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SERVICE INFORMATION

WORKING PRACTICE

All electrical wires and connectors are color-coded. When two or more different colored wires are connected, a colored tube that matches the significant color appears on the other wire near the connector. Observe the color codes before disconnecting any wires.

All plastic plugs have locking tabs that must be released before disconnecting, and must be aligned when reconnecting.

The following color codes used are indicated throughout this section and on the wiring diagram.

B = Blue	G = Green	LG = Light Green	R = Red
Bk = Black	Gr = Grey	O = Orange	W = White
Br = Brown	LB = Light Blue	P = Pink	Y = Yellow

In order to isolate an electrical failure, check the continuity of the electrical path through the part. A continuity check can usually be made without removing the part from the motorcycle – by simply disconnecting the wires and connecting a continuity tester or volt-ohmmeter to the terminals or connections.

A continuity tester is useful when checking to find out whether or not there is an electrical connection between the two points. If the quality of the circuit is important, as when there is a specific coil resistance involved, or when checking for high resistance caused by corroded connections, an ohmmeter is needed.

INFORMATIONS D'ENTRETIEN	19–1	COMMUTATEURS AU GUIDON	19–3
MANOCONTACT D'HUILE	19–2	COMMUTATEUR D'ALLUMAGE	19–5
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CONTACTEUR DE POINT-MORT	19–2		

INFORMATIONS D'ENTRETIEN

PRATIQUE DE TRAVAIL

Tous les fils et connecteurs électriques comportent un code couleur. Lorsque deux ou plusieurs fils de couleurs différentes sont connectés, un tube de la couleur correspondante la plus importante se trouve installé sur l'autre fil près du connecteur. Avant de déconnecter les fils, noter les codes couleur.

Toutes les fiches en plastique comportent des languettes de verrouillage qui doivent être défaites avant la déconnexion, et remises lors de la reconnexion.

Les codes couleur suivants apparaîssent tout au long de cette section et dans le schéma de câblage.

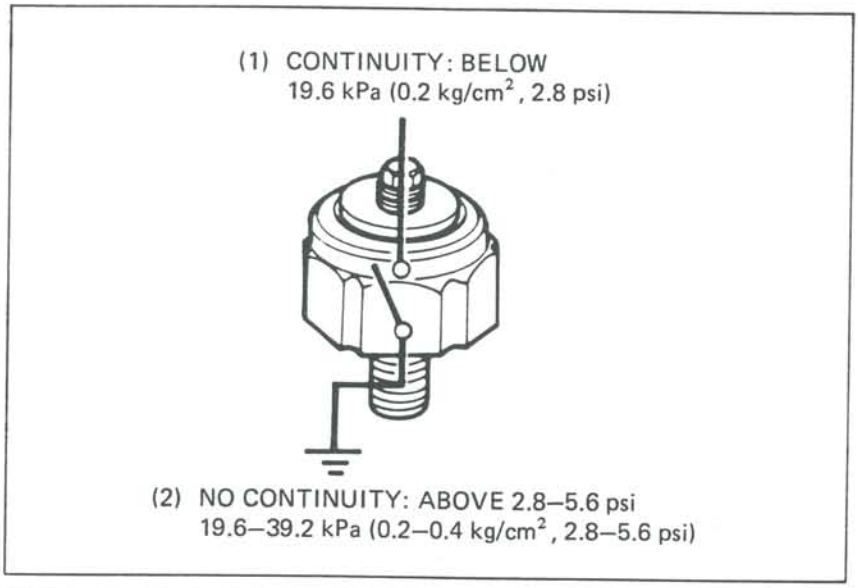
B = Bleu	G = Vert	LG = Vert clair	R = Rouge
Bk = Noir	Gr = Gris	O = Orange	W = Blanc
BR = Marron	LB = Bleu clair	P = Rose	Y = Jaune

Pour localiser une défaillance électrique, vérifier la continuité du circuit électrique dans l'organe. Il est en général possible d'effectuer un contrôle de continuité sans déposer l'organe de la machine, en débranchant simplement les fils et en raccordant un verificateur de continuité ou un volt-ohmmètre aux bornes ou connexions.

