

TROUBLESHOOTING

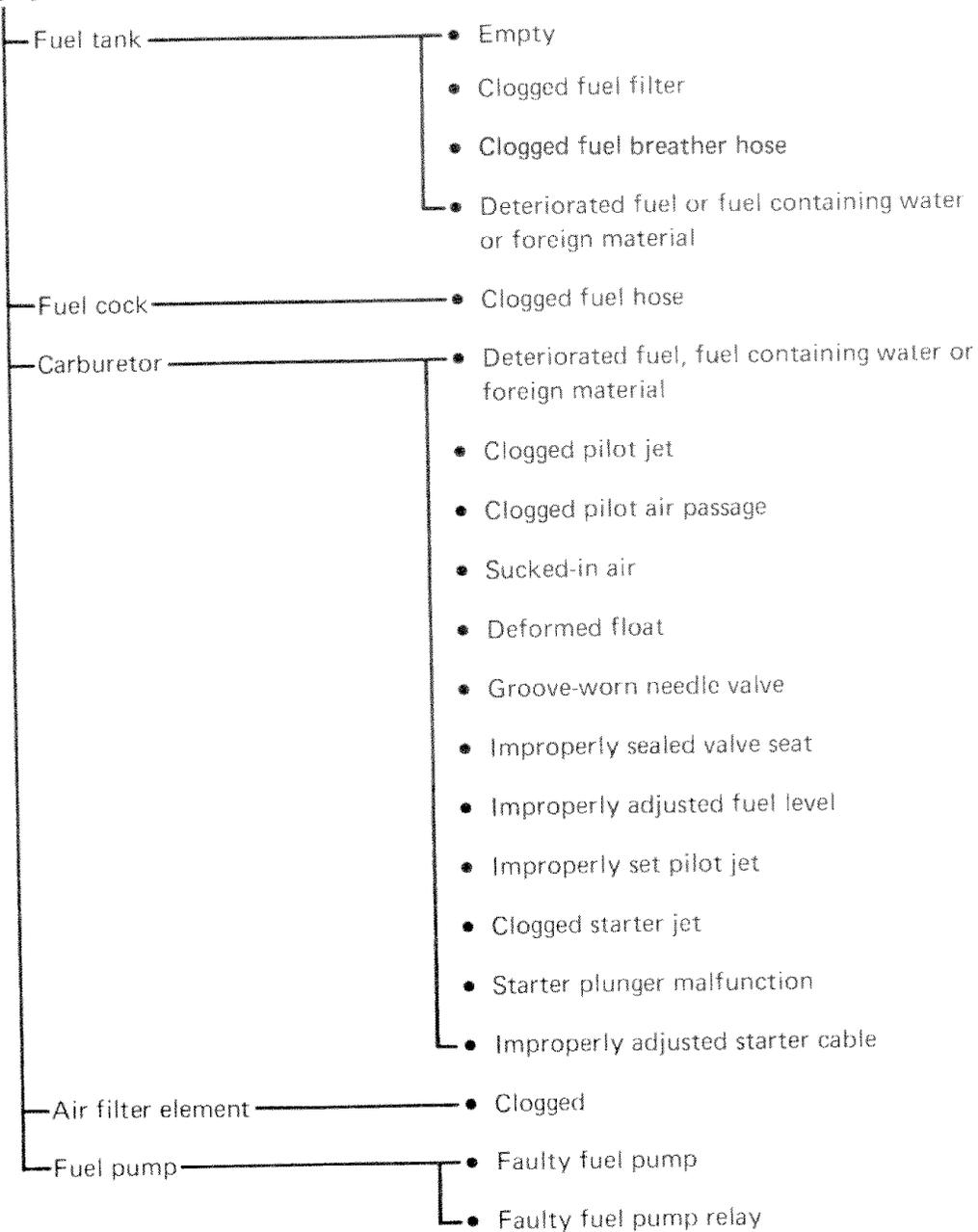
NOTE:

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.

