

UNDERSTANDING COMPLIANT AND MAKING THE RIGHT CHOICES!

THE INSIDE STORY



EXHAUST TECHNOLOGIES®

THE DIFFERENCE!

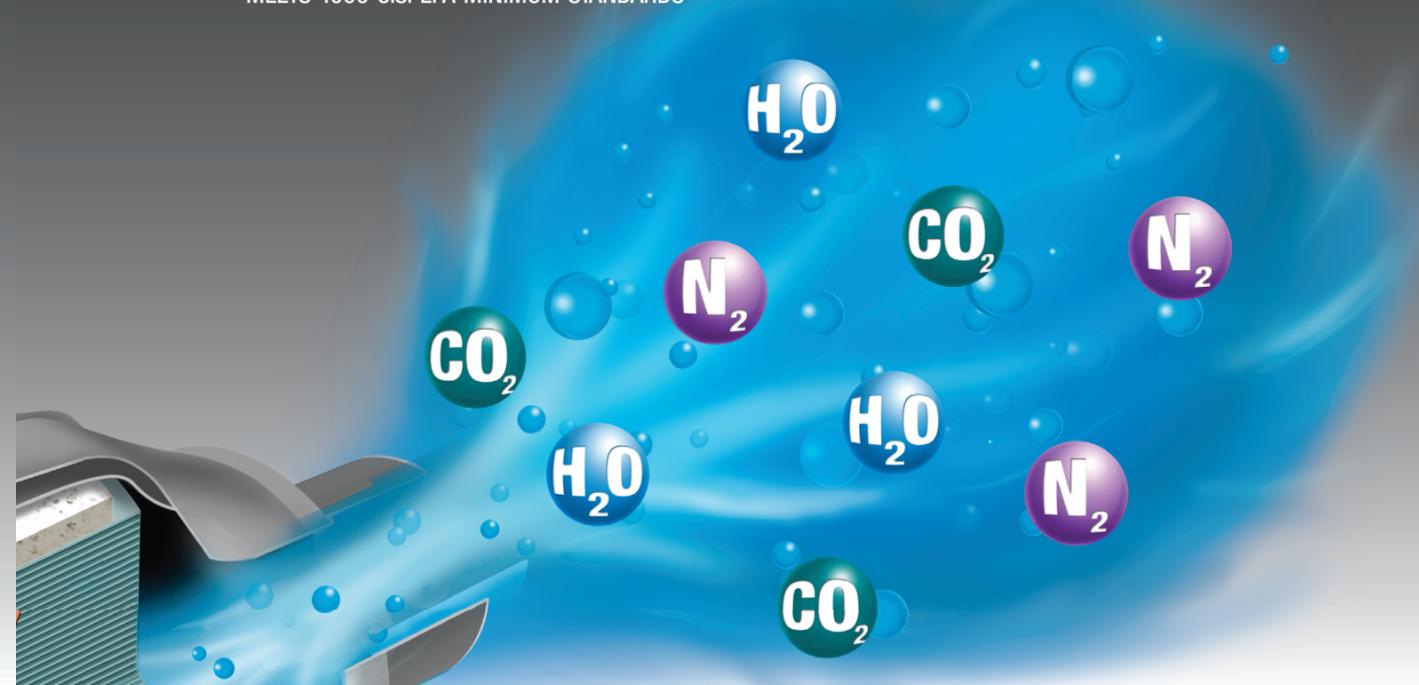
BETWEEN

OBD II BY DESIGN™

U.S. EPA COMPLIANT CATALYTIC CONVERTERS

& COMPLIANT* STANDARD DUTY CONVERTERS

* MEETS 1986 U.S. EPA MINIMUM STANDARDS



Know The Inside Story

Understand The Real Difference

Identify The Real Problem

Repair The Real Problem