Il sera utile d'utiliser un vérificateur de continuité pour vérifier s'il y a un raccordement électrique entre deux points. Un ohmmètre sera nécessaire dans le cas où le circuit est important, notamment lorsqu'une résistance spécifique de bobine est à contrôler ou pour vérifier s'il n'y a pas une résistance excessive par suite de connexions corrodées.

OIL PRESSURE WARNING SWITCH

Check for continuity while applying pressure to the switch.
Replace the switch if necessary.

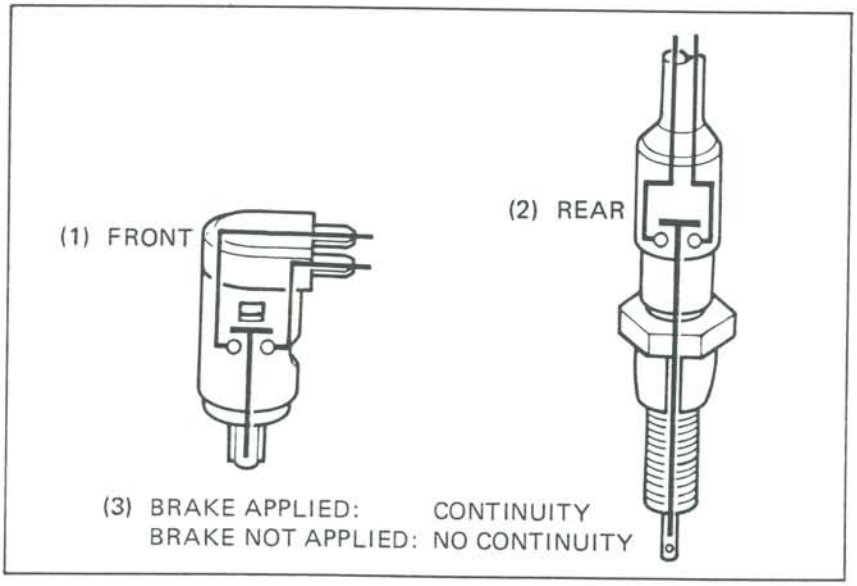


BRAKE SWITCHES

Check the rear brakelight switch for continuity with the rear brake applied.

Check the front brakelight switch for continuity with the front brake applied.

Replace the switches if necessary.



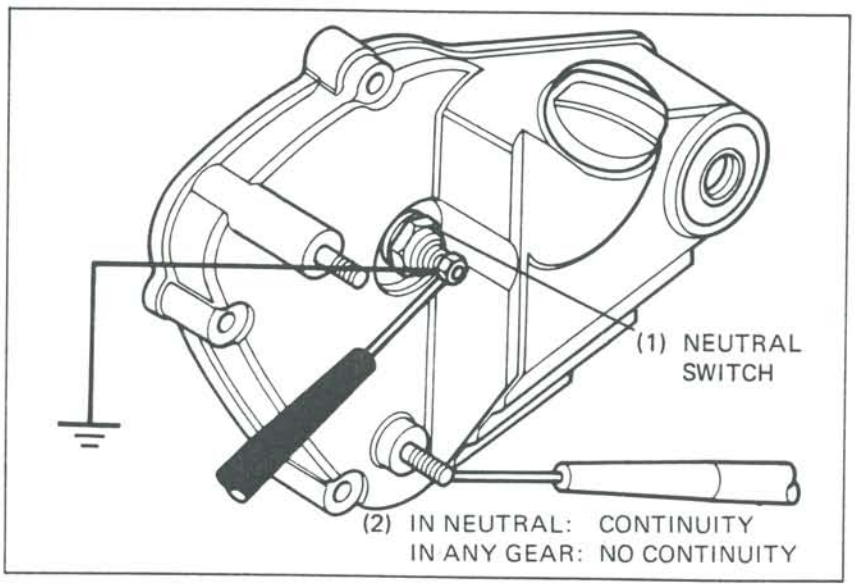
NEUTRAL SWITCH

Check the switch for continuity between the switch terminal (wire removed) and ground with the transmission in neutral and with the transmission in any gear.

