

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-133-A
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1989 model-year Toyota Motor Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement</u>		<u>Exhaust Emission Control Systems</u>
	<u>Liters</u>	<u>(Cubic Inches)</u>	<u>(Special Features)</u>
KTY2.0V5FCC1	2.0	(121.9)	Exhaust Gas Recirculation Three-Way Catalysts (2) Oxygen Sensors (2) (Electronic Port Fuel Injection) (On-Board Diagnostics)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
<u>(Grams per Mile)</u>	<u>(Grams per Mile)</u>	<u>(Grams per Mile)</u>
0.39	7.0	0.4

The following are the certification emission values for this engine family:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
<u>(Grams per Mile)</u>	<u>(Grams per Mile)</u>	<u>(Grams per Mile)</u>
0.17	1.6	0.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Administrative Code, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 12th day of August, 1988.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer Toyota Motor Corporation Engine Family KTY2.0V5FCC1
 Evaporative Family EV-B Engine Type 4 cyl. in-line
 Liters (CID) 2.0 (121.9)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 ECU-Electronic Control Unit
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CFI, EPFI, MPFI, SFI,
 DID, DIP, HOS, OS
 nV-nVenturi Carburetor
 VV-Variable Venturi Carburetor

Exhaust Emissions Control System

AIP-Air Injection - Pump
 AIV-Air Injection - Valve
 EGR-Exhaust Gas Recirculation
 EIC-Electronic Injection Control (Diesel Only)
 EM-Engine Modification
 SPL-Smoke Puff Limiter or Throttle Delay
 TOC-Trap Oxidizer, Continual
 TOP-Trap Oxidizer, Periodical
 DBC-Dual Bed Catalyst
 OC-Oxidation Catalyst
 TWC-Three-Way Catalyst
 WUOC-Warm-up Oxidation Catalyst
 WUTWC-Warm-up Three-Way Catalyst
 OS-Oxygen Sensor
 HOS-Heated Oxygen Sensor

Special Features

CFI-Central Fuel Injection or Throttle Body Injection
 EPFI-Electronic Port Fuel Injection
 MPFI-Mechanical Port Fuel injection
 SFI-Sequential Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 TC-Turbocharger
 SC-Supercharger
 IC-Intercooler or Aftercooler
 CCV-Combustion Chamber Valve
 OBD-On-Board Diagnostics

VEHICLE MODELS :

<u>Camry</u>	<u>Camry wagon</u>	<u>Celica</u>	<u>Celica convertible</u>
SV21L-UEMDKA	SV21LG-UWMDKA	ST162L-BCMSKA	ST162L-BKMKVA
-UEMBKA	-UWPDKA	-BCMVA	-BKPVA
-UEPDKA	-UWPNKA	-BCPSKA	
-UEPNKA		-BCPVKA	
-UEPBKA		-BLMVKA	
		-BLPVKA	

Engine: Front x Mid. Rear
 Drive: FWD x RWD 4WD Full time 4WD Part time

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 2Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel Manufacturer Toyota Motor Corporation Engine family KTY2.0V5FCC1Liter (CID) 2.0 (121.9) Eng. Type 4 cyl. in-lineEmission Control Sys. (Special Features) EGR + TWC + TWC + OS + OS (EPFI + OBD)

Engine code	Vehicle Models (If Coded see attachment) (Dyno Hp: Refer to 08.13.02.00)	Trans. Type	Equiv. Test Weight	Ign. System ECU, EI, ESAC Part No. [Computer]	Fuel System EPFI, OS Part No. [Computer] [Air flow meter] [Injector]	EGR Valve Part No.	Catalyst Part No.
1 & 2	SV21L-UEMDKA -UEMBKA SV21LG-UWMDKA	M5	3,000 3,125 3,250	89661-32350	89661-32350 22250-74101 23250-74060	25620-74140	Manifold converter : 25508-74070 (S11) *1 Under floor : 18450-74190 (01) *1
3 & 4	SV21L-UEPBKA	A4	3,125	89661-32350	89661-32350 22250-74101 23250-74060	25620-74150	
5 & 6	SV21L-UEPDKA -UEPNKA SV21LG-UWPDKA -UWPNKA	A4	3,125 3,250	89661-32360	89661-32360 22250-74101 23250-74060		
7 & 8	ST162L-BCMSKA -BCMVKKA -BKMVKKA -BLMVKA	M5	2,875 3,000 3,125	89661-32350	89661-32350 22250-74120 23250-74060	25620-74140	
9 & 10	ST162L-BCPSKA -BCPVKA -BKPVKKA -BLPVKA	A4	2,875 3,000 3,125 3,250	89661-32350	89661-32350 22250-74120 23250-74060	25620-74150	

Note *1 : Parenthetical information represents identifying marks found on production parts.

