

(a) Complete the table below, naming each numbered component and describing its function.

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Name	Function
1. steeving rack	allows driver to steer the car
2. Tortion box	· dampens wheel movement (up & down) · keeps wheel incontact with rocal at all time.
3. universal joint	* allows rotation when the for conving * wheel moving up & down.
4. struff	· to dampen wheel movement (up & down) · & too keep obel incontact with ever road at all time
5. disk rotor	inter bracking,

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Question 18 (continued)

(b) A customer complains that the car battery is constantly running flat.

In the table below, list THREE possible faults in the charging system that could be causing the problem. Name the test that you would perform for each fault identified.

Possible fault	Test to perform
Altinator playing up.	· check the amount of carrent the albinator is putting out. · check windings, comutator & conections in alternate
rectifior	 check if it is no working properly. not letting charge back through the altenator when engine is not ranning.
bad connection	 trace the wiving \$ check each connection is clean \$ tight.

End of Question 18