

TROUBLESHOOTING

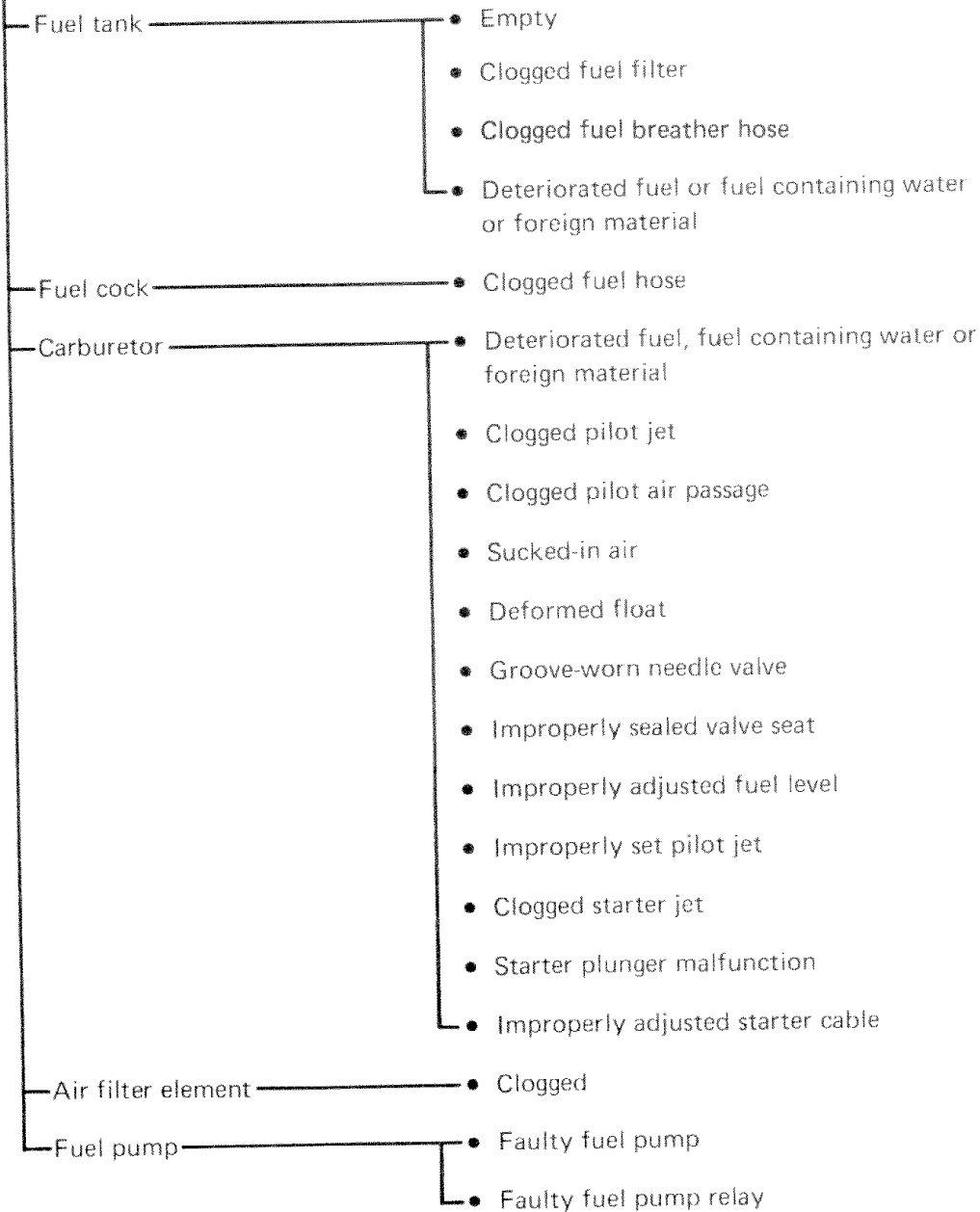
NOTE:

