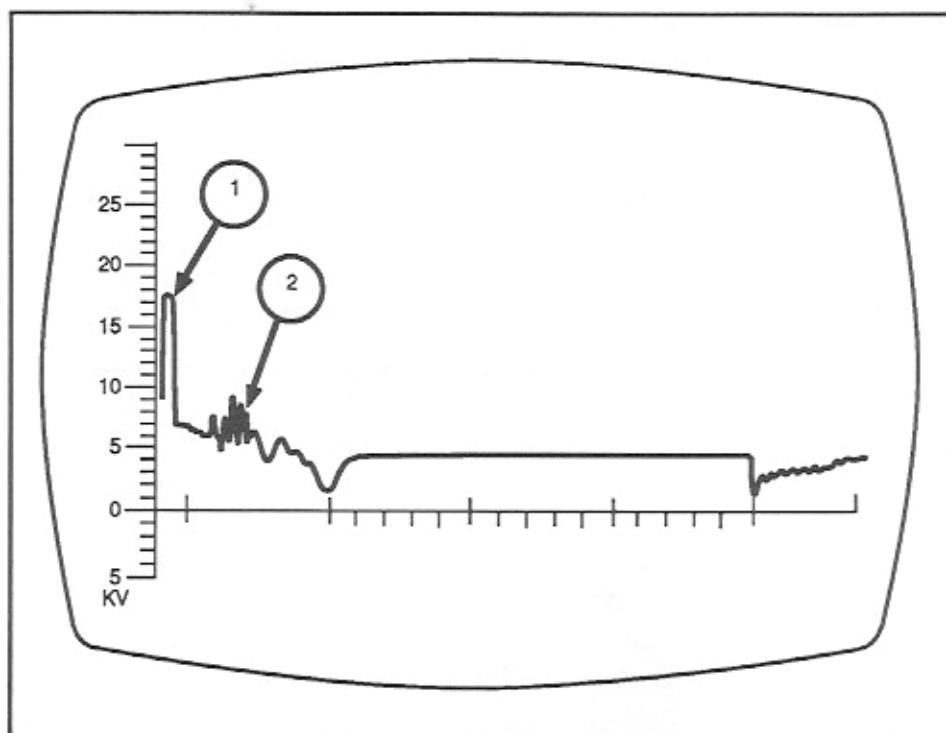


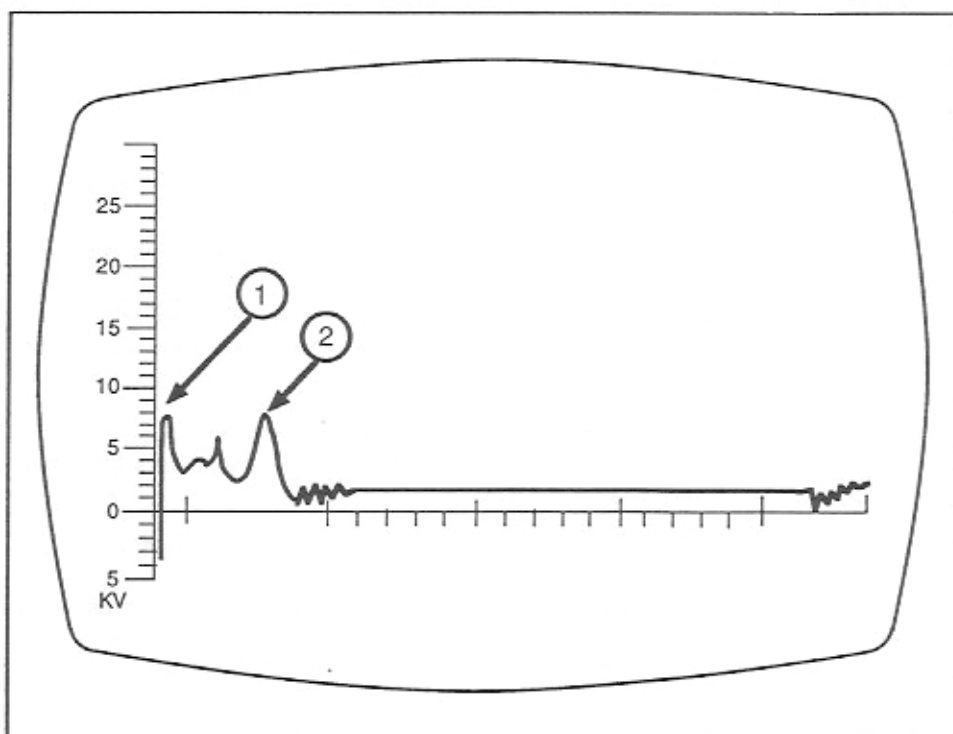
AIR LEAK



Air Leak

An air leak into the cylinder causes the spark to intermittently go out and restart as the plug first fires in the combustible fuel, then the non-combustible air. This causes the excessive "hash" on the firing line.

LEAN INJECTOR



Lean Injector

Port fuel injection systems have one injector per cylinder. Contamination or total failure in a single injector can cause an extremely lean mixture for that cylinder. This condition is characterized by (2) an extreme upslope on the firing line that nearly equals the height of the peak kV (1).