

C.T.I. Traffic Industries Co., Ltd.

Piston rings, timing kits, engine gaskets, engine valves, oil seals, valve seals etc.

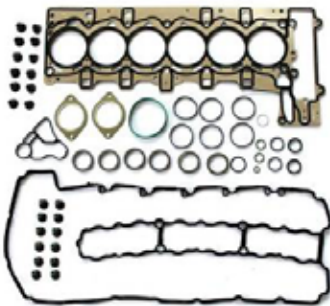
Founded in 1973, C.T.I. Traffic Industries Co., Ltd. is a Taiwan listed company specializing in developing and producing quality engine parts and repair kits for more than 40 years, claiming to be the largest manufacturer of piston rings in Taiwan.

The QS 9000- and ISO/TS16949-certified maker has been tapping accumulated know-how and intensive investments to expand product lines, supplying mostly piston rings, timing kits, engines valves, gaskets, piston kits, oil seals, valve seals and others, which are globally marketed under the company's own CTI, KM, CLA TOKEI brands.

The maker stresses that it is a globally renowned supplier of piston rings, not only for its high-quality products, but also competitive prices and leading product comprehensiveness by providing more than 20,000 piston-ring tooling. C.T.I.'s other products, such as timing kits and gasket kits, have also been rapidly seeing higher popularity in the global market.

C.T.I.'s monthly piston-ring production capacity is one million pieces. About 90% of its products are exported to major customers in South America, North America, the Middle East, Europe and Asia.

To meet increasing demand for high-efficiency and lower-emission internal combustion engines (ICE), C.T.I. utilizes its expertise to have successfully developed the Black Diamond Piston Ring series. The company applies Back-Diamond membrane on the surface of piston rings, achieving higher hardness gradient, lower friction, better wear resistance, lower internal stress and extended life etc., which together lead to higher engine fuel efficiency and lower emission. More specifically, C.T.I. says, the Black-Diamond piston rings' friction coefficient is 90% lower than typical electroplated counterparts, prolonging piston-ring life by 89% to 95%, and creating up to 10% fuel saving.



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