Comments : See page one for abbreviations and evaporative emission family identification. Please refer to manufacturers HP list for correct dyno test HP settings based on model and equipment.

Manufacturer Toyota Motor Corporation Engine Family KTY2.0V5FCC1
 Evaporative Family EV-E Engine Type 4 cyl. in-line
 Liters (CID) 2.0 (121.9)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 ECU-Electronic Control Unit
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection - Pump
 AIV-Air Injection - Valve
 EGR-Exhaust Gas Recirculation
 EIC-Electronic Injection Control (Diesel Only)
 EM-Engine Modification
 SPL-Smoke Puff Limiter or Throttle Delay
 TOC-Trap Oxidizer, Continual
 TOP-Trap Oxidizer, Periodical
 DBC-Dual Bed Catalyst
 OC-Oxidation Catalyst
 TWC-Three-Way Catalyst
 WUOC-Warm-up Oxidation Catalyst
 WUTWC-Warm-up Three-Way Catalyst
 OS-Oxygen Sensor
 HOS-Heated Oxygen Sensor

Special Features

CFI-Central Fuel Injection or Throttle Body Injection
 EPFI-Electronic Port Fuel Injection
 MPFI-Mechanical Port Fuel injection
 SFI-Sequential Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 TC-Turbocharger
 SC-Supercharger
 IC-Intercooler or Aftercooler
 CCV-Combustion Chamber Valve
 OBD-On-Board Diagnostics

Fuel System

CPI, EPFI, MPFI, SFI,
 DID, DIP, HOS, OS
 nV-nVenturi Carburetor
 VV-Variable Venturi Carburetor

VEHICLE MODELS :

<u>Camry</u>	<u>Camry wagon</u>	<u>Celica</u>	<u>Celica convertible</u>
SV21L-UEMDKA	SV21LG-UWMDKA	ST162L-BCMSKA	ST162L-BKMKVA
-UEMBKA	-UWPDKA	-BCMVA	-BKPVKA
-UEPDKA	-UWPDKA	-BCPSKA	
-UEPNKA		-BCPVKA	
-UEPBKA		-BLMVKA	
		-BLPVKA	

Engine: Front x Mid. Rear
 Drive: FWD x RWD 4WD Full time 4WD Part time

17.11.00

E.O. # A-14-133-A

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 2Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel Manufacturer Toyota Motor Corporation Engine Family KTY2.0V5FCC1Liter (CID) 2.0 (121.9) Eng. Type 4 cyl. in-lineEmission Control Sys. (Special Features) EGR + TWC + TWC + OS + OS (EPFI + OBD)

Engine code	Vehicle Models (If Coded see attachment) (Dyna Hp: Refer to 08.13.02.00)	Trans. Type	Equiv. Test Weight	Ign. System ECU, EI, ESAC Part No. [Computer]	Fuel System EPFI, OS Part No. [Computer] [Air flow meter] [Injector]	EGR Valve Part No.	Catalyst Part No.
1 & 2	SV21L-UEMDKA -UEMBKA SV21LG-UWMDKA	M5	3,000 3,125 3,250	89661-32350	89661-32350 22250-74101 23250-74060	25620-74140	Manifold converter : 25508-74070 (S11) *1
3 & 4	SV21L-UEPBKA	A4	3,125	89661-32350	89661-32350 22250-74101 23250-74060	25620-74150	Under floor : 18450-74190 (01) *1
5 & 6	SV21L-UEPDKA -UEPNKA SV21LG-UWPDKA -UWPNKA	A4	3,125 3,250	89661-32360	89661-32360 22250-74101 23250-74060		
7 & 8	ST162L-BCMSKA -BCMVKA -BKMVKA -BLMVKA	M5	2,875 3,000 3,125	89661-32350	89661-32350 22250-74120 23250-74060	25620-74140	
9 & 10	ST162L-BCPSKA -BCPVKA -BKPVKA -BLPVKA	A4	2,875 3,000 3,125 3,250	89661-32350	89661-32350 22250-74120 23250-74060	25620-74150	

Note *1 : Parenthetical information represents identifying marks found on production parts.