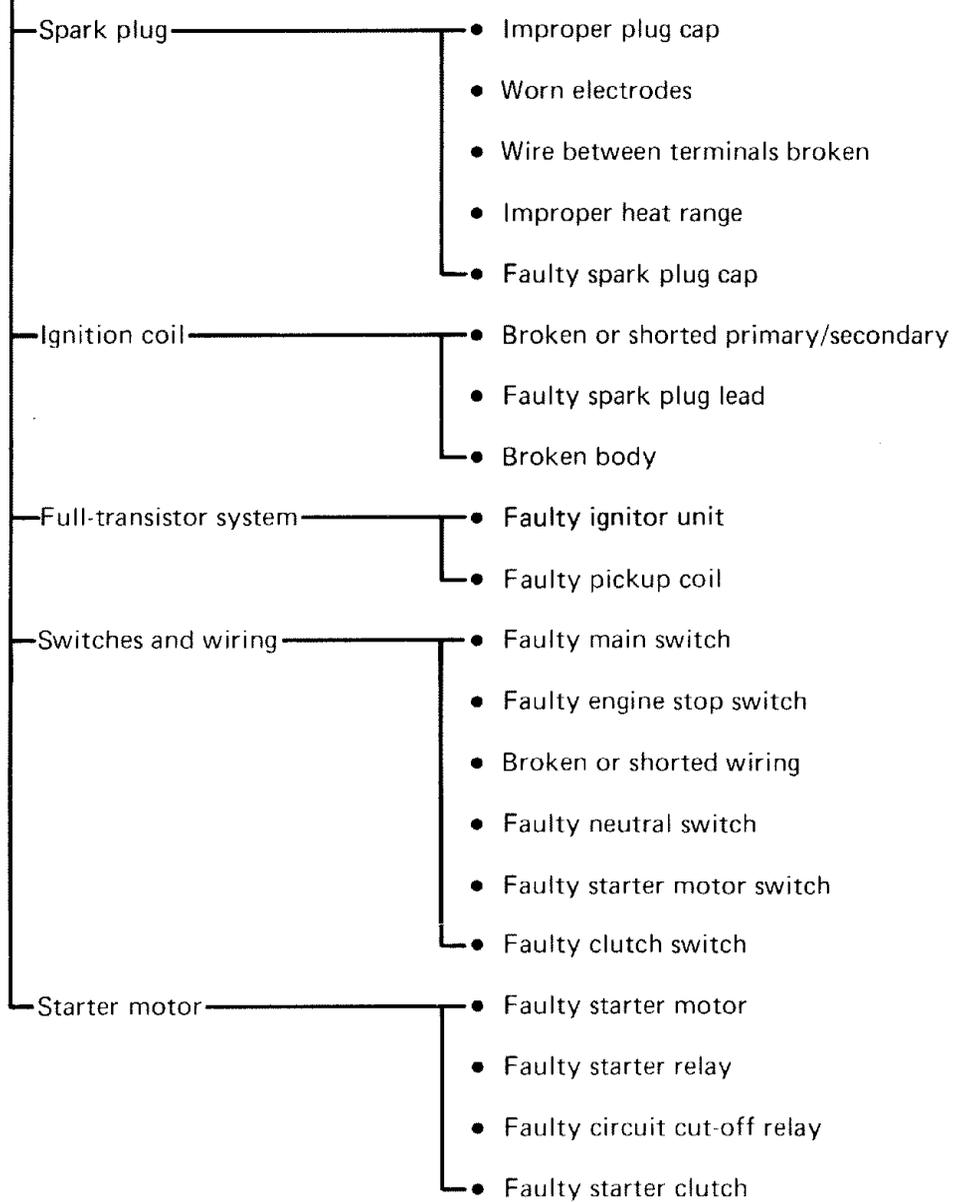
STARTING FAILURE/HARD STARTING

FUEL SYSTEM

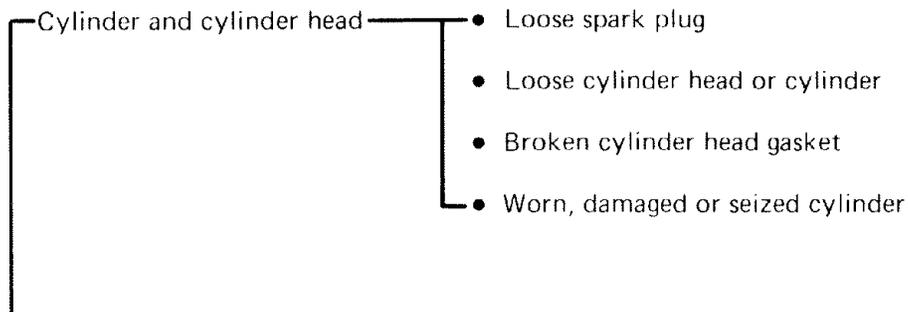
PROBABLE CAUSE



ELECTRICAL SYSTEM



COMPRESSION SYSTEM

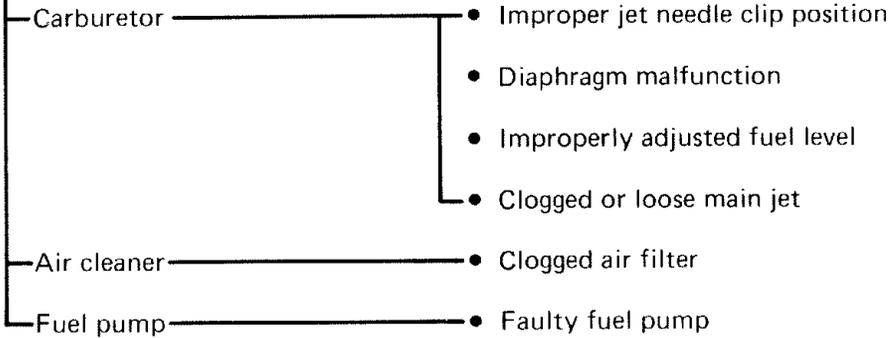


POOR MEDIUM AND HIGH SPEED PERFORMANCE

