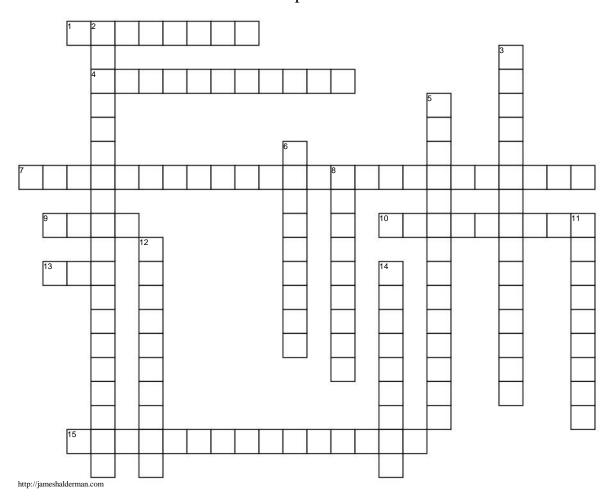


Front Suspension And Service

Chapter 25



ACROSS

1	At the end of many solid I-beam or tube axles are that allow the front wheels to
	rotate for steering.
4	A can also be used to help
	locate worn or defective suspension
	components.
7	A uses two
	control arms as well as a structural strut
	assembly.
9	Another name for an SLA suspension is the
	suspension.
10	To control longitudinal support, a is
	attached to each beam and is anchored to the
	frame of the truck using rubber bushings.
13	The two main links in a suspension are the
	upper control arm and the lower control arm.
15	Early versions of the twin I-beam systems used
	kingnins, while later models used hall joints to

support the _____ and spindle.

DOWN

2	Many load-carrying ball joints have wear indicators with a raised area around the grease
	fitting, called
3	can be of several types,
	including a MacPherson.
5	Defective shock absorbers can cause
	·
6	A front suspension is very strong
	and is still being used in the manufacture of
	medium and heavy trucks.
8	Afront suspension was used for over 30 years on Ford pickup trucks and vans.
11	Some replacement control arm bushings have a higher rating than the original.
12	Many GM front-wheel-drive vehicles use a MacPherson strut with a large-diameter spring
	seat area, this is called a
14	Some ball joint studs have a slot or groove where a is used to hold the ball joint to the steering knuckle.