

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-5  
Relating to Approval of New Motor Vehicles

TOYOTA MOTOR COMPANY, LTD.

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 and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That Toyota Motor Company, Ltd. exhaust emission control systems for 1975 model-year passenger cars are approved for the engine families described below:

Engine Family: 2T-C  
Engine: 96.9 CID

Exhaust Emission Control Systems: Engine modification, air injection, oxidation catalyst

Models: Transmissions: Automatic (A-3), Manual (M4, M5)  
Corolla Sedan, Hardtop and Station Wagon

Engine Family: 20R  
Engine: 133.6 CID

Exhaust Emission Control Systems: Engine modification, air injection, exhaust gas recirculation, oxidation catalyst

Models: Transmissions: Automatic (A-3), Manual (M4, M5)  
Corona Sedan, Hardtop, Station Wagon, Celica Hardtop

Engine Family: 4M  
Engine: 156.4 CID

Exhaust Emission Control Systems: Engine modification, air injection, exhaust gas recirculation, oxidation catalyst

Models: Transmissions: Automatic (A-3), Manual (M-4)  
Corona Mark II Sedan, Hardtop and Station Wagon

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
2T-C	0.5	4.6	1.7
20R	0.4	3.8	1.3
4M	0.5	6.1	1.6


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

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

Executed at El Monte, California, this 4<sup>th</sup> day of October, 1974.

G. C. Hass, Chief  
Division of Vehicle Emissions Control

By:

  
J. C. Chipman, Chief  
Vehicle Testing and Operations

AIR RESOLUTION BOARD  
 SUPPLEMENTAL INFORMATION:  
 1975 MODEL YEAR

PASSENGER CARS       LIGHT-DUTY TRUCKS

MANUFACTURER: TOYOTA MOTOR CO., LTD. EXECUTIVE ORDER NO. A-14-5 PAGE NO. 1 of

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight lbs.	Distributor		Fuel System		Emission Control System			Idle RPM (in Neutral)	Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Mfgr. Part No.	Type	Mfgr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR			
2T-C	Corolla	96.9	M-4 M-5 A-3	2,500	C	Mfgr. NIPPON Part No. DENSO	1-2V	Mfgr. AISAN Part No. 21100 -26370	EM AI OC CAN	Service No. 17400 Service -26010	None	850 RPM (in Neutral)	*1	*2

Note \*1 : Basic Timing  
 10° BTDC @ 850 RPM in Neutral

\*2 : Idle Mixture  
 930 - 850 RPM lean drop idle

PASSENGER CARS       LIGHT-DUTY TRUCKS 51-75-2T-C-CAL-7 (Rev. 3/24/75)

MANUFACTURER: TOYOTA MOTOR CO., LTD. EXECUTIVE ORDER NO. A-14-5 PAGE NO. 1-1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight lbs.	Distributor		Fuel System		Emission Control System			Tune-up Specification	Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR			
2T-C	Corolla	96.9	M-4 M-5 A-3	2,500	C	Mfgr. NIPPON Part No. DENSO	1-2V	Mfgr. AISAN Part No. 21100 -26370 -26390 21100 <sup>a</sup> -26371 <sup>a</sup> 21100 <sup>b</sup> -26371 <sup>a</sup> *26399 <sup>c</sup> *21100 <sup>b</sup> 26371-c	EM AI OC CAN	Service No. 17400 Service -26010	None	850 RPM (in Neutral)	*1	*2

Note \*1 : Basic Timing  
 10° BTDC @ 850 RPM in Neutral

\*2 : Idle Mixture  
 930 - 850 RPM lean drop idle

a Manual Transmissions Only

b Automatic Transmissions Only

a/ Engine Configuration Code CAL-MA  
 b/ " " CAL-A  
 c/ " " CAL-M

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 PASSENGER CARS  
 LIGHT-DUTY TRUCKS

Corrected August 13, 1975  
 R/C#71-75-20R-CAL-15 (July 10, 1975)  
 R/C#33-75-20R-CAL-8 (June 25, 1975)  
 \*78-LDV-2, May 12, 1978

