

Lights, Instrumentation, Wipers, and Horns— Operation and Service

Date:		
Score:	Textbook pages 647–682	
n the operation and service	of light, wiper, and horn systems.	
ne interior and exterior light	its on a vehicle.	
brightness of 4		
	score: the operation and service e interior and exterior light brightness of 4	

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9.	What are the two different types of sealed-beam headlamp bulbs?
10.	A halogen headlamp increases light output by about% without% increasing current draw.
11.	The maximum brightness for low beams, according to federal regulations, 11 is candle power.
12.	A glass or plastic disperses the light beam in front of the vehicle and protects the bulb.
13.	A lamp number is generally stamped on the 13
14.	Explain what happens when the driver activates the dimmer switch.
15.	How does an automatic headlight dimmer system function?
16.	Where can a turn signal switch be mounted?
17.	Explain how a turn signal flasher works
18.	What components are included in the emergency light system?
	The closes the light circuit when the transmission is shifted into 19
20.	Identify the types of switches.
	B C D
	(A)(C)
	(B) (D)

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35. Information displayed onto the windshield or a plastic dash panel for easier viewing is reflected by a(n)
Windshield Wipers
36. What protects a windshield wiper system?
37. Name the two common types of pumps used with windshield washer systems.
38. How does a rain-sensing wiper system detect water?
39. What should be checked if the windshield washer does <i>not</i> work?
37. What should be effected if the windshield washer does not work:
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Horns
40. What should be done to adjust horn current?
41. How can meter damage be prevented?
Finding Common Electrical Problems
42. What could cause an <i>open circuit</i> ?
43. What should you do to find a <i>high resistance</i> ?
44. A voltage drop across an electrical conductor should not exceed 44 volts.
45. How do you test a relay?

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