

## NO<sub>x</sub> AFTERMARKET DEVICES

### EXEMPTIONS

In California, an aftermarket NO<sub>x</sub> control device may be required on 1966-70 vehicles under 6,001 pounds gross vehicle weight. However, for technical reasons, certain vehicles are exempt from this requirement. These exemptions may be stated as follows:

- 1) All vehicles with engines having less than 50 cubic inch displacement.
- 2) All vehicles which operate on natural gas or liquefied petroleum gas (LPG). This includes dual-fuel systems.
- 3) All vehicles originally equipped with engines having special intake or exhaust manifolds, ram air induction, multiple carburetors, turbochargers, or fuel injection.
- 4) All vehicles with engines equipped with an originally designed and approved device which meets the oxides of nitrogen standard.
- 5) All other vehicles exempt under Section 39177 of the Health and Safety Code.

Following are examples of domestic vehicles which are exempt for the above reasons. This list is not intended to be complete, but is intended to present guide lines for determining vehicle exemption.

### DOMESTIC VEHICLES ORIGINALLY EQUIPPED WITH MORE THAN ONE CARBURETOR

Manufacturer & Model Year	Engine Description
Chevrolet 1966-69	427", Three-2 Bbl.
Corvette 1967	427", Three-2 Bbl. Engine Code will end with: JC, JA, JH, JF, JD, JG
Corvette 1968	427", Three-2 Bbl. Engine Code will end with: IM, LO, IT, IV, ID
Corvette 1969	427", Three-2 Bbl. Engine Code will end with: LQ, LN, LT, LR, LX
Corvair 1966-69	164", Two-1 Bbl. and Four-1 Bbl.
Dodge 1967	426", Two-4 Bbl.
Dodge 1968-69	426", Two-4 Bbl., 5th digit in VIN is "J"
Dodge 1969	440", Three-2 Bbl.
Dodge 1970	426", Two-4 Bbl. 440", Three-2 Bbl. 5th digit in VIN is "V"
Ford 1966	427", Two-4 Bbl.
Ford 1967-68	427", Two-4 Bbl. 5th digit in Serial No. is "R"
Mercury 1966	427", Two-4 Bbl. 5th digit in Serial No. is "R"
Plymouth 1967-69	427", Two-4 Bbl. 5th digit in VIN is "J"
Plymouth 1970	427", Two-4 Bbl. 440", Three-2 Bbl. 5th digit in VIN is "V"
Pontiac 1966	421", Three-2 Bbl. YK, WH, YJ, or YM on engine 389", Three-2 Bbl. WS or YR on engine

### DOMESTIC VEHICLES ORIGINALLY EQUIPPED WITH TURBOCHARGES

Manufacturer & Model Year	Engine Description
Corvair 1966	164"
International Harvester 1966	152"

### DOMESTIC VEHICLES ORIGINALLY EQUIPPED WITH RAM AIR

Manufacturer & Model Year	Engine Description
Pontiac 1968	400", One-4 Bbl.

### DOMESTIC VEHICLES WITH ENGINES ORIGINALLY DESIGNED AND APPROVED NO<sub>x</sub> CONTROL SYSTEM

All 1970 model year General Motors vehicles are exempt from this program except for the following vehicles:

Manufacturer & Model	Engine & Trans.
Cadillac	
El Dorado	500" 4-Bbl. Auto.
Buick	
GS, Skylark	350" Auto.
LaSabre	350" Auto.
GS, LeSabre	455" 4-Bbl. Auto.
Wildcat, Electra & Riviera	455" 4-Bbl. Auto.
Chevrolet	
Nova	153" 1-Bbl. Man. & Auto.
Chevrolet, Chevelle, Nova	350" 4-Bbl. Auto.
Camaro, Corvette, Monte Carlo	350" 4-Bbl. Auto.
El Camino, Pickup	350" 4-Bbl. Auto.
Chevrolet, Monte Carlo	400" 2-Bbl. Auto.
Oldsmobile	
88, 98, Toronado	455" 4-Bbl. Auto. & Man.
Cutlass	350" 4-Bbl. Auto. & Man.
GMC Pickup	350" 4-Bbl. Auto. & Man.

### OTHER EXEMPTIONS

- 1) All vehicles with engines of 50 cubic inch displacement or larger equipped with Air Quality Products "1966-70 PURE POWER" high performance system (identified with a green label) are exempt.
- 2) All vehicles with greater than 200 cubic inch displacement equipped with Contignitron Company's "Model 48" and "Model 46" electronic ignition system are also exempt.

### SYSTEM APPLICATIONS

In addition to the exemptions listed above, certain systems cannot be installed on some vehicles.

#### DANA DEVICE

Cannot be installed on:

- 1) Vehicles equipped with capacitive discharge ignition systems that use an intake manifold vacuum source.
- 2) Vehicles with air-cooled engines.
- 3) Vehicles which have distributors with centrifugal advance only.

# Emission Control Applications

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## NO<sub>x</sub> AFTERMARKET DEVICES (Cont.)

### ECHLIN DEVICE

Cannot be installed on:

- 1) Vehicles with engine displacement of 200 cubic inches or less.
- 2) 1966-70 International Harvester vehicles.
- 3) Vehicles with air-cooled engines.
- 4) Vehicles which have distributors with vacuum advance only.
- 5) Vehicles which have distributors with centrifugal advance only.

### CARTER DEVICE

Cannot be installed on:

- 1) Vehicles with engine displacement of 140 cubic inches or less.

- 2) Vehicles which have distributors with vacuum advance only.

- 3) Vehicles which have distributors with centrifugal advance only.

- 4) Vehicles with air-cooled engines.

- 5) Vehicles equipped with capacitive discharge ignition systems.

### KAR-KIT DEVICE

Cannot be installed on:

- 1) Vehicles with engine displacement of 140 cubic inches or less.
- 2) Vehicles which have only a vacuum advance distributor.
- 3) Vehicles which have only a centrifugal advance distributor.
- 4) Vehicles with air-cooled engines.