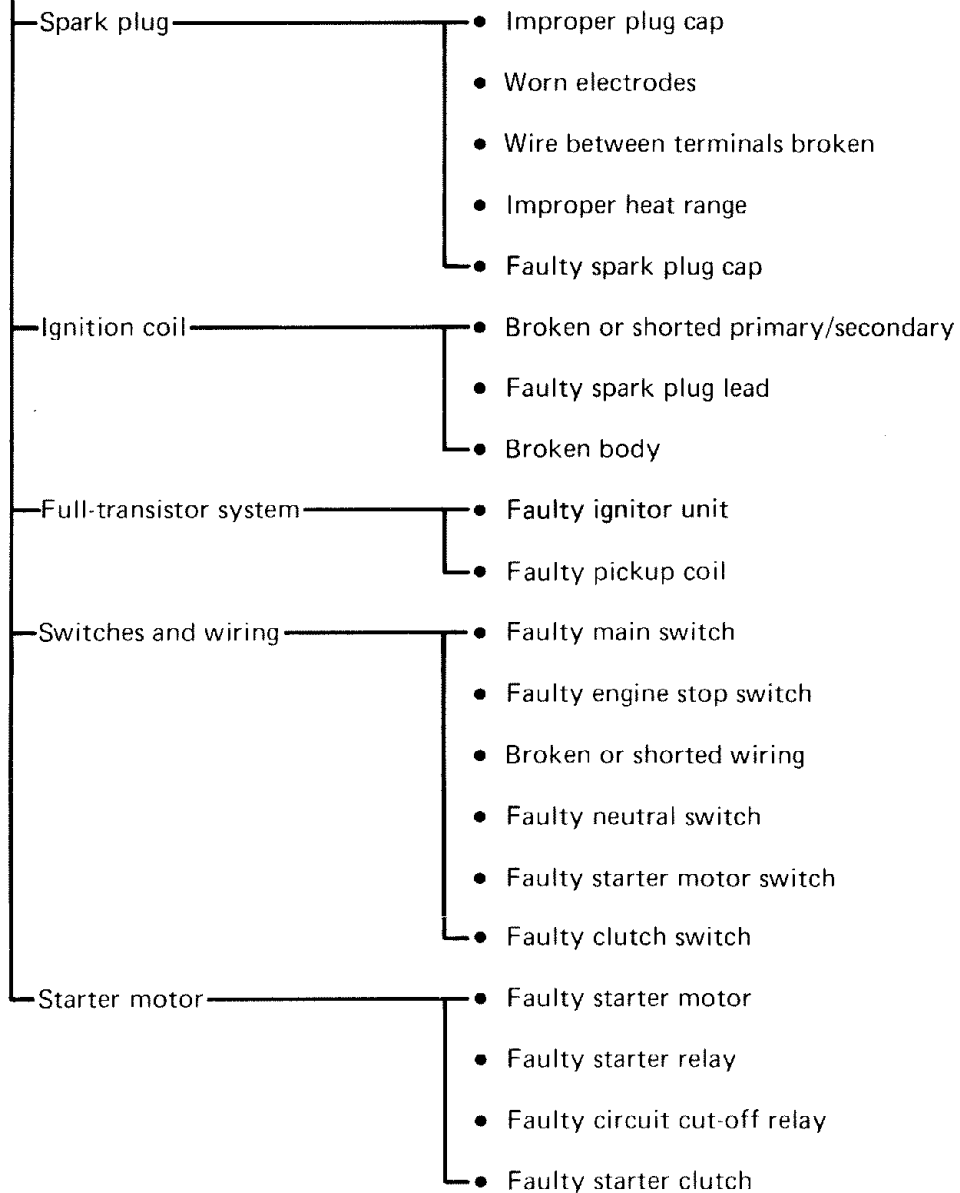
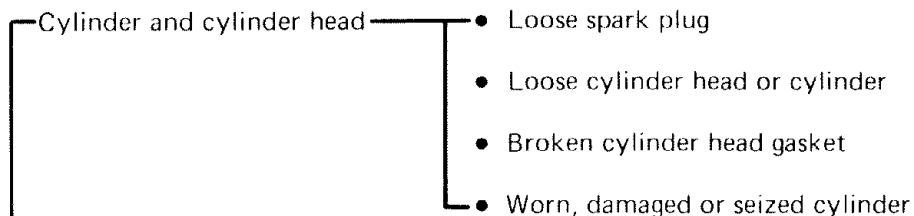
The following troubleshooting does not cover all the possible causes of trouble. It should be helpful, however, as a guide to troubleshooting. Refer to the relative procedure in this manual for inspection, adjustment and replacement of parts.

