

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-39  
Relating to Approval of New Motor Vehicles

FWD CORPORATION

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 FWD Corporation exhaust emission control systems for 1973-model year heavy-duty diesel and gasoline motor vehicles are approved for the vehicle models described below:

<u>Vehicle Model</u>	<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Models</u>	<u>Engine Approval Executive Order No.</u>
<u>Gasoline Powered</u>				
"CB", "CC" or "DF".	Ford Motor Company	401/477/534	6.6/7.8/8.8 401/477/534	A-10
	International Harvester Co.	LV-8	V/V5-549 9.0 FTV/FTVS-549 9.0	A-4-1
	Chrysler Corporation	RB	413-1 6.8 413-2 6.8	A-9
<u>Diesel Powered</u>				
"CA" and "CO".	Cummins Engine Co.	092	NTC-270 14.0	A-21
		092	NTC-290 14.0	
		093	NTC-350 14.0	
		093	NTA-370 14.0	
		181	Super 250 15.2	
		171	V-903 14.8	
		172	VT-903 14.8	
	Detroit Diesel-Allison Division General Motors	71N	6-71 8V-71 12V-71	A-6-3
		71T	8V-71T	

<u>Vehicle Model</u>	<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Models</u>	<u>Engine Approval Executive Order No.</u>
<u>Diesel Powered</u>				
"CB" and "CC".	Cummins Engine Co.	091	NH-230 14.0	A-21
		092	NTC-290 14.0	
		093	NTC-350 14.0	
		181	Super 250 15.2	
	Detroit Diesel-Allison Division General Motors	53N	6V-53	A-6-3
		71N	6V-71	
		71N	6-71	
		71N	8V-71	
		71N	12V-71	
	"PA", "PB", "PT" and "SR".	Cummins Engine Co.	221	V-555 9.1
092			NTF-295 14.0	
092			NTF-365 14.0	
Detroit Diesel-Allison Division General Motors		71N	6-71	A-6-3
		71N	8V-71	

Section 39152, Part I, Division 26 of the California 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 the recommended values to be listed on the decal:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Hydrocarbons plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
Ford Motor Co.	401/477/534	14	28
International Harvester Co.	LV-8	13.7	37
Chrysler Corporation	RB	14	15
Cummins Engine Co.	091	8.5	4.1
	092	10.8	2.5
	093	10.3	2.8
	171	8.3	4.7
	172	11.4	1.3
	181	8.4	4.5
	221	9.5	5.1

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Hydrocarbons plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
Detroit Diesel-	53N	13.4	9.8
Allison Division	71N	12.3	7.2
General Motors			

These values are effective until the termination of 1973-model year production.

The Department of Motor Vehicies, 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.

Executed at Sacramento, California, this 8<sup>th</sup> day of January, 1973.

JOHN A. MAGA  
Executive Officer