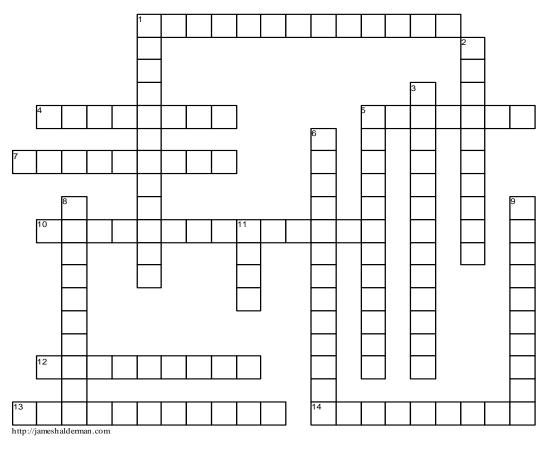
Engine Removal And Disassembly

Chapter 23



ACROSS

1	before the pistons can be removed from the clock,
	the must be removed.
4	Valve leakage is corrected by doing a
5	The engine can be lifted out of the with th
	transmission/transaxle attached.
7	replacement is a good example of an
	engine repair option when a timing chain is worn.
10	By using a engine, one can be
	replaced in a day or two, greatly reducing the
	amount of time the customer is without a vehicle.
12	The next step after the water pump has been
	removed is to remove the crankshaft
	damper.
13	Always use at least four grade 8 bolts when
	mounting an engine to an
14	The replacement assembly is called a
	when the reconditioned assembly includes the head
	and valve train

DOWN

1	are new engines built by the engine
	manufacturer and sold through vehicle dealers.
2	Additional engine problems that need attention may
	be noticed after the oil pan is removed and the
	piston and rod assemblies are taken out, this
	procedure is called the engine.
3	An example of a is a complete
	engine reconditioning job.
5	Draining the coolant from the radiator and the engin
	block help reduce the chance of coolant getting into
	the cylinders when the $___$ is removed.
6	A can usually be done without
	removing the engine from the chassis.
8	removing the engine from the chassis. A complete engine reconditioning job is called
В	5
8	5
	A complete engine reconditioning job is called
	A complete engine reconditioning job is called In some cases, when replacing the engine, only a
	A complete engine reconditioning job is called In some cases, when replacing the engine, only a reconditioned block, including the crankshaft, rods,
9	A complete engine reconditioning job is called In some cases, when replacing the engine, only a reconditioned block, including the crankshaft, rods, and pistons is used, this replacement assembly is
9	A complete engine reconditioning job is called ——————————————————————————————————

