

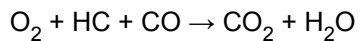
CATALYTIC CONVERTER SYSTEM OPERATION [ZJ, Z6, LF]

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• Contaminants in the exhaust gas (HC, CO, NO_x) are purified by oxidization and deoxidization while passing through the catalytic converter.

- Oxidization process

- Noxious HC (hydrocarbon) and CO (carbon monoxide) are bonded to oxygen which is converted to non-noxious carbon dioxide and water.



- Deoxidization process

- Noxious NO_x (nitrogen oxide) is converted to non-noxious nitrogen and oxygen. A part of the oxygen generated at this time is used in the oxidization process.

