

CHAPTER 15 Responding to an Emergency

STUDY GUIDE FOR CHAPTER 15 LESSON 1

Brake, Engine, and Steering Failures

A. The three procedures listed below are possible ways of slowing your car in case of total brake failure. Match each procedure with its result.

- | | |
|--|---|
| _____ 1. Shift to a lower gear. | a. slows the rear wheels |
| _____ 2. Pump the brake pedal rapidly. | b. slows the engine and forward movement of the vehicle |
| _____ 3. Use the parking brake, keeping your hand on the release button or handle. | c. may build up pressure in the brake-fluid lines |

B. Suppose you have tried the above methods without success. Study the picture. Explain what you might do to stop yourself at each numbered spot if you were driving vehicle X and your brakes were not working. Then add one more emergency measure you might try.

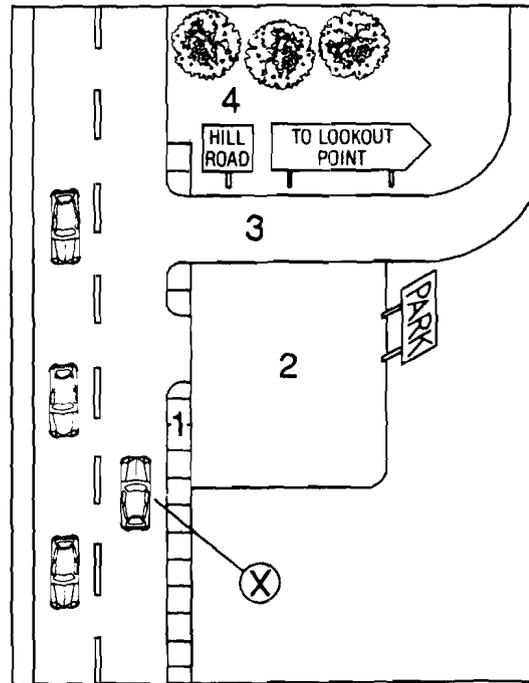
1. _____

2. _____

3. _____

4. _____

5. Another measure to try when the brakes fail is:



C. FIND OUT MORE. The chapter lists several emergency items to keep in the trunk of your vehicle. Ask someone you know who drives what her or his family keep in their vehicle for emergencies. How is this person's answer different from what the chapter lists?

STUDY GUIDE FOR CHAPTER 15 LESSON 2

Tire Failure and Other Serious Problems

A. The following steps outline what you should do if a tire loses pressure, but they are in the wrong order. In the space next to each step, write a number to show where in the order it should appear.

- _____ a. Check the traffic around you. When you find a gap, signal and steer off the roadway as far as you can.
- _____ b. Get out of the vehicle, and have any passengers get out also.
- _____ c. Keep a firm grip on the steering wheel with both hands.
- _____ d. Shift into Park (or Reverse in a manual-shift vehicle), and put on your emergency flashers.
- _____ e. Release the accelerator slowly. Don't brake.

B. For each sentence below, circle T if the statement is true and F if it is false. Correct each false statement in the space below.

1. Between 300 and 400 people are killed yearly while changing tires, when the vehicle falls off the jack or they are hit by other vehicles. T F

2. An engine fire cannot be put out with water. T F

3. Jump-starting a battery whose fluid is frozen can cause the battery to explode. T F

4. Check the brake-fluid level once a month if you drive 10,000 miles or more a year. T F

C. **FIND OUT MORE.** Tires are rated by their safety features to help you make good purchasing decisions. Go to a library and look up articles in *Consumer Reports*, or call a local tire store; find out what features tires are rated on, what the possible "grades" are, and what a good rating is. Summarize your findings below.

STUDY GUIDE FOR CHAPTER 15 LESSON 4

First Aid Guidelines and Procedures

A. For each sentence below, circle T if the statement is true and F if it is false. Correct each false statement in the space below.

1. The Good Samaritan Law states that you must stop and give aid to the injured in a road emergency. T F

2. When you help somebody who has been injured in a collision, it is important to move the person off the roadway as quickly as possible. T F

3. It is important to speak calmly when helping injured people. T F

4. To stop bleeding, apply direct pressure to the wound. T F

5. Somebody who is hemorrhaging can die within minutes. T F

6. When a person is in shock, his or her pulse rate is slow. T F

7. To treat shock, you should keep the person's temperature as close to normal as possible.
T F

8. As little as 2 or 3 minutes without breathing can cause permanent brain damage. T F

B. **FIND OUT MORE.** The chapter lists several items that you should carry in your car in a first aid kit. Go to a local drugstore or department store and look at their first aid kits. (The contents are listed on the outside of each kit.) What items on the list in the chapter are not in the kits in the store? What do the kits in the store cost? Would it be cheaper to make up a kit on your own?
