

CHAPTER 14: TIRES

Readability Worksheet

Directions

Read the textbook to fill in the missing words from the sentences below.

1. The correct tire size is located on the tire _____ inside your driver's door or door _____.
2. The UTQG ratings are _____, _____, and _____.
3. On a _____ tire, the independent tread blocks and grooves have the same tread pattern across the whole tire.
4. _____ occurs when the tire is lifted off the road by a thin film of water.
5. It takes less _____ to propel a vehicle with lower rolling resistance.
6. Most temporary spares are designed for very short distances that don't exceed _____ mph (80 km/h).
7. Tire wear _____ run _____ to the tread providing a visual, tool free inspection of tread depth.
8. _____ effects stability, control, and the steering wheel's ability to return to center.
9. _____ is the inward or outward tilt of the tire from absolute vertical when viewed from the vehicle's front.

10. A tire with low pressure dramatically increases the rolling resistance (which decreases fuel _____) and causes the tire to wear faster (due to excess _____).
11. The _____ tires tend to wear faster than the back since they absorb turning _____, carry the engine _____, and support the added weight that shifts forward when _____.
12. _____ refers to getting all of the lug nuts to the same tightness.
13. A tire and wheel that is out of _____ may cause vibrations, increase tire wear, and shorten the life of _____ and _____ components.