POOR MEDIUM AND HIGH SPEED PERFORMANCE

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

PROBABLE CAUSE



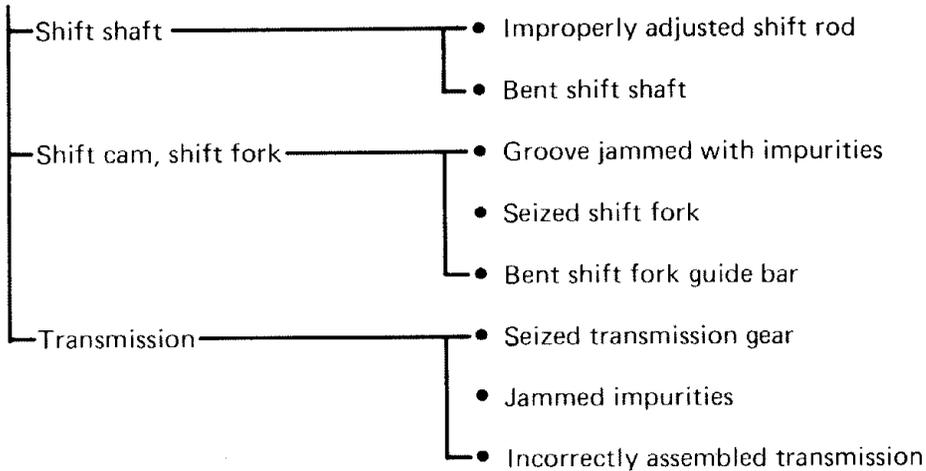
FAULTY GEAR SHIFTING

HARD SHIFTING

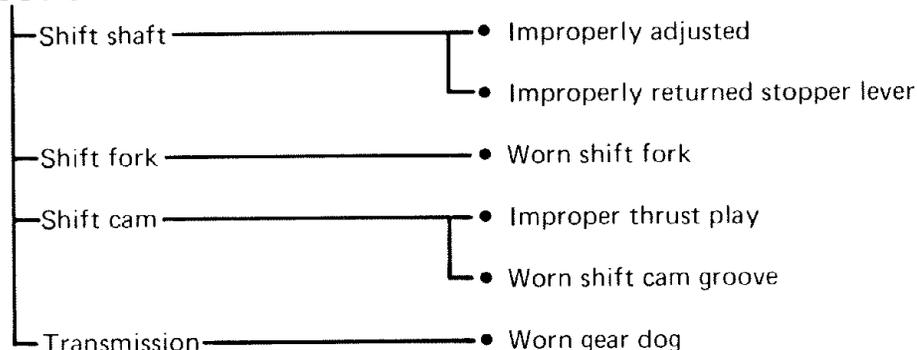
Refer to "Clutch dragging."