STARTING FAILURE/HARD STARTING

FUEL SYSTEM

PROBABLE CAUSE



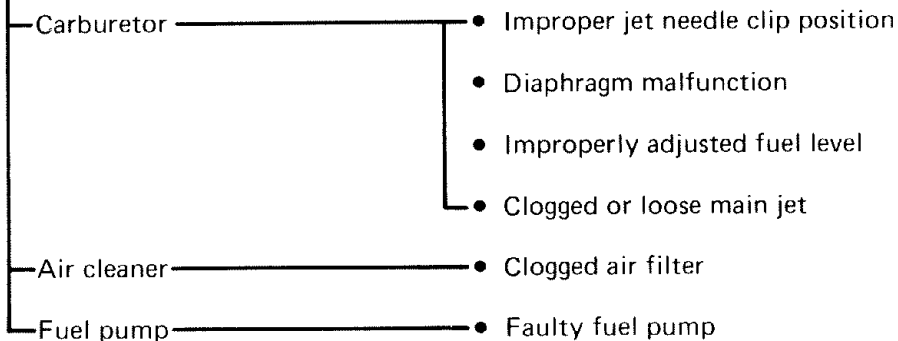
ELECTRICAL SYSTEM**COMPRESSION SYSTEM**

POOR MEDIUM AND HIGH SPEED PERFORMANCE

POOR MEDIUM AND HIGH SPEED PERFORMANCE

Refer to "Starting failure/Hard starting." (Fuel system, electrical system, compression system and valve train)

PROBABLE CAUSE



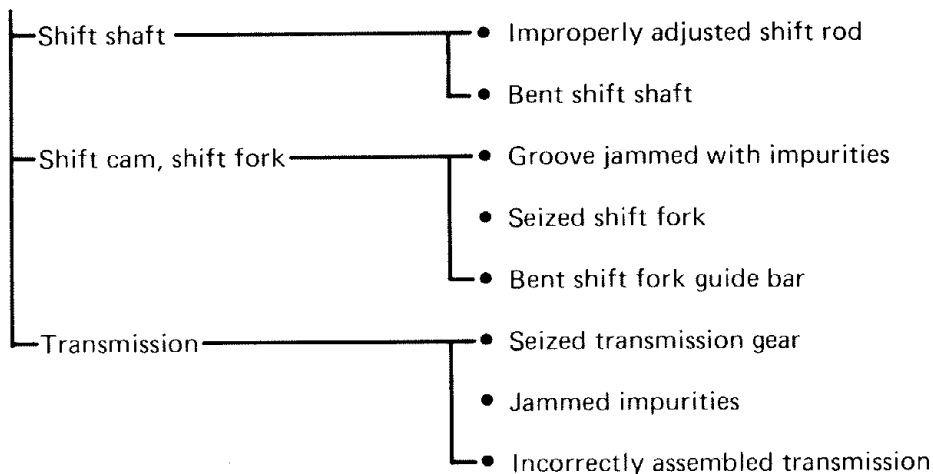
FAULTY GEAR SHIFTING

HARD SHIFTING

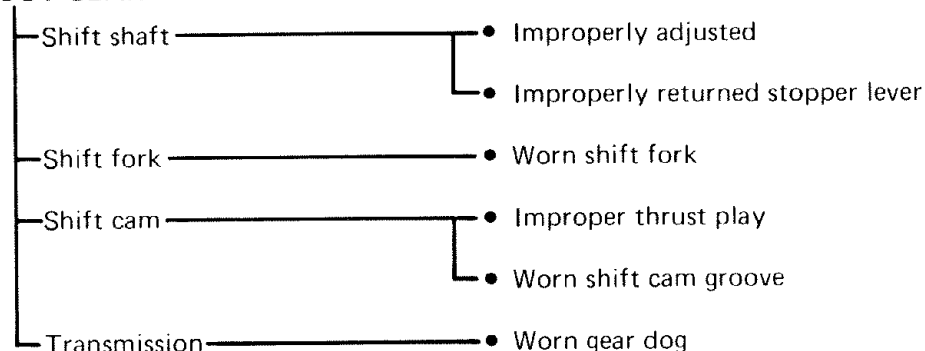
Refer to "Clutch dragging."

