(Page 1 of 2)

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-256 Relating to Certification of New Motor Vehicles

GENERAL MOTORS 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 1983 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks.

Engine Family		lacement ches (Liters)	Exhaust Emission Control Systems (Special Features)
D1G2.8T2TRA1	173	(2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Inertia	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Weight	Grams per Mile	Grams per Mile	Grams per Mile
0-399 9	0.39	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-399 9	0.22	6.4	0.9

GENERAL MOTORS CORPORATION

BE IT FURTHER RESOLVED: That the listed vehicle models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 6 day of August, 1982. IMAR

K. D. Drachand, Chief Mobile Source Control Division

ISSUED: 15JL8Z REVISIONS: 0264U/	E37=Utility Body nv = E62=Stepside/Fenderside Pickup A/C = E63=Fleetside/Wideside Pickup CID = ZW9=Chassis Cab EGR = AIP =	BODY CODES	16=Blazer/Jimmy 53=Extended Cab	van/	03=Conventional Cab 11=66 05=Chevy Van/Vandura 13=78	or Body Style	08=48 09=54	07=42		1=10/3425-7000/1000-1625	Digit 3=Series/GVWR/Payload Digits		G=F			Digit 1=Division Digit	Example: CC10/03	R	1983 AIR RESOURCES BOAR Manufacturer: General Exhaust Family <u>D1G2.8</u> Note: Chevrolet models not listed. For	
IONS:	n Venturi Carburetor Air Conditioning Cubic Inches Displacement Exhaust Gas Recirculation Air Injection Pump					58		to 47			4&5	(Body-Frame Integral)		(Four Wheel Drive)	nventional 4	2=Chassis Type		- See Note	CES BOARD SUPPLEMENTAL DATA SHEET - GM FORM General Motors Corporation Executive Ordep <u>D1G2.8T2TRA1</u> Evaporative Families t models listed; GMC Truck Div. has complete ed. For GMC models, read T instead of C as	_
	TWC = Three-way catalyst CL = Closed loop	ABBREVIATIONS		3D6-8 2500 cc DV	6-8 1500 cc	am. Canister	Index to Tu	173 W 16023221	173 MU 16023221	20 173 W0 16023221 17083356	173 W 16023221	13 173 W0 16023231 17083359 13 173 W0 16023221 17083356	173 WO 16023231	173 W	9 th Part # Pa	Module	Eng. CID A/C Electronic Fuel Sy Code Control 2V	DATA	GM FORMAT - GASOLINE FUELED ive Order Number A-6-256 Families <u>386-8, 3D6-8</u> complete line of matching mc of C as digit one of model c	
				DMJ, DMM, DMR	DMH, DMK, DMN	Label C	lahels	17083732	356 17083732 A-A	17082734	17082733	17082734 17082733	17082734	359 17082732 M-4.5	Part #	Valve	System EGR Trans. Type		D TRUCKS Page 1 models, code.	

	A	AIR RESOURCES	ES BOARD	1983	SUPPLEMENTAL	NTAL D	DATA SHEET	r – GM Format)RMAT -	GASOLINE-FUELED		TRUCKS		
	Mar	