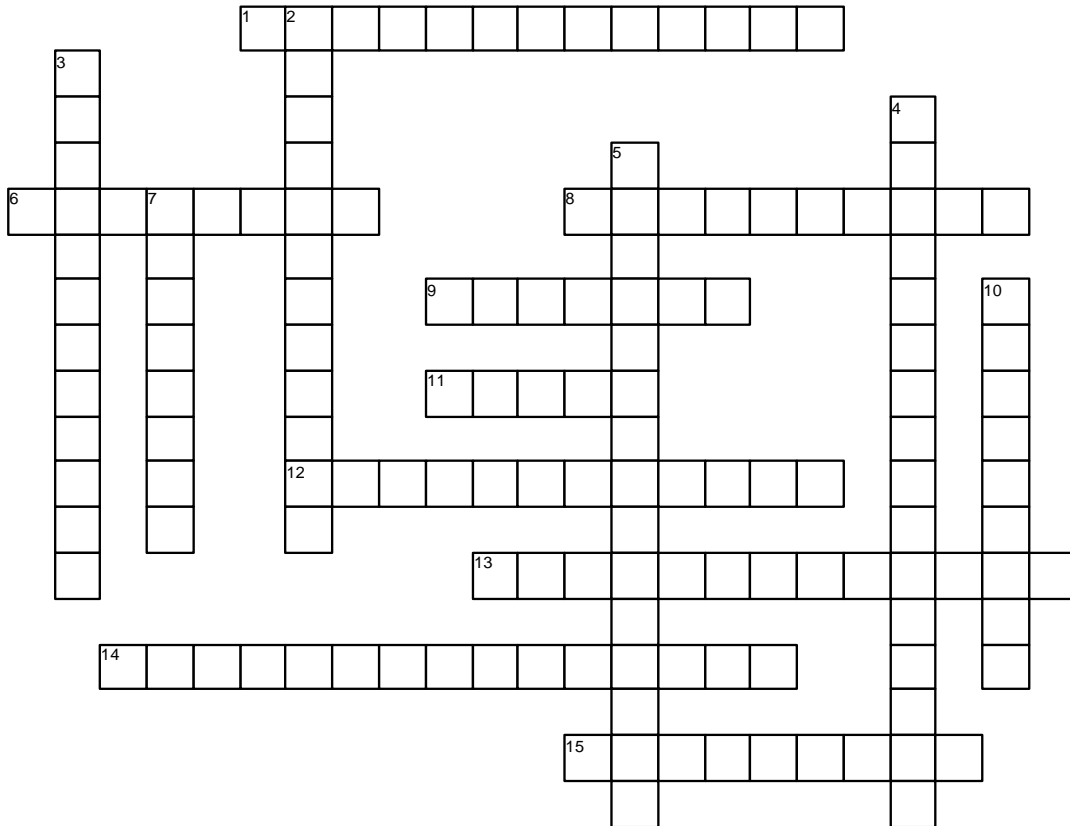# Engine Installation And Break-In
Chapter 35

ACROSS

1 Many _____ greases used during assembly can start to clog oil filters within 20 minutes after staring the engine.

6 _____ the engine is a term used to describe the process of attaching all of the auxiliary items to the engine.

8 Many engines for _____-_____ drive vehicles are installed from underneath the vehicle.

9 _____ means increasing the throttle opening without increasing engine speed.

11 During the preinstallation check, check that all fuel lines are properly connected and free from _____.

12 Upon engine start, record the _____ _____, it should be 17 to 21 in. Hg.

13 When installing the _____ _____, the radiator is installed and secured in place, followed by the cooling fan and shroud.

14 _____ _____ temperature is the temperature at which the upper radiator hose is hot and pressurized.

15 Never add _____ _____ to the cooling system while the engine is running.

DOWN

2 After engine start up, the ___ ___ _____ should be changed at 500 miles to remove any dirt that may have been trapped in the engine during assembly and to remove the material that has worn from the surfaces during the break-in period.

3 Applying loads to an engine for _____ _____ of time creates higher piston ring pressure against the cylinder walls and assists the breaking-in process by helping to seat the rings.

4 When installing the _____ _____, under the hood wiring to the starter and alternator should be connected as required.

5 Making a _____ checklist guarantees that all accessories are correctly reinstalled on the engine.

7 _____ the engine with a sling attached to the manifold or head bolts or lifting brackets on the top of the engine is necessary during engine installation.

10 When installing the engine in a _____-_____ drive vehicle, the engine must be tipped as it was during removal to let the transmission go into the engine compartment first.