Alignment Diagnosis And Service
Chapter 120

ACROSS

4  The combined toe angle for both wheels is called _______.

7  Many manufacturers include a _______ in the service manual that gives the thickness and location of the shim changes based on the alignment reading.

12 Many vehicles with IRS use a type of alignment that uses the _______ ______ of the vehicle as a basis for all measurements of toe.

14 A _______ rule includes a check of the steering wheel.

15 Rear toe is often adjusted using an adjustable tie rod end or an _______ on the lower control arm.

DOWN

1  A measurable amount of alignment change can be made with a _______ _______.

2  A _______ alignment is the most accurate alignment method and is necessary to ensure maximum tire wear and vehicle handling.

3  Before checking or adjusting the front-end alignment, a _______ should be performed.

5  A _______ alignment uses the thrust angle of the rear wheels and sets the front wheels parallel to the thrust line.

6  _______ is a term used to describe the lead or pull of a vehicle caused by faults in the steering or suspension system.

8  The _______ is another term used to describe steering wheel position.

9  _______ occurs in front-wheel-drive vehicles when engine torque causes a front wheel to change its angle from straight ahead.

10 Specifications are often published in _______ or decimal degrees.

11 One excessively worn tire could cause unequal _______.

13 There are 60 minutes in 1 _______.