Preventive Maintenance

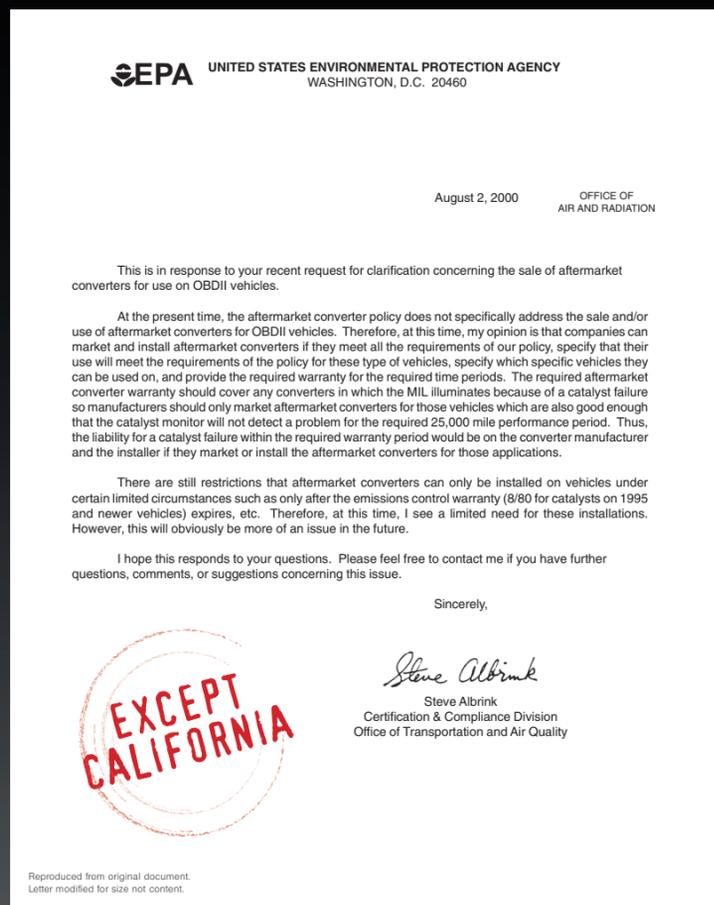
OBD II Designed Converters

O₂ Sensor Replacement

Clean Out The Engine Carbon

The Right Equipment

Training Updates



Choose U.S. EPA Compliant
OBD II by Design™
 Direct Fits and Universals



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OBD II BY DESIGN™

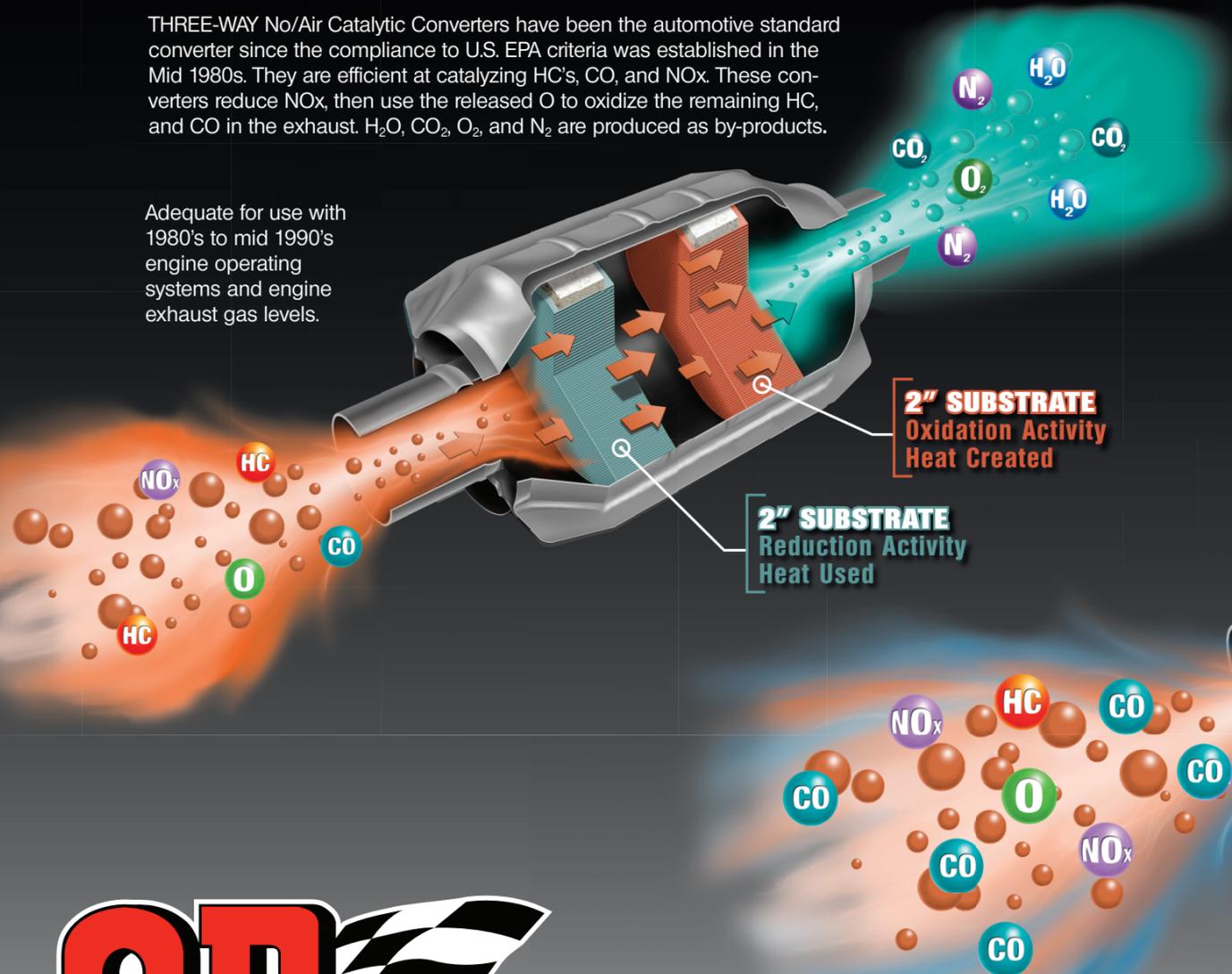
The Right Choice For Today's
Complex OBD II Systems

Catalytic Converters

STANDARD DUTY CATALYTIC CONVERTER

THREE-WAY No/Air Catalytic Converters have been the automotive standard converter since the compliance to U.S. EPA criteria was established in the Mid 1980s. They are efficient at catalyzing HC's, CO, and NOx. These converters reduce NOx, then use the released O to oxidize the remaining HC, and CO in the exhaust. H₂O, CO₂, O₂, and N₂ are produced as by-products.