NOTE

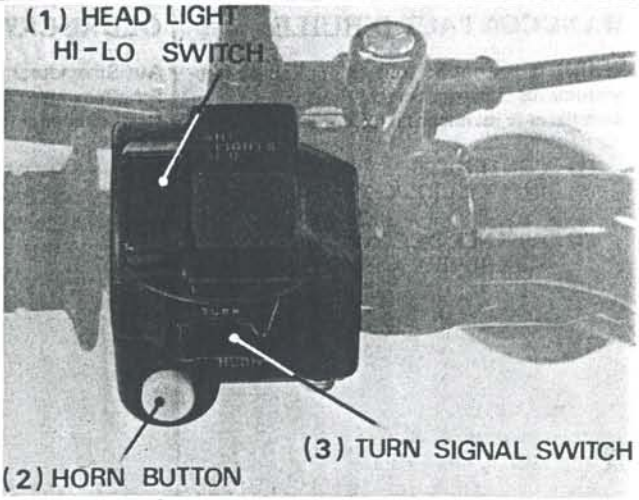
To replace the neutral switch, remove the left muffler and oil hose cover.

Replace the neutral switch if necessary.



HANDLEBAR SWITCHES

The handlebar cluster switches (lights, turn signals, horn, start and stop) must be replaced as assemblies.
Continuity tests for the components of the handlebar cluster switches follow:
Continuity should exist between the color coded wires on each chart.



HEADLIGHT HI–LOW SWITCH (CM type)

HI: B/W to B
MIDDLE (N): B/W to W to B
LO: B/W to W

Headlight Hi–Low Switch (CM type)

	HL	HB	LB
Hi	○	○	
(N)	○	○	○
Lo	○		○
Code color	B/W	B	W

TURN SIGNAL SWITCH

LEFT: Gr to O, Br/W to LB/W
OFF: Br/W to O/W to LB/W
RIGHT: Gr to LB, Br/W to O/W

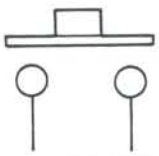
Turn Signal Switch

	TR	LT	RT	CM type P	PL	PR
LEFT	○	○		○		○
OFF				○	○	○
RIGHT	○		○	○	○	
Code color	Gr	O	LB	Br/W	O/W	LB/W

HORN BUTTON

LG to G with button depressed
No continuity with button released

Horn Button

	HO	E
		
Code color	LG	G

STARTER BUTTON (CM type)

Bk/R to B/W with button released
Bk to Y/R with button depressed

Starter Button (CM type)

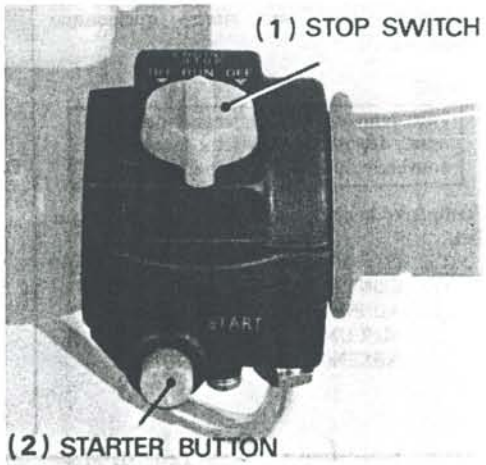
	BAT5	HL	BAT2	ST
FREE	○	○		
START			○	○
Code color	Bk/R	B/W	Bk	Y/R

ENGINE STOP SWITCH

RUN: Bk to Bk/W
OFF: No continuity

Engine Stop Switch

	BAT2	IG
OFF		
RUN	○	○
OFF		
Code color	Bk	Bk/W



LIGHTING SWITCH
(E, F, G, ED, DK, DM, U and SA types)

	BAT_4	TL	BAT_5	HL
•				
P	○—○			
H	○—○		○—○	
Code color	Br/B	Br/W	Bk/R	B/W

COMMUTATEUR D'ECLAIRAGE
(Types E, F, G, ED, DK, DM, U et SA)

