Automotive Diagnostic **Leak Detector**

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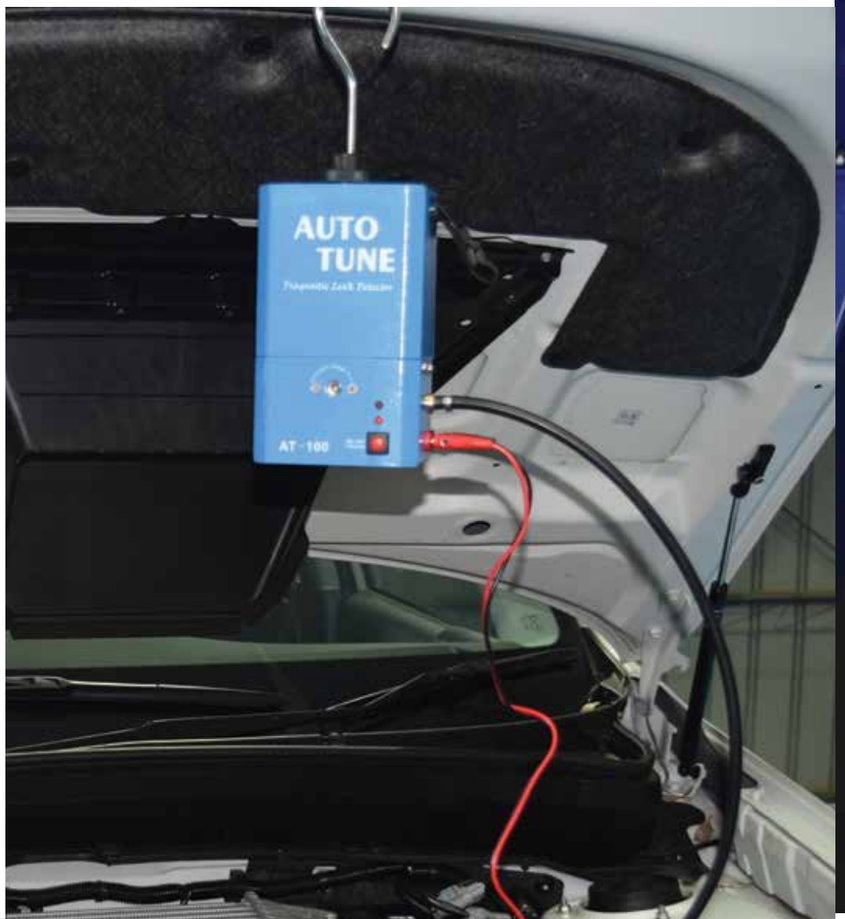
Diagnosing air leaks in modern engine can be quite challenging as intake manifolds evolve and unfortunately the spray bottle of water or the throttle body cleaner sprayed around the engine just won't cut it in the modern automotive workshop. The use of plastic intake manifolds and the maze of vacuum hoses that seem to disappear somewhere in the engine bay make diagnosing this type of problem almost impossible without the right equipment.

So here at the Northern Sydney Institute we were happy to test the Automotive Diagnostic Leak Detector. This leak detector pumps smoke into the intake to identify leaks no matter how small. Now I am use to this type of tool being quite large so was surprised that the whole package fits in a carry case. The use of an inflatable bladder to seal the intake removes the need to try and find the right plug to seal off the intake as with other leak detectors. However you need to handle this with care as the bladder material is quite thin and can be punctured if there are any sharp objects in the intake. We tested this tool on our Diesel Subaru Forester and found Automotive Diagnostic Leak Detector to be easy and simple to use. The main unit connects to the battery using alligator clamps and powers up quite quickly. The unit will cycle off in 5 minutes to prevent draining of the battery. Once it started producing smoke we connected the smoke nozzle to the intake via the inflatable bladder and we were ready to start diagnosing.

This tool is compact and easy to use. It can be used to diagnose air leaks in naturally aspirated engines and boost leaks in turbo engines and all those other leaks in between. I wish I had this tool at the race track! Don't spend hours guessing with a spray bottle checking for leaks, make this tool part of your modern automotive workshop and take the guess work out of your diagnosis.



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