

LA

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14
Relating to Approval of New Motor Vehicles

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That Toyota Motor Company, Ltd. exhaust emission control systems for 1973-model light-duty motor vehicles are approved for the engine families described below:

<u>Engine Family</u>	<u>Engine Size (cubic inches)</u>	<u>Exhaust Emission Control Systems</u>	<u>Vehicle Models</u>
3 K-C	71.2	EM	Corolla I
2 T-C	96.9	EM	Corolla II Carina
18 R-C	120	EM	Celica, Corona ½ ton pick-up (Hilux)
		EGR	Corona ½ ton pick-up
4 M	156.9	AI	Corona Mark II Crown

Section 39152, Part I, Division 26 of the Health and Safety Code, requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbons gms/mi</u>	<u>Carbon Monoxide gms/mi</u>	<u>Nitrogen Oxides gms/mi</u>
3 K-C	2.0	21	1.5
2 T-C	2.5	28	1.8
18 R-C	2.2	28	2.0
4 M	2.8	23	2.5

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These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires you to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, you are required to inform the ARB of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 21st day of August, 1972.

Original signed by
John A. Maga
JOHN A. MAGA
Executive Officer

AIR RESOURCE BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

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MANUFACTURER: TOYOTA

Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Other	
Corolla - 1 Sedan Coupe	71.2 71.2	2 2	4M 4M	Hippondenso 19100 - 24012	C+V	ALISAN 21100 - 24015	EM EM		CC CC	TCS S.C.S V.G.P.V
Corolla - 2 Sedan Coupe Station Wag. <i>Corolla</i> Corona Sedan	96.9 96.9 96.9 96.9	2 2 2 2	2A,3A,4M (2A,3A (4M,5M (2A,3A (4M, 3A,3A' 4M,5M	Hippondenso 19100 26030 for Manual 19100-26050 for Automatic	C+V	ALISAN 21100 - 26022	EM		CC	SCS TP TCS VSV MCV
Celica Hardtop Corona Sedan Hardtop Station Wag. $\frac{1}{2}$ Ton Pickup	120	2	4M 3A,3A' 3A,3A' 4M 3A,3A' 4M 3A,3A' 4M 3A,4M	Hippondenso 19100 - 34043 for Manual 19100 - 34052 for Automatic	C+V	ALISAN 21100- 34114 21100 - 34085	EM		CC	SCS TP TCS VSV

SCS - Speed Control Spark Advance
TP - Throttle Positioner
TCS - Transmission Controlled Spark
VSV - Vacuum Switching Valve
MCV - Mixture Control Valve

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

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SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

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Toyota

MANUFACTURER:

Vehicle Model	Engine C.I.D.	Carburetor Ho. of Venturi	Trans- mission	Engine Family	Inertia Weight	Turn-up Specifications		
						I.D.C. RPM	Basic Timing	I.D.C. CO or AFR
Corolla - 1 Sedan Coupe	71.2 71.2	2 2	4M 4M	3KC 3KC	2,000 2,000	650 Trans. in neutral	5° BTDC	1-4%
Corolla - 2 Sedan Coupe	95.9	2	2A, 3A, 4M 2A, 3A 4M, 5M	2TC	2,250	M-750 Trans. in neutral	5° BTDC	1-4%
Sta. Wagon			2A, 3A 4M					
Corina Sedan			3A, 3A' 4M, 5M		2,500	A-650 Trans. in "D"		
Celica Hybrid	120	2	4M 3A, 3A'	18RC	2,500(M) 2,750(A)	M-650 Trans. in neutral	7° BTDC	1-4%
Corona Sedan Hard Top Sta. Wagon			4M, 3A 3A'		2500(4M) 2750 2750 2750			
1/2 Ton Pickup			3A, 4M		2750	A-650 Trans. in "D"		

See other side for additional information.

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TOYOTA

MANUFACTURER:

Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	HOx	Evap.	Other
Corona Sedan Hard Top Sta. Wagon 1/2 Ton Pickup	120	2	4M 3A,3A'	Nippondenso 19100- 34100	C+V	ALSAN 21100- 34180	EM	EGR	CC	TS VSV SCS TP
Corona MK II Sedan Hard Top Sta. Wagon Crown Sedan Hard Top Sta. Wagon	156.4	2	4M,3A	Nippondenso 19100- 45050	C+V	ALSAN 21100- 45050	EMBAIR		CC	SCS TP TS VSV

SCS - Speed Control Spark Advance
 TP - Throttle Positioner
 TS - Thermo Sensor
 VSV - Vacuum Switching Valve

* C - Centrifugal
 V - Vacuum
 VR - Vacuum retard

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TOYOTA

MANUFACTURER:

Vehicle Model	Engine C.I.D.	No. of Venturi	Carburetor	Transmission	Engine Family	Inertia Weight	Tune-up Specifications	
							Idle RPM	Basic Timing
Corona Sedan Hard Top	120	2		4M, 3A 3A' 4M	18 RC	2,500	M-650 Trans. in neutral	1-4%
Sta. Wagon				3A, 3A' 4M 3A, 3A'		2,750	A-650 Trans. in "D"	
1/2 Ton Pickup				4M, 3A		2,750		
Corona Ex II Sedan Hard Top	156.4	2		4M 3A	4M	3,000	M-700 Trans. in neutral A-650 Trans. in "D"	1-3%
Sta. Wagon								
Crown Sedan Hard Top	156.4	2		4M 3A	4M	3,500		
Sta. Wagon								

See other side for additional information.