SHIFT PEDAL DOES NOT MOVE

PROBABLE CAUSE



JUMP-OUT GEAR



CLUTCH SLIPPING/Dragging

CLUTCH SLIPPING

Clutch

PROBABLE CAUSE

- Improperly adjusted clutch cable
- Loose clutch spring
- Fatigued clutch spring
- Worn friction plate
- Worn clutch plate
- Improperly adjusted
- Clutch ball housing
- Worn clutch ball housing

Engine oil

- Low oil level
- Improper quality (Low viscosity)
- Deterioration

CLUTCH Dragging

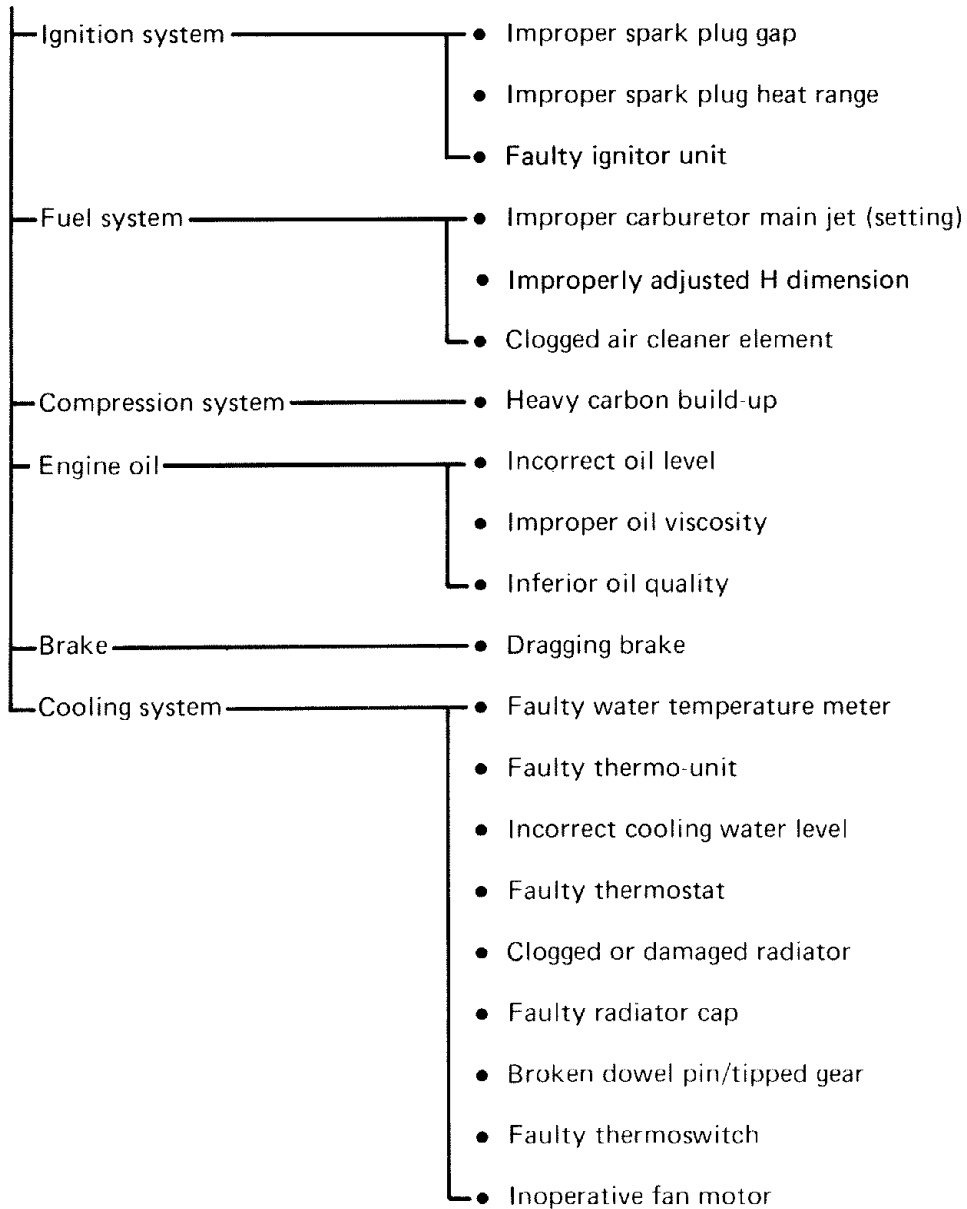
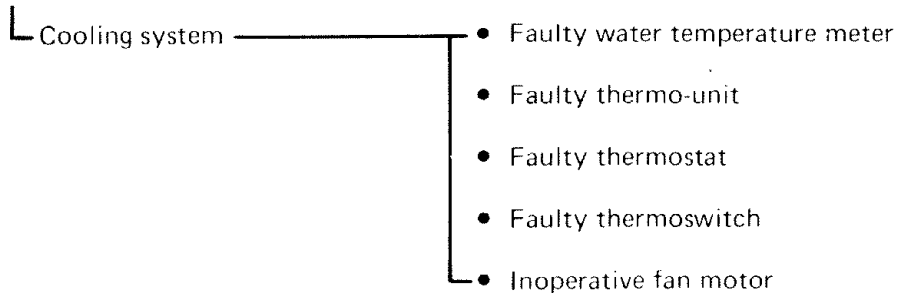
Clutch