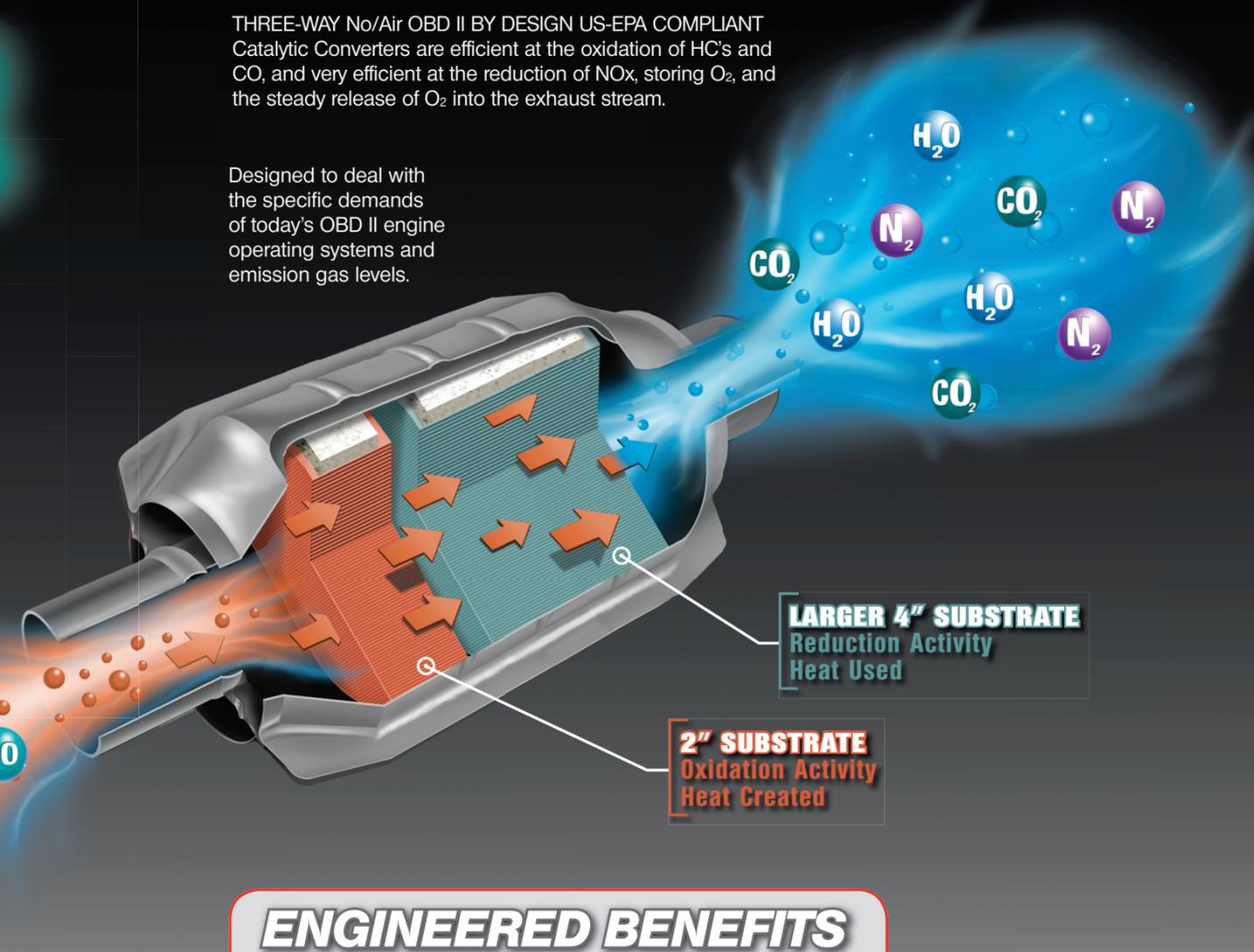
Adequate for use with 1980's to mid 1990's engine operating systems and engine exhaust gas levels.



OBD II ENGINEERED CATALYTIC CONVERTER

THREE-WAY No/Air OBD II BY DESIGN US-EPA COMPLIANT Catalytic Converters are efficient at the oxidation of HC's and CO, and very efficient at the reduction of NOx, storing O₂, and the steady release of O₂ into the exhaust stream.

Designed to deal with the specific demands of today's OBD II engine operating systems and emission gas levels.



EXHAUST TECHNOLOGIES®
CATALYTIC CONVERTERS

For compliant California legal catalytic converters, see California OBD II application catalog.

CO	Carbon Monoxide	N ₂	Nitrogen
CO ₂	Carbon Dioxide	NO _x	Oxides of Nitrogen
H ₂ O	Water	O	Oxygen
HC	HydroCarbon	O ₂	Oxygen

ENGINEERED BENEFITS

- Larger Total Substrate Size
- Increased Precious Metals Loading
- Improved O₂ Storage & Release
- Lower Emissions Output
- Long Term Reliability

MIL LightSTAYS OFF!