17.11.00

E.O. # A-14-133-A

**1989 MODEL-YEAR CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & FILL SPECIFICATION COMPLIANCE (1/2)**

49.1 (.4 NOx) 1.8 (0.7 HC)

Mfr. Toyota Motor Corporation Engine Family KTY2,0V5FCC1

PC LDT MDV Gas Diesel LPG Cert. Type - CA 49S 50S

CID 121.9 Liters 2.0 Rated HP 115 @ 5,200 RPM Rated Torque 124 @ 4,400 RPM

Type Cert - 50K 100K Evaporative Family EV-E Eng. Type 4 cyl. in-line

Exhaust Control Sys. and (Special Features) EGR + TWC + TWC + OS + OS (EPFI + OBD)

	<u>Section/Page</u>										
1 Authorized Representative	<u>01.02.02</u>										
2 Fuel, Test Equipment Procedures & Route	<u>03.00.00, 04.00.00, 05.00.00</u>										
3 Warr. State & Parts List	<u>17.10.00, 19.03.00, 20.02.11</u>										
4 Maint: Cert/Req'd/Recm'd	<u>06.00.00</u>										
5 Tune-Up Lab./Vac. Hose Diag.	<u>07.00.00, 17.06.00</u>										
6 Evap. Control System	<u>19.00.00</u>										
7 Engine Parameters	<u>20.01.00</u>										
8 Fuel/Ignition Systems	<u>08.01.01.01, 08.02.01.00, 02.03.00</u>										
9 Exhaust Control System	<u>20.02.00</u>										
10 Projected Sales	<u>17.13.00</u>										
11 Vehicle Descript.	<u>20.02.08</u>										
12 Test Veh. Information	<table border="0"><tr><td>Dur.</td><td>Emis.</td></tr><tr><td>88 MY</td><td>N/A</td></tr><tr><td>88-D5 *1</td><td>89-SV2 *2</td></tr><tr><td>88-D5 *1</td><td>89-SV2 *2</td></tr><tr><td>88-D5 *1</td><td>N/A</td></tr></table>	Dur.	Emis.	88 MY	N/A	88-D5 *1	89-SV2 *2	88-D5 *1	89-SV2 *2	88-D5 *1	N/A
Dur.	Emis.										
88 MY	N/A										
88-D5 *1	89-SV2 *2										
88-D5 *1	89-SV2 *2										
88-D5 *1	N/A										
C/O MY or C/A EF											
Zero Mile Books											
Vehicle Logs											
Maint. Logs & Engr. Eval.											
13 Evap. Bench Test Procedure	<u>13.02.00</u>										
14 Gen. Std., Increase in Em., Safety, Mtg. All Req'ments.	<u>17.01.01</u>										
15 Prod. Veh. Same as Test Veh.	<u>17.01.01</u>										
16 Label Durability	<u>17.06.00</u>										
17 Driveability	<u>17.01.02</u>										
18 Fill Pipe Specs.	<u>17.04.02</u>										
19 Altitude A/F Req'ment	<u>17.02.00</u>										
20 Tamperproof Req'ment	<u>17.03.00</u>										
21 CK for DF. Outlier, Line Xing	<u>Checked</u>										
22 EPA Certificate	<u>Not Applicable</u>										
23 Two yr./24K Warranty	<u>See Owner's Manual</u>										
24 Alcohol Compatible	<u>Already submitted</u>										
25 Cert. Preview Program											
26 OBD system	<u>17.05.00</u>										
27 OBD Extension	<u>Not Applicable</u>										

PROJECTED EMISSIONS(1)

Veh. ID	Code	Trans	Axle	ETW	RLHP	MPG	Test Loc.	NMHC	CO	NOx	Hwy	Evap	Part
	(Displ)		Ratio			City/Hwy					NOx		
89-SV2 (00)	4	A4	3.53	3,125	8.1	28.1/40.5	MFR	0.17	1.6	0.10	0.074	0.64	-
89-RN11 ^{*3} (00)	8 (2.4L)	A4	4.56	3,875	15.7	- / -	MFR	-	-	-	-	0.43	-
89-RN11 ^{*4} (01)	8 (2.4L)	A4	4.56	3,875	15.7	- / -	MFR	-	-	-	-	0.40	-