PROBABLE CAUSE

- Improperly adjusted clutch cable
- Improperly adjusted push lever position
- Improper engagement of push lever and push rod
- Warped clutch plate
- Swollen friction plate
- Broken clutch boss
- Improperly adjusted clutch ball housing
- Worn clutch ball housing

Engine oil

- High oil level
- Improper quality (High viscosity)
- Deterioration

OVERHEATING OR OVER-COOLING**OVERHEATING****OVER-COOLING**

FAULTY BRAKE/
FRONT FORK OIL LEAKAGE/MALFUNCTION

TRBL
SHTG

?

FAULTY BRAKE

POOR BRAKING EFFECT

- Worn brake pads
- Worn disc
- Air in brake fluid
- Leaking brake fluid
- Faulty cylinder kit cup
- Faulty caliper kit seal
- Loose union bolt
- Broken brake hose
- Oily or greasy disc/brake pads
- Improper brake fluid level

FRONT FORK OIL LEAKAGE/MALFUNCTION

OIL LEAKAGE

- Bent, damaged or rusty inner tube
- Damaged or cracked outer tube
- Damaged oil seal lip
- Improperly installed oil seal
- Improper oil level (too much)
- Loose hexagon bolt (front fork bottom)
- Broken cap bolt O-ring
- Loose drain bolt
- Damaged drain bolt gasket

MALFUNCTION

- Bent, deformed or damaged inner tube
- Bent or deformed outer tube
- Damaged fork spring
- Worn or damaged slide metal
- Bent or damaged piston
- Improper oil viscosity or level

INSTABLE HANDLING

- HANDLEBARS ————— • Improperly installed or bent
- STEERING ————— • Improperly installed handle crown
 - Bent steering stem
 - Damaged bearing
- FRONT FORKS ————— • Uneven oil levels on both sides
 - Uneven spring tension (Uneven damping adjuster position)
 - Broken spring
 - Twisted front forks
 - Uneven tire pressures on both sides
- WHEELS ————— • Incorrect wheel balance
 - Deformed cast wheel
 - Unevenly worn tires
 - Incorrect tire pressure
 - Loose bearing
 - Bent or loose wheel axle
 - Excessive wheel run-out
- FRAME ————— • Twisted
 - Damaged head pipe bearing race
 - Improperly installed bearing race
- REAR ARM ————— • Worn bearing bushes
 - Damaged
- REAR CUSHION ————— • Fatigued spring
 - Improper adjustment
 - Oil leakage
- DRIVE CHAIN ————— • Improperly adjusted chain
- FAIRING ————— • Damaged or broken
 - Incorrectly installed

FAULTY SIGNALS AND LIGHTS

HEADLIGHT DARK

- Improper bulb
- Too many electrical accessories
- Hard charging (broken stator coil wire, faulty rectifier with regulator)
- Incorrectly connected coupler/connector/wire harness
- Improperly grounded
- Poor contacts (main or light switch)
- Bulb life expired

BULB BURNT OUT

- Improper bulb
- Faulty battery
- Faulty rectifier/regulator (AC generator)
- Improperly grounded
- Faulty switch (main and light switch)
- Bulb life expired

FLASHER DOES NOT LIGHT

- Improperly grounded
- Discharged battery
- Faulty flasher switch
- Faulty flasher relay
- Broken wire harness/loosely connected coupler
- Bulb burnt out

FLASHER KEEPS ON

- Faulty flasher relay
- Insufficient battery capacity (nearly discharged)
- Bulb burnt out (front or rear)

FLASHER WINKS SLOWER

- Faulty flasher relay
- Insufficient battery capacity (nearly discharged)
- Improper bulb
- Faulty switch (main or flasher switch)