SHIFT PEDAL DOES NOT MOVE

PROBABLE CAUSE



JUMP-OUT GEAR



CLUTCH SLIPPING/DRAGGING

CLUTCH SLIPPING

PROBABLE CAUSE

- Clutch
 - 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

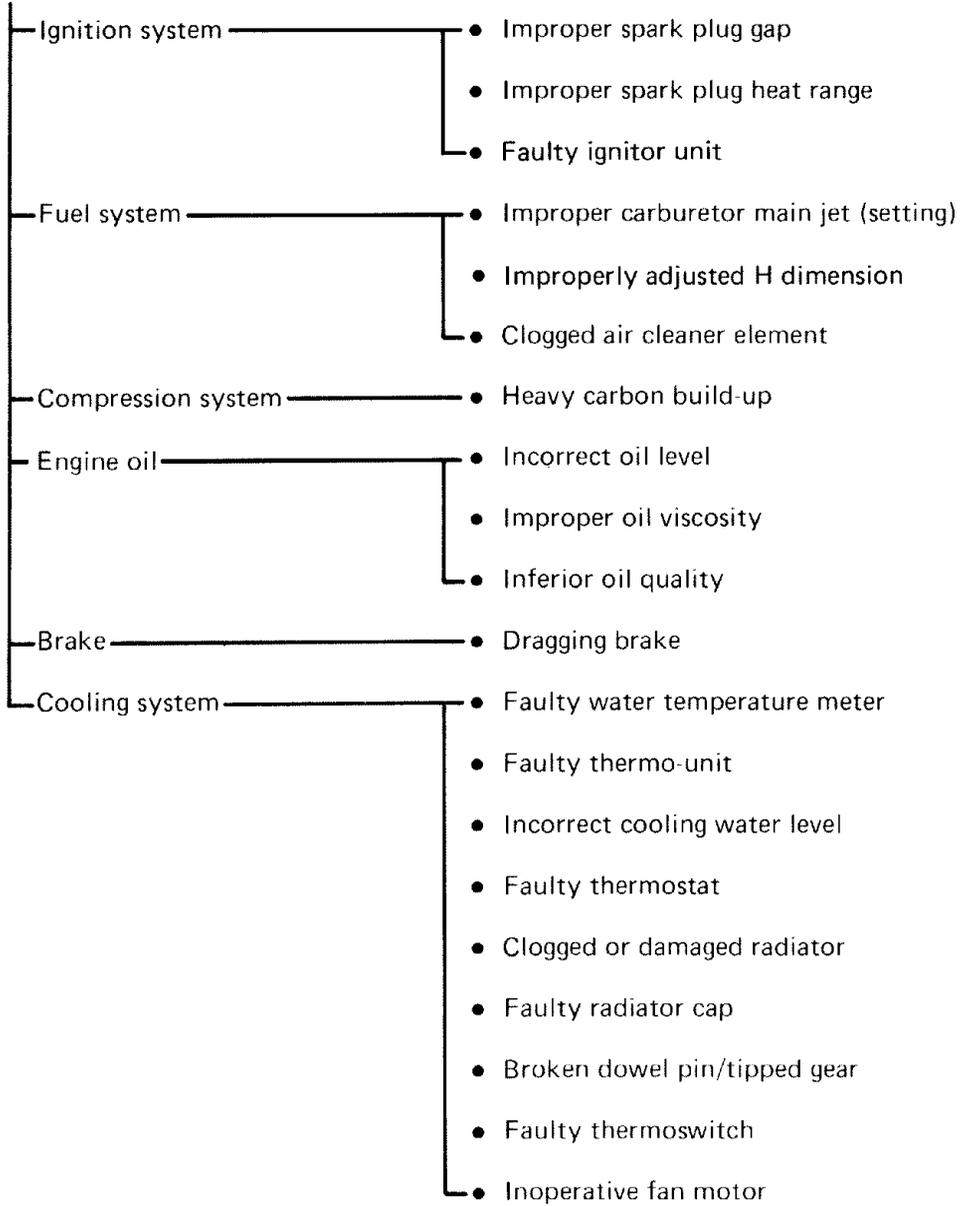
CLUTCH DRAGGING

PROBABLE CAUSE

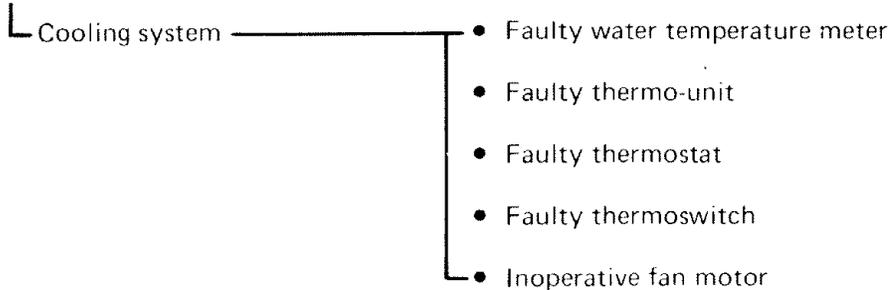
- Clutch
 - Improperly adjusted clutch cable
 - Improperly adjusted push lever position
 - Improper engagement of push lever and push rod
 - Warped clutch plate
 - Swollen friction plate
 - Broken clutch boss
 - Improperly adjusted clutch ball housing
 - Worn clutch ball housing
- Engine oil
 - High oil level
 - Improper quality (High viscosity)
 - Deterioration

OVERHEATING OR OVER-COOLING

OVERHEATING



OVER-COOLING



FAULTY BRAKE

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)

