIL LEVEL" indicator light
- ㉖ Meter light
- ㉗ Fuel level indicator light
- ㉘ Flasher relay
- ㉙ Front flasher light
- ㉚ Rear flasher light
- ㉛ Headlight (left)
- ㉜ Headlight (right)
- ㉝ Handbrake switch (left)
- ㉞ "LIGHTS" (Dimmer) switch
- ㉟ "PASS" switch
- ㊱ "HORN" switch
- ㊲ Horn
- ㊳ Clutch switch
- ㊴ "TURN" switch
- ㊵ Tail/brake light
- ㊶ Fan motor
- ㊷ Thermo switch
- ㊸ Fuse (fan motor)
- ㊹ Fuse (head)
- ㊺ Fuse (signal)
- ㊻ Fuse (ignition)
- ㊼ Rear brake switch
- ㊽ Oil level switch
- ㊾ Oil light relay
- ㊿ Handbrake switch (right)
- ① Front brake switch
- ② "ENGINE STOP" switch
- ③ "START" switch

- ① Connecteur à oil
- ② Fusible (principal)
- ③ Batterie
- ④ Alternateur
- ⑤ Relais du démarreur
- ⑥ Démarreur électrique
- ⑦ Relais de coupe-circuit de démarrage
- ⑧ Contacteur de béquille levée
- ⑨ Pompe de carburant
- ⑩ Sonde à essence
- ⑪ Servomoteur EXUP
- ⑫ Contacteur "RESERVE"
- ⑬ Unité d'allumage
- ⑭ Bobine d'allumage
- ⑮ Bougie
- ⑯ Bobine d'excitation
- ⑰ Contacteur de point mort
- ⑱ Sonde thermique
- ⑲ Compteur
- ⑳ Témoin de clignotant "TURN"
- ㉑ Témoin de feu de route "HIGH BEAM"
- ㉒ Jauge de température
- ㉓ Témoin de point mort "NEUTRAL"
- ㉔ Compte-tours
- ㉕ Témoin du niveau d'huile "OIL LEVEL"
- ㉖ Éclairage des compteurs
- ㉗ Témoin du niveau de carburant
- ㉘ Relais des clignotants
- ㉙ Clignotants avant
- ㉚ Clignotants arrière
- ㉛ Phare (gauche)
- ㉜ Phare (droite)
- ㉝ Contacteur au guidon (gauche)
- ㉞ Contacteur de rétroviseur "LIGHTS"
- ㉟ Contacteur d'appel de phase "PASS"
- ㊱ Contacteur d'avertisseur "HORN"
- ㊲ Avertisseur
- ㊳ Contacteur d'embrayage
- ㊴ Contacteur de clignotants "TURN"
- ㊵ Frein arrière/brake light
- ㊶ Moteur des ventilateurs
- ㊷ Contacteur thermique
- ㊸ Fusible (moteur des ventilateurs)
- ㊹ Fusible (phares)
- ㊺ Fusible (clignotants)
- ㊻ Fusible (allumage)
- ㊼ Contacteur de frein arrière
- ㊽ Contacteur du niveau d'huile
- ㊾ Relais du témoin du niveau d'huile
- ㊿ Contacteur au guidon (droite)
- ① Contacteur de frein avant
- ② Contacteur d'arrêt moteur "ENGINE STOP"
- ③ Contacteur de démarrage "START"

- ① Hauptschalter
- ② Sicherung (Haupt)
- ③ Batterie
- ④ Lichtmaschine
- ⑤ Lichtmaschine
- ⑥ Anlasser
- ⑦ Starterschaltung-Unterbrecherrelais
- ⑧ Seitenständerrelais
- ⑨ Kraftstoffpumpe
- ⑩ Kraftstoffstandgeber
- ⑪ EXUP-Servomotor
- ⑫ Reservenschalter "RESERVE"
- ⑬ Zündeinheit
- ⑭ Zündspule
- ⑮ Zündkerze
- ⑯ Karbellebensensor
- ⑰ Leerlaufschalter
- ⑱ Thermosteinheit
- ⑲ Instrumentenbaugruppe
- ⑳ Blinkerleuchte "TURN"
- ㉑ Fernlichtleuchte "HIGH BEAM"
- ㉒ Temperaturanzeige
- ㉓ Leerlaufanzeige "NEUTRAL"
- ㉔ Drehzahlmesser
- ㉕ Ölstandanzeige "OIL LEVEL"
- ㉖ Instrumentenbeleuchtung
- ㉗ Kraftstoffniveauleuchte
- ㉘ Blinkerrelais
- ㉙ Frontblinkerrelais
- ㉚ Rückblinkerrelais
- ㉛ Scheinwerfer (links)
- ㉜ Scheinwerfer (rechts)
- ㉝ Handgriffschalter (links)
- ㉞ Abblenderschalter "LIGHTS"
- ㉟ Lichtupenschalter "PASS"
- ㊱ Hornschalter "HORN"
- ㊲ Horn
- ㊳ Kupplungsschalter
- ㊴ Blinkerschalter "TURN"
- ㊵ Heck/Bremslicht
- ㊶ Gebläsemotor
- ㊷ Thermostatschalter
- ㊸ Sicherung (Gebläsemotor)
- ㊹ Sicherung (Scheinwerfer)
- ㊺ Sicherung (Signal)
- ㊻ Sicherung (Zündung)
- ㊼ Hinterradbremmschalter
- ㊽ Ölstandschalter
- ㊾ Ölwauchterrelais
- ㊿ Handgriffschalter (rechts)
- ① Vorderradbremmschalter
- ② Motorstoppschalter "ENGINE STOP"
- ③ Starterschalter "START"