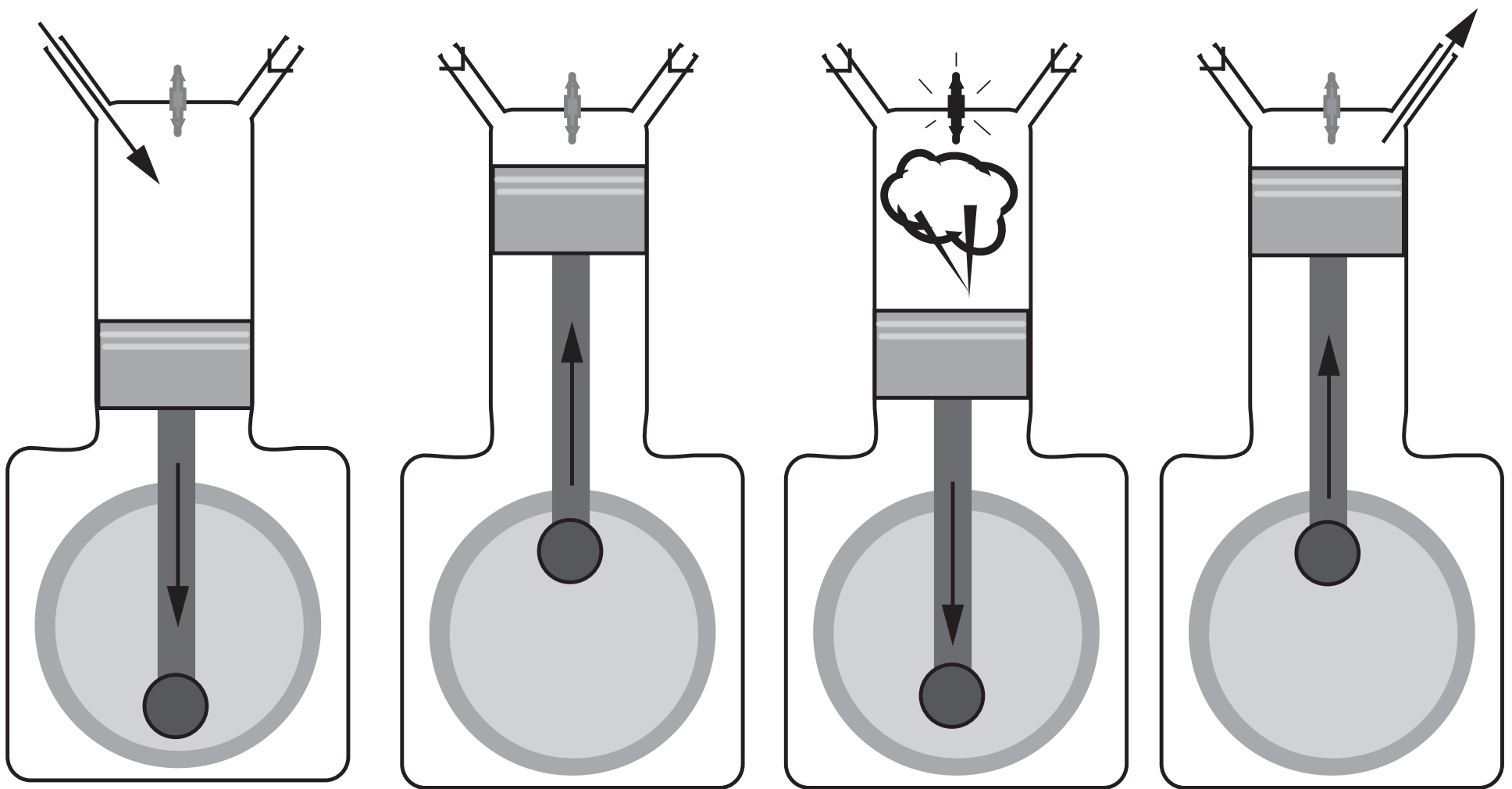


List the four steps of combustion in an internal combustion engine.

Note: The diagram shows the location of the parts at the END of each stroke.

--	--	--	--



<p>Intake Stroke T-9</p>	<p>As the crank shaft turns, the piston is pulled down, and gas and air enters the engine. T-9</p>	<p>The spark plug emits a spark and causes an explosion as the gasoline burns, This pushes the piston down. T-9</p>
<p>Compression Stroke T-9</p>	<p>As the crank shaft turns, the piston is pushed upward, compressing the gas and air. T-9</p>	<p>As the crank shaft turns, the piston is pulled down again and the exhaust exits through the exhaust valve. T-9</p>
<p>Combustion Stroke T-9</p>		
<p>Exhaust Stroke T-9</p>		

To Make Your **MatchCard** more durable:

1. Put the student MatchCard in a clear plastic page protector.
2. Laminate the information pieces. You can also make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.
3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.
4. The complete Technology Unit Study provides the student worksheets, answer key, and teaching activities for this and 8 other objectives. See the website for more information.