	BAT4	TL	BAT5	HL
•				
P	○—○			
H	○—○		○—○	
Code couleur	Br/B	Br/W	Bk/R	B/W

STARTER BUTTON
(E, F, G, ED, DK, DM, U and SA types)

	ST	BAT_2
FREE		
PUSH	○—○	
Code color	Y/R	Bk

BOUTON DU DEMARREUR
(Types E, F, ED, DK, DM, U et SA)

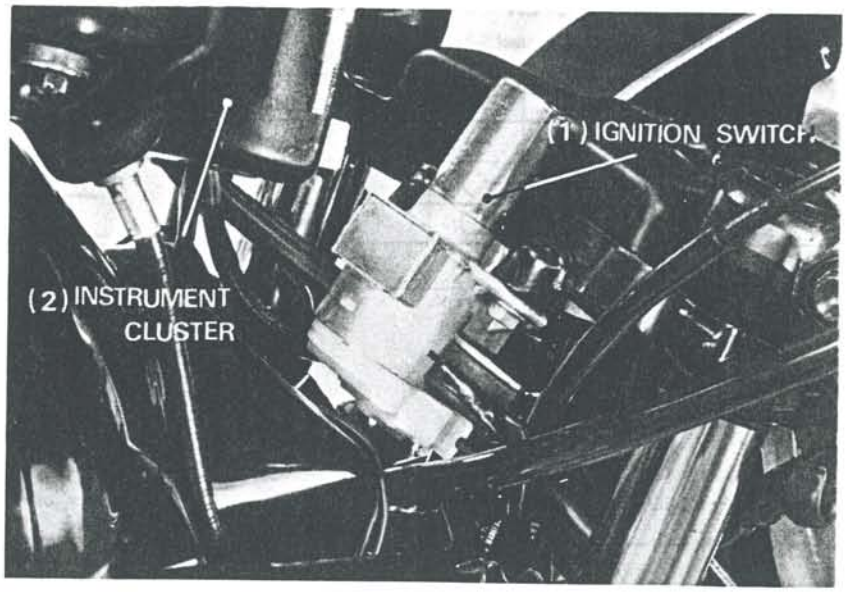
	ST	BAT2
FREE (LIBRE)		
PUSH (ENFONCE)	○—○	
Code couleur	Y/R	Bk

IGNITION SWITCH

Remove the instrument cluster and disconnect the plug.
Remove the ignition switch.

NOTE

Identify the wire colors at the connector. There are no colors on the switch.



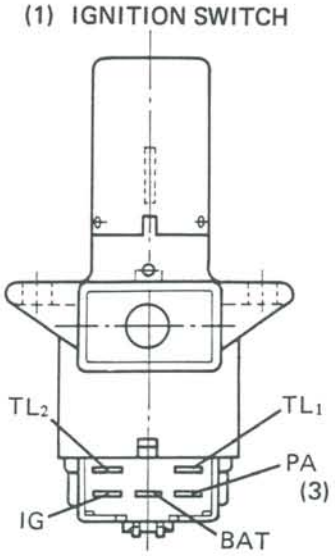
Check continuity of terminals on the ignition switch in each switch position.

WITCH POSITION

LOCK: **No continuity**
OFF: **No continuity**
ON: **BAT to IG, TL to TL**
PARK: **PA to BAT**

Terminal / Position	PA	BAT	IG	TL_1	TL_2
P	○—○				
ON		○—○		○—○	
OFF					
LOCK					

(1) IGNITION SWITCH (2) CLUTCH SWITCH





(3) CLUTCH APPLIED: CONTINUITY
CLUTCH RELEASED: NO CONTINUITY

CLUTCH SWITCH

heck continuity of the clutch lever (safety) switch with the clutch released and applied.
Replace if necessary.

REMOVAL

Unplug the wires.
Remove the clutch lever and cable.
Remove the switch.

NOTE

The switch case has a small protrustion that must point toward the handlebar when installed.