(1) The emission data vehicle/s above comply with standards of and includes deterioration factors of

<u>0.39</u>	<u>7.0</u>	<u>0.4</u>	<u>0.5</u>	<u>2.0</u>	<u>-</u>
<u>1.147</u>	<u>1.000</u>	<u>1.054</u>	<u>1.054</u>	<u>0.004</u>	<u>-</u>

- 88-D3, 85-D1,
- 88-D4, 88-D5,
- 86-D3, 88-D6,
- 88-D7, 84-DT6,
- 88-DT1, 87-DT1,

Evaporative DF is the average of Vehicle DF 89-DT3 & 88-DT3 and Bench DF 83-BV-30
 (2) Trap Oxidizer :Yes No ; Continual Periodic

- Remarks *1 See 17.12.00 in 88 MY application
- *2 See 20.03.04 and 20.03.05
- *3 Tested on regular unleaded gasoline
- *4 Tested on premium unleaded gasoline

Application _____
 Processed by _____ Date _____ Reviewed by _____ Date _____

Manufacturer Toyota Motor Corporation Engine Family KTY2.0V5PCC1
 Evaporative Family EV-E Engine Type 4 cyl. in-line
 Liters (CID) 2.0 (121.9)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 ECU-Electronic Control Unit
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CPI, EPFI, MPFI, SFI,
 DID, DIP, HOS, OS
 nV-nVenturi Carburetor
 WV-Variable Venturi Carburetor

Exhaust Emissions Control System

AIP-Air Injection - Pump
 AIV-Air Injection - Valve
 EGR-Exhaust Gas Recirculation
 EIC-Electronic Injection Control (Diesel Only)
 EM-Engine Modification
 SPL-Smoke Puff Limiter or Throttle Delay
 TOC-Trap Oxidizer, Continual
 TOP-Trap Oxidizer, Periodical
 DBC-Dual Bed Catalyst
 OC-Oxidation Catalyst
 TWC-Three-Way Catalyst
 WUOC-Warm-up Oxidation Catalyst
 WUTWC-Warm-up Three-Way Catalyst
 OS-Oxygen Sensor
 HOS-Heated Oxygen Sensor

Special Features

CFI-Central Fuel Injection or Throttle Body Injection
 EPFI-Electronic Port Fuel Injection
 MPFI-Mechanical Port Fuel injection
 SFI-Sequential Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 TC-Turbocharger
 SC-Supercharger
 IC-Intercooler or Aftercooler
 CCV-Combustion Chamber Valve
 OBD-On-Board Diagnostics

VEHICLE MODELS :

Camry
 SV25L-URPDKA
 -URPNKA

Engine: Front x Mid. Rear
 Drive: FWD RWD 4WD Full time x 4WD Part time

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 2Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel Manufacturer Toyota Motor Corporation Engine family KTY2.0V5FCC1Liter (CID) 2.0 (121.9) Eng. Type 4 cyl. in-lineEmission Control Sys. (Special Features) BGR + TWC + TWC + OS (EPFI + OBD)

Engine code	Vehicle Models (If Coded see attachment) (Dyno Hp: Refer to 08.13.02.00)	Trans. Type	Equiv. Test Weight	Ign. System ECU, EI, ESAC Part No. [Computer]	Fuel System EPFI, OS Part No. [Computer] [Air flow meter] [Injector]	EGR Valve Part No.	Catalyst Part No.
11 & 12	SV25L-UEPDKA -UEPNKA	A4	3,500	89661-32360	89661-32360 22250-74140 23250-74060	25620-74150	Manifold converter : 25508-74080 (S10) *1 Under floor : 18450-74220 (12) *1

Comments : See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

Note *1 : Parenthetical information represents identifying marks found on production parts.

