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*Propane Powered Police Cruisers
Providing Greener Solutions*



LONDON POLICE SERVICE / MAX-QUIP INC. 2008 FORD CROWN VICTORIA POLICE INTERCEPTOR

The Crown Victoria Police Interceptor allows propane equipment to be installed without changes to the suspension or trunk cavity. The propane conversion kit in this display vehicle is manufactured by Prins Autogassystemen in the Netherlands and distributed in North America by MaX-Quip Inc., integrates Vapour Sequential Injection technology, designed to deliver exceptional performance and emissions, without power loss or compromise in drivability (compared to gasoline). Components include the propane lock-off valve, vapourizer/regulator, a filter equipped with pressure and temperature sensors, injector rail and module, control module (interfaces with factory PCM/ECM) and a 94-litre fuel tank that has a capacity to complete a shift without refuelling. The tank is mounted in the trunk cavity so there is no effect on ground clearance but still plenty of trunk space.

Since propane conversions began in 1982, taxpayers have saved millions of dollars - 2008 savings are estimated at over \$360,000. Almost 60 percent of the fleet runs on propane, and saves roughly \$18,000 over the life of a typical vehicle. The propane vehicles have comparable horsepower to the gasoline models, and a longer engine life which has contributed to increased resale demand and value. They are stored in a heated underground garage equipped with safety devices to detect fuel leaks, and fleet maintenance software is used to track service requirements. The vehicles have experienced collisions from all angles, some damaged beyond repair, and the equipment has withstood the abuse and have had no safety problems related to the use of propane.



** Excerpt from PGAC Government Day Presentation.*