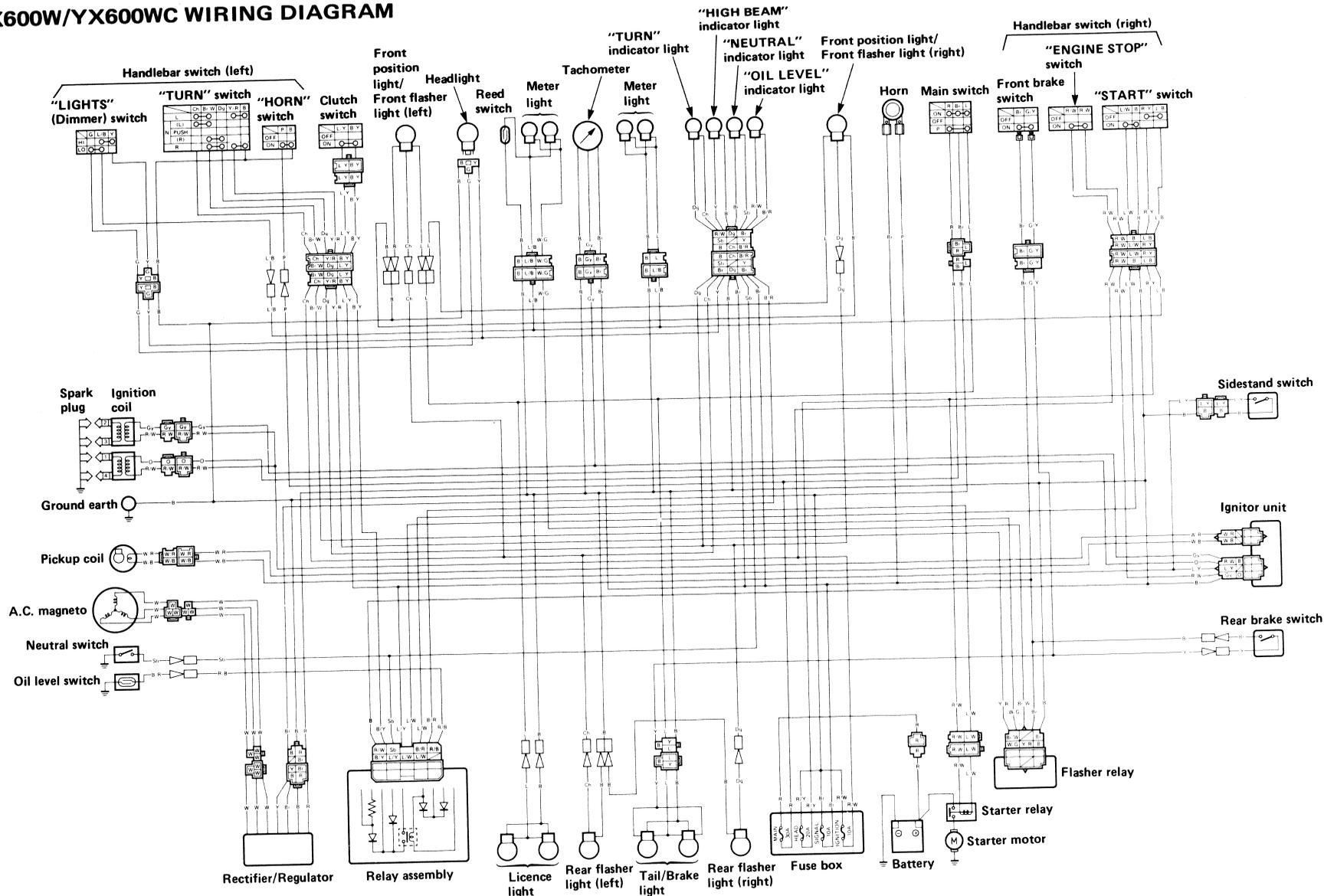
FLASHER WINKS QUICKER

- 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

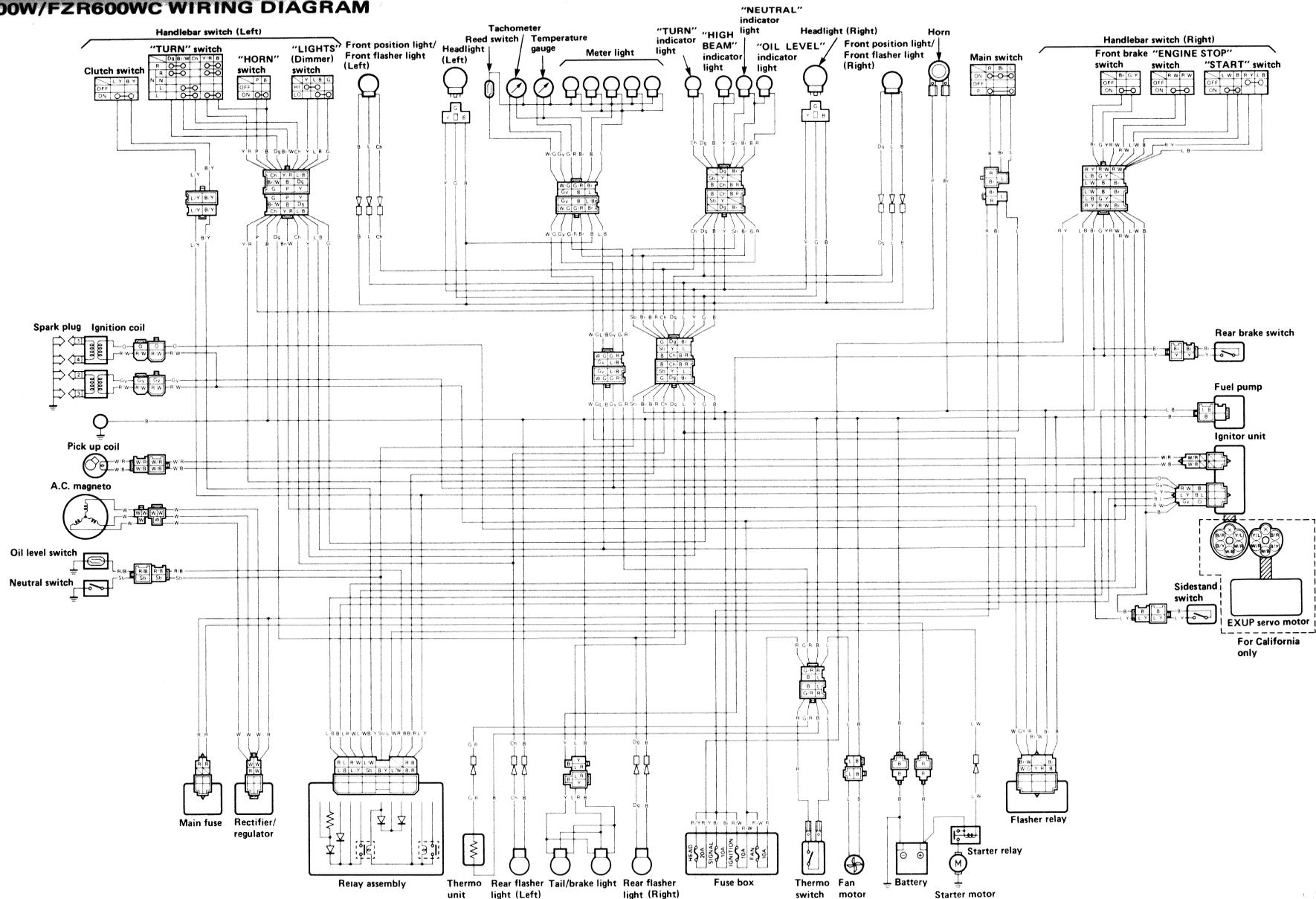
YX600W/YX600WC WIRING DIAGRAM



COLOR CODE

BBlack	PPink	WWhite	Y/RYellow/Red	W/GWhite/Green
LBlue	BrBrown	B/YBlack/Yellow	R/BRed/Black	W/RWhite/Red
YYellow	ChChocolate	B/RBlack/Red	R/YRed/Yellow	
GGreen	GyGray	L/BBlue/Black	R/WRed/White	
RRed	DgDark green	L/YBlue/Yellow	Br/W . . .Brown/White	
OOrange	SbSky blue	L/WBlue/White	W/BWhite/Black	

FZR600W/FZR600WC WIRING DIAGRAM



COLOR CODE

B Black	P Pink	Sb Sky blue	B/R Black/Red	G/R Green/Red	Br/W Brown/White
L Blue	O Orange	Dg Dark green	L/B Blue/Black	Y/R Yellow/Red	W/B White/Black
G Green	Br Brown	W White	L/Y Blue/Yellow	R/B Red/Black	W/G White/Green
Y Yellow	Ch Chocolate	B/L Black/Blue	L/W Blue/White	R/Y Red/Yellow	W/R White/Red
R Red	Gy Gray	B/Y Black/Yellow	G/Y Green/Yellow	R/W Red/White	