

REGULATOR/RECTIFIER INSPECTION

Check the resistance between the leads with an ohmmeter.

Replace the regulator/rectifier if the readings are not within the limits shown in the table.

TOOLS:

Sanwa electric tester 07308-0020000 or
Kowa electric tester TH-5H

NOTE

Do not use the Digial Multi-Tester (07411-0020000 or KS-AHM-32-003: U.S.A. only) for the regulator/rectifier.

Range: Sanwa: kΩ
 Kowa: 100Ω

Unit: Ω

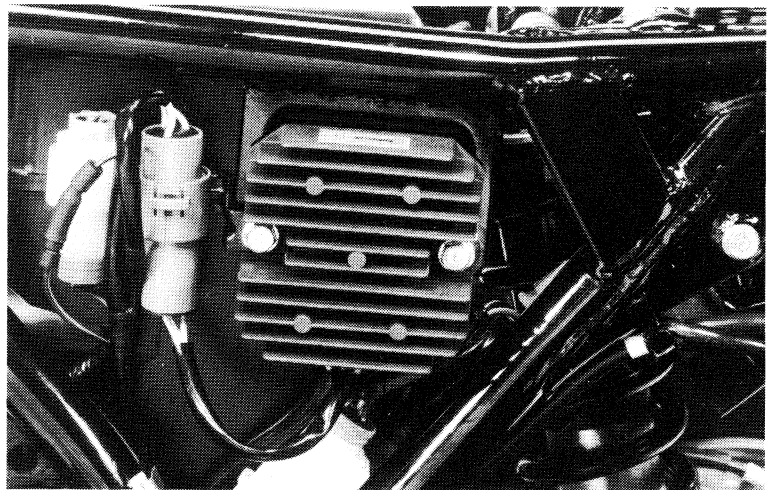
(+)Probe (-)Probe	Yellow	Yellow	Yellow	Red	Green	Black
Yellow		∞	∞	1-20 (100-5K)	∞	∞
Yellow	∞		∞	1-20 (100-5K)	∞	∞
Yellow	∞	∞		1-20 (100-5K)	∞	∞
Red	∞	∞	∞		∞	∞
Green	1-20 (100-5K)	1-20 (100-5K)	1-20 (100-5K)	5-30 (500-8K)		1-20 (1K-5K)
Black	10-80 (10K-80K)	10-80 (10K-80K)	10-80 (10K-80K)	20-100 (50K-∞)	10-50 (10K-50K)	

REGULATOR/RECTIFIER REPLACEMENT

Remove the seat.

Disconnect the voltage regulator wire couplers.

Remove the two bolts attaching the regulator/rectifier and replace it with a new one.



ALTERNATOR CHARGING COIL

Disconnect the alternator pulse generator couplers and wire.

Check the resistance between the coupler terminals.

RESISTANCE: 0.2-1 ohms

Check for no continuity between each coupler terminal and ground.

Replace the alternator stator if readings are not within the limit or if any lead has continuity to ground.

Refer to section 9 for stator removal.

