

CTE Automotive Technology Wheel Alignment

Objective: For the student to become familiar with the operation of Wheel alignment procedures and operation fundamentals.

Questions: Read chapter 74 of **Modern Automotive Technology** to answer the following questions.

1. Define the term "Alignment". _____

2. What is the main purpose of wheel alignment? _____

3. List the three functions of CASTER.
A. _____
B. _____
C. _____
4. Explain the difference between Positive and Negative Caster.
Positive Caster _____
Negative Caster _____
5. _____ is the inward or outward tilt of the wheel and tire assembly when viewed from the front of the vehicle.
6. List the three functions of Camber.
A. _____
B. _____
C. _____
7. Explain the difference between toe-in and toe-out.
Toe-in _____
Toe-out _____
8. Name 7 possible problems you should check before attempting to align a vehicle's front end.
A. _____ B. _____ C. _____ D. _____
E. _____ F. _____ G. _____
9. List the 7 basic steps for wheel alignment.
I. _____ J. _____ K. _____ L. _____
M. _____ N. _____ O. _____
10. What is an alignment rack? _____