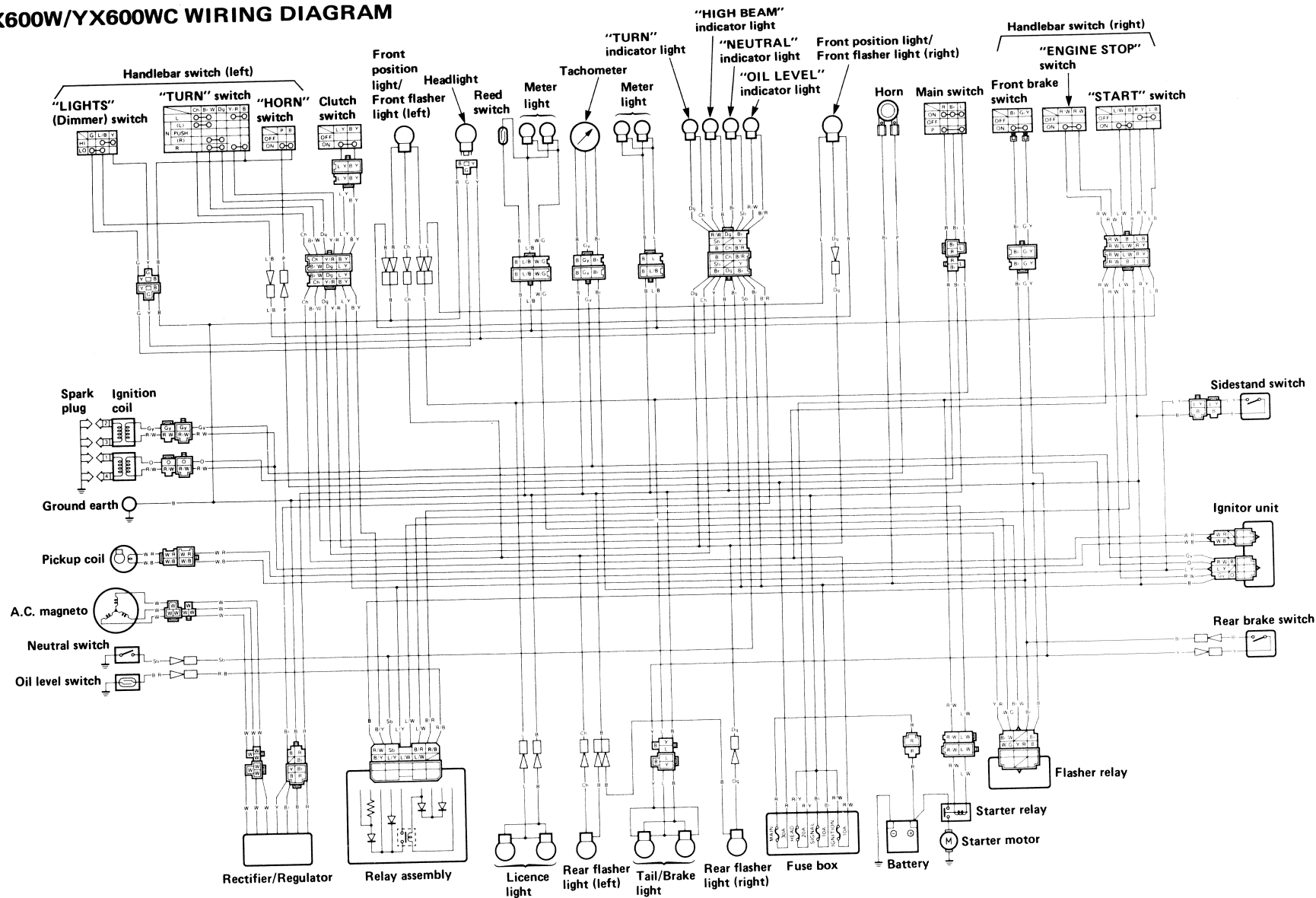
FLASHER WINKS QUICKER

- Improper bulb
- Faulty flasher relay

HORN IS INOPERATIVE

- Faulty battery
- Faulty switch (main or horn switch)
- Improperly adjusted horn
- Faulty horn (coil wire broken or having poor contacts)
- Broken wire harness