MANUFACTURER: TOYOTA MOTOR CO., LTD EXECUTIVE ORDER NO. A-14-5 PAGE NO. 2a of 3

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Mfgr. Part No.	Type	Mfgr. Part No.	Type	OC <input checked="" type="checkbox"/>	TR <input type="checkbox"/>	Service*	Idle RPM	Basic Timing	Idle Mixture
a/ 20R	Corona Celica	133.6	M-4 M-5	*1	C V	Mfgr. NIPPON DENSO	1-2V	Mfgr. AISAN	EM AI EGR OC CAN	*2	Service I-25,000	850 RPM (in Neutral)	*3	*4
						Part No. 19100-38010	Part No. 38410	Part No. 25620 or -38020						
						19100-38012	21100-38080	25620-38020						
b/ 20R			A-3			19100-38010		*21100-38410						
						or 19100-38012								
c/ 20R			M-4 M-5			19100-38010		21100-38080						

Note \*1 : Inertia Weight  
 2,750 lbs. - Corona 2dr and 4dr Sedan, Celica Hard Top  
 3,000 lbs. - Corona Hard Top and Station Wagon

\*2 : Emission Control System (oxidation catalyst)  
 Service No Service  
 Part No. 17400 - 38010 : Corona  
 17400 - 38020 : Celica

\*3 : Basic Timing  
 8° BTDC @ 850 RPM in Neutral  
 \*4 : Idle Mixture  
 900 - 850 RPM lean drop idle

AIR RESOL JS BOARD  
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1975 MODEL YEAR  
 PASSENGER CARS  
 LIGHT-DUTY TRUCKS

MANUFACTURER: TOYOTA MOTOR CO., LTD. EXECUTIVE ORDER NO. A-14-5 PAGE NO. 3 of 6

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight lbs.	Distributor		Fuel System		Emission Control System			Tune-up Specifications	Basic Timing	Idle Mixture	
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	EGR				Part No. Service*
4M	Corona Mark II	156.4	M-4 A-3	3,000	C V VR	Mfgr. NIPPON DENSO Part No. 19100-45061	1-2V	Mfgr. AISAN Part No. 21100-45100	EM AI EGR OC CAN	Service NO service Part No. 17400-45010	Service I-25,000 Part No. 25620-45021	25620-45011	#1	*2	*3

Note \*1 : Idle RPM 800 rpm in neutral (manual transmission)  
750 rpm " (automatic transmission)

\*2 : Basic Timing 5° BTDC @ idle RPM in Neutral

\*3 : Idle Mixture:  
M-4 : 870 - 800 RPM lean drop idle  
A-3 : 820 - 750 RPM lean drop idle

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION

PASSENGER CARS

LIGHT-DUTY TRUCKS

MANUFACTURER: Toyota Motor Co. Ltd.

(26-75-2T-C-CAL-3) Revised October 21, 1974  
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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans. M-4 M-5 A-3	Inertia lbs.	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR	Idle RPM	Basic Timing	Idle Mixture
2T-C	Corolla	96.9	M-4 M-5 A-3	2,500	C V	Mfgr. NIPPON DENSO Part No. 19100 -----26121	1-2V	Mfgr. AISAN Part No. 21100 -----26370	EM AI OC CAN	Service No. 17400 -----26010	None	850 RPM (in Neutral)	*1	*2

\*1 : Basic Timing  
10° BTDC @ 850 RPM in Neutral

\*2 : Idle Mixture  
930 - 850 RPM lean drop idle

AIR RESOURCES BOARD  
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 1975 MODEL YEAR

PASSENGER CARS       LIGHT-DUTY TRUCKS

MANUFACTURER: TOYOTA MOTOR CO., LTD.

EXECUTIVE ORDER NO. A-14-5  
 (32-75-4M-Ca1-2)

Revised 12-3-74  
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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans. A-3	Inertia lbs.	Distributor		Fuel System		Emission Control System			Tune-up Specifications			
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Service No	Service No.	Idle RPM	Basic Timing	Idle Mixture	
4M	Corona Mark II	156.4	A-3	3,000	C	NIPPON DENSO	1-2V	AISAN	EM AI EGR OC	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Service No. 17400 service -45010	Service No. 1-25,000 25620 -45021	#1	*2	*3
					V	19100		21100			Part No. 25620				
					VR	-45062		-45100			Part No. 25620				
											Part No. -45011				

Note \*1 : Idle RPM 800 rpm in neutral (manual transmission)  
 750 rpm " (automatic transmission)

\*2 : Basic Timing 5° BTDC @ idle RPM in Neutral

\*3 : Idle Mixture:  
 M-4 : 870 - 800 RPM lean drop idle  
 A-3 " 820 - 750 RPM lean drop idle