17.11.00

E.O. # A-14-133-B

1989 MODEL-YEAR CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & FILL SPECIFICATION COMPLIANCE (1/2)

Mfr. Toyota Motor Corporation Engine Family KTY2.0V5FCC1
1.8 (.7NOx)

PC x LDT MDV Gas x Diesel LPG Cert. Type - CA x 49S 50S

CID 121.9 Liters 2.0 Rated HP 115 @ 5,200 RPM Rated Torque 124 @ 4,400 RPM

Type Cert - 50K x 100K Evaporative Family EV-E Eng. Type 4 cyl. in-line

Exhaust Control Sys. and (Special Features) BGR + TWC + TWC + OS (EPFI + OBD)

	<u>Section/Page</u>
1 Authorized Representative	<u>01.02.02</u>
2 Fuel, Test Equipment	
Procedures & Route	<u>03.00.00, 04.00.00, 05.00.00</u>
3 Warr. State & Parts List	<u>17.10.00, 19.03.00, 20.02.11</u>
4 Maint: Cert/Req'd/Recm'd	<u>06.00.00</u>
5 Tune-Up Lab./Vac. Hose Diag.	<u>07.00.00, 17.06.00</u>
6 Evap. Control System	<u>19.00.00</u>
7 Engine Parameters	<u>20.01.00</u>
8 Fuel/Ignition Systems	<u>08.01.01.01, 08.02.01.00, 02.03.00</u>
9 Exhaust Control System	<u>20.02.00</u>
10 Projected Sales	<u>17.13.00</u>
11 Vehicle Descript.	<u>20.02.08</u>
12 Test Veh. Information	
Dur.	<u>Emis.</u>
C/O MY or C/A BF	<u>88 MY</u> <u>N/A 89</u>
Zero Mile Books	<u>88-D5 *1</u> <u>89-SV4 *2</u>
Vehicle Logs	<u>88-D5 *1</u> <u>89-SV4 *2</u>
Maint. Logs & Engr. Eval.	<u>88-D5 *1</u> <u>89-SV4 *3</u>
13 Evap. Bench Test Procedure	<u>13.02.00</u>
14 Gen. Std., Increase in Em.,	
Safety, Mtg. All Req'ments.	<u>17.01.01</u>
15 Prod. Veh. Same as Test Veh.	<u>17.01.01</u>
16 Label Durability	<u>17.06.00</u>
17 Driveability	<u>17.01.02</u>
18 Fill Pipe Specs.	<u>17.04.02</u>
19 Altitude A/F Req'ment	<u>17.02.00</u>
20 Tamperproof Req'ment	<u>17.03.00</u>
21 CK for DF. Outlier, Line Xing	<u>Checked</u>
22 EPA Certificate	
23 Two yr./24K Warranty	<u>Applicable</u>
24 Alcohol Compatible	<u>See Owner's Manual</u>
25 Cert. Preview Program	<u>Already submitted</u>
26 OBD system	<u>17.05.00</u>
27 OBD Extension	<u>Not Applicable</u>

PROJECTED EMISSIONS(1)

Veh. ID	Code (Displ)	Trans	Axle Ratio	ETW	RLHP	MPG City/Hwy	Test Loc.	PROJECTED EMISSIONS(1)					
								NMHC	CO	NOx	Hwy NOx	Evap	Part
89-SV4 (00)	2	A4	4.40	3,500	9.4	24.9/32.0	MFR	0.22	2.1	0.09	0.012	-	-
89-RN11 (00)	*4 8 (2.4L)	A4	4.56	3,875	15.7	- / -	MFR	-	-	-	-	0.43	-
89-RN11 (01)	*5 8 (2.4L)	A4	4.56	3,875	15.7	- / -	MFR	-	-	-	-	0.40	-

(1) The emission data vehicle/s above comply with standards of _____ and includes deterioration factors of _____

<u>0.39</u>	<u>7.0</u>	<u>0.7</u>	<u>0.9</u>	<u>2.0</u>	<u>-</u>
<u>1.147</u>	<u>1.000</u>	<u>1.054</u>	<u>1.054</u>	<u>0.004</u>	<u>-</u>

- 88-D3, 85-D1,
- 88-D4, 88-D5,
- 86-D3, 88-D6,
- 88-D7, 84-DT6,
- 88-DT1, 87-DT1,

Evaporative DF is the average of Vehicle DF 89-DT3 & 88-DT3 and Bench DF 83-BV-30

(2) Trap Oxidizer :Yes ___ No X ; Continual ___ Periodic ___

Remarks *1 See 17.12.00 in 88 MY application

*2 See 20.03.04 and 20.03.05

*3 See 17.12.00

*4 Tested on regular unleaded gasoline

*5 Tested on premium unleaded gasoline

Application _____

Processed by _____ Date _____ Reviewed by _____ Date _____