YX600W/YX600WC WIRING DIAGRAM



COLOR CODE

BBlack
LBlue
YYellow
GGreen
RRed
OOrange

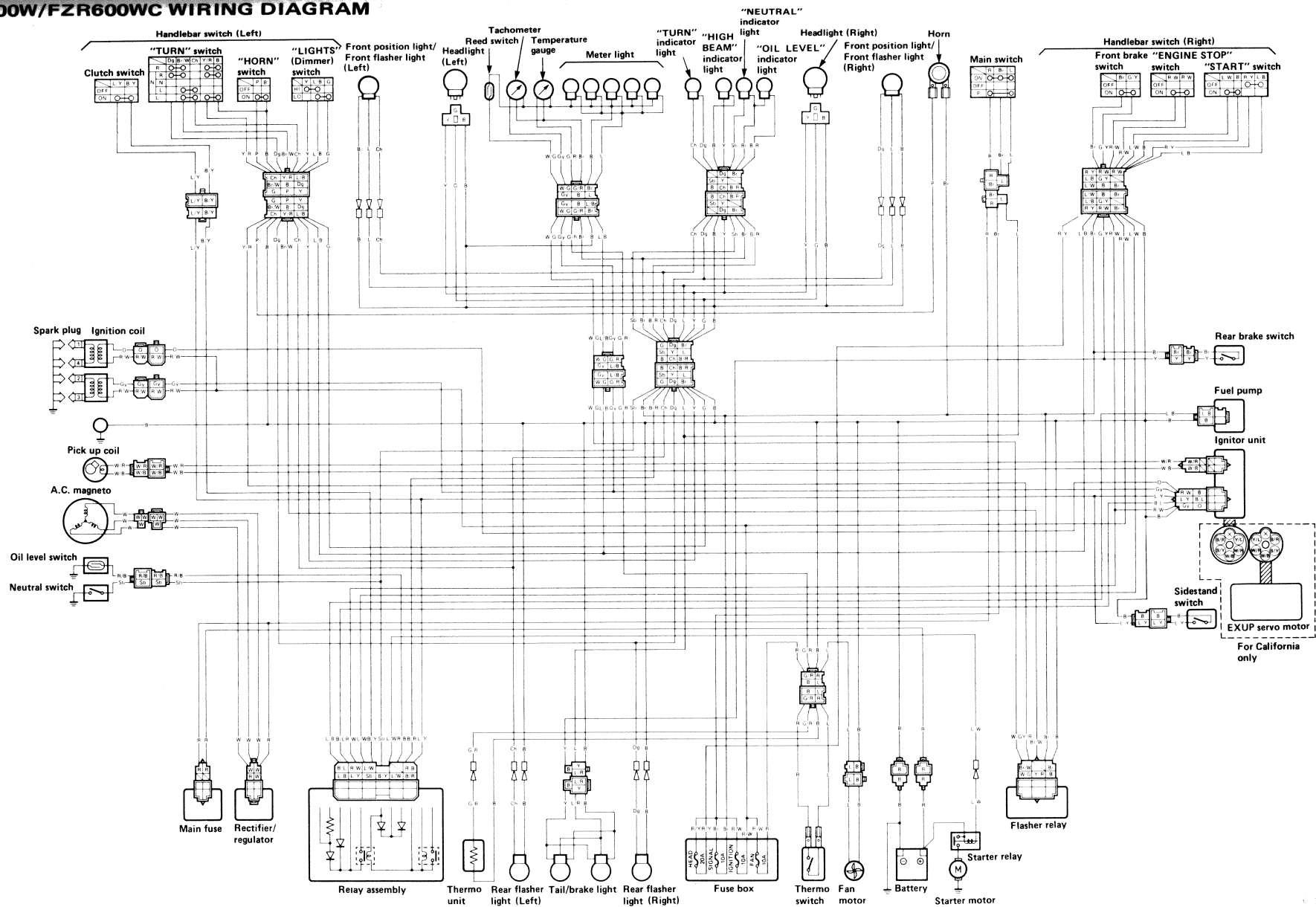
PPink
BrBrown
ChChocolate
GyGray
DgDark green
SbSky blue

WWhite
B/YBlack/Yellow
B/RBlack/Red
L/BBlue/Black
L/YBlue/Yellow
L/WBlue/White

Y/RYellow/Red
R/BRed/Black
R/YRed/Yellow
R/WRed/White
Br/WBrown/White
W/BWhite/Black

W/GWhite/Green
W/RWhite/Red

FZR600W/FZR600WC WIRING DIAGRAM



COLOR CODE

BBlack
LBlue
GGreen
YYellow
RRed

PPink
OOrange
BrBrown
ChChocolate
GyGray

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DgDark green
WWhite
B/LBlack/Blue
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