





































































Fault diagno	osis of the Chargi	ng System	
Failure	Possible Causes	Failure	Possible Causes
Voltage greater than 14V	Voltage regulator defective.	The pilot lamp (light) when the engine is accelerated.	Check the connections: cable mass of the motor car bodies, battery cables.     Diodes excltation open.     Diodes positive open.
Current below current load	Defect regulator tension.     Short between colls or mass in the winding stator.     Diodes short-circuit.	Pilot light not lit with the engine stopped.	Lamp circuit failure or off.     voltage regulator disconnected.     Battery fully discharged or damaged.     Rotor winding stopped.
The pilot lamp with the ignition off (engine stopped)	There is one or more diodes rectifiers positive burned (in short circuit).	The pilot lamp with low light and not changes.	Circuit alternator field stopped.     Terminals DF isolates.     Brush with bad contact.     Ring collector desoldered.
10 de Janeiro de 2010   36	-	,	DEEE Departamento le constancia





















![](_page_23_Picture_0.jpeg)

![](_page_23_Figure_1.jpeg)

![](_page_24_Figure_0.jpeg)

![](_page_24_Figure_1.jpeg)

![](_page_25_Figure_0.jpeg)

![](_page_25_Figure_1.jpeg)

![](_page_26_Picture_0.jpeg)

![](_page_26_Picture_1.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_27_Figure_1.jpeg)

![](_page_28_Picture_0.jpeg)

![](_page_28_Picture_1.jpeg)

![](_page_29_Picture_0.jpeg)

![](_page_29_Picture_1.jpeg)

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