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California Environmental Protection Agency AIR RESOURCES BOARD	TOYOTA MOTOR CORPORATION	EXECUTIVE ORDER A-014-0410-1 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	FUEL TYPE
2002	2TYXV01.5LJ1	Passenger Car	"LEV II" Super Ultra Low Emission Vehicle (LEV II SULEV)	Gasoline plus Battery-Assist

No.	EVAPORATIVE FAMILY (EVAP)	No.	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS (ECS) * = not applicable
1	2TYXR0030PK1	1	WUTWC, ADSTWC, HO2S(2), SFI, OBD (P)
2	*	2	*

TWC = 3-way catalytic converter WUTWC = warm-up TWC
ADSTWC = adsorber TWC HO2S = heated oxygen sensor
MFI = multiport fuel injection SFI = sequential MFI
OBD (F) / OBD (P) = on-board diagnostics; full / partial
Compliance (prefix) 2 = parallel (2) (suffix) = series

EVAP No.	ECS No.	ENGINE SIZE (L)	VEHICLE MAKES & MODELS	VEHICLES SUBJECT TO SFTP STANDARDS ARE UNDERLINED
1	1	1.5	Toyota: Prius	

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows. Any debit in the manufacturer's compliance plan for "NMOG Fleet Average" (passenger cars and light-duty trucks) or "Vehicle Equivalent Credit" (medium-duty vehicles) shall be equalized as required. The 50° Fahrenheit standards and CERT levels are listed below or compliance has been met based on the manufacturer's submitted compliance plan in lieu of actual testing.

CH4 = methane NMOG = non-CH4 organic gases NMHC = non-CH4 hydrocarbons CO = carbon monoxide
NOx = oxides of nitrogen HCHO = formaldehyde PM = particulate matter RAF = reactivity adjustment factor

NMOG FLEET AVERAGE [g/mi]		NMOG [g/mi] @ RAF = 1.00 CH4 RAF = *		CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]	
CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
0.061	0.068												
K = 1000 miles	@ 50K	*	*	*	*	*	*	*	*	*	*	*	*
	@ 120K	0.003	0.010	0.4	1.0	0.01	0.02	0.02	4	*	*	0.01	0.03
	@ 50°F, 4K	0.011	0.020	0.4	1.0	0.001	0.02	0.1	8	*	*	*	*

CO [g/mi] @ 20°F, 50K		g = gram mg = milligram mi = mile	NMHC+NOx [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
CERT	STD		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
1.8	10.0	@ 4K	*	*	0.01	0.14	0.1	8.0	0.02	0.20	0.5	2.7
F = degree Fahrenheit		@ 120K	*	*	*	*	*	*	*	*	*	*

@ 120K	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3				EVAPORATIVE FAMILY 4			
	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR
CERT	0.5	0.4	0.01	0.01	*	*	*	*	*	*	*	*	*	*	*	*
STD	2.0	2.5	0.05	0.20	*	*	*	*	*	*	*	*	*	*	*	*

2-D, 3-D [g/test] = 2-day, 3-day diurnal and hot-soak RL [g/mi] = running loss ORVR [g/gallon of fuel dispensed] = on-board refueling vapor recovery

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 (labeling), 2035 et seq. (emission control warranty), 2235 (fuel tank fill pipes and openings), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles).

BE IT FURTHER RESOLVED: That the listed vehicle models are conditionally certified pursuant to 13 CCR Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements—1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines") because the on-board diagnostic II system of the listed vehicle models has been determined to have three deficiencies. The listed vehicle models are approved subject to Toyota Motor Corporation paying a fine of twenty-five dollars ($25.00) per vehicle for the third deficiency in the listed test group that is produced and delivered for sale in California.

On a quarterly basis, the vehicle manufacturer shall submit to the Air Resources Board reports of the number of vehicles produced and delivered for sale in California under this conditional certification, and pay the full fine owed for that quarter pursuant to this conditional certification; payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty days after the end of each calendar quarter during the 2002 model year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all vehicles covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to $5,000 per vehicle pursuant to Health and Safety Code Section 43154.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.
The Bureau of Automotive Repair will be notified by copy of this Executive Order.
This Executive Order hereby supersedes and replaces Executive Order A-014-0410 dated August 13, 2001.

Executed at El Monte, California on this 29TH day of October 2001. FOR

R. B. Summerfield, Chief
Mobile Source Operations Division