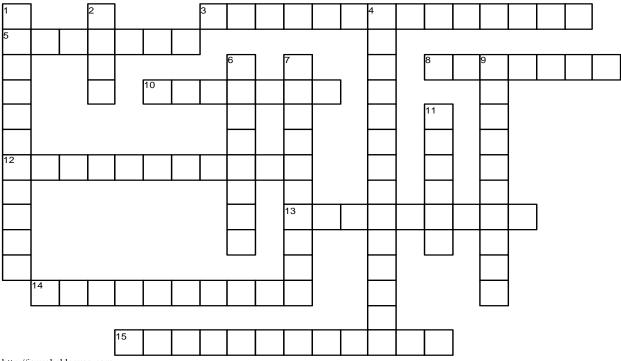
Fuel Pumps, Lines, And Filters Chapter 74



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ACROSS

3	Creating and maintaining a correct air-fuel
	mixture requires a properly functioning fuel
	and air
5	Ford vehicles use an switch.
8	A pump is the most common
	because it tends to be less noisy.
10	An internal gear pump, called a, is
	another type of positive displacement pump
	that is often used in engine oil pumps.
12	Some manufacturers use an in
	the system to reduce pressure pulses and
	noise.
13	If any part of the line is located near too
	much heat, the gasoline passing through it
	vaporizes and occurs.
14	Variations of the basic one-way
	may be installed in any number of places
	between the fuel tank and the engine.
15	The word hydro means liquid and the term
	kinetic refers to motion, so the term
	pump means that this design
	of pump rapidly moves the fuel to create
	pressure.

DOWN

1	A pump is another name for a
	turbine pump and uses an impeller.
2	systems have been developed to
	reduce evaporative emissions during
	refueling.
4	pressure prevents vapor
	lock and hot-start problems.
6	With late-model vehicles, there has been
	some concern about too much heat being
	sent back to the fuel tank, causing rising in-
	tank temperatures and increases in fuel
	vaporization and organic
	compound emissions.
7	A pump consists of a central
	impeller disk, several rollers or vanes that
	ride in notches in the impeller, and a pump
	housing that is offset from the impeller
	centerline.
9	In the or vane pump, the
	impeller draws fuel into the pump, and then
	pushes it out through the fuel line to the
	injection system.
11	A vertical in fuel tanks limits fuel
	sloshing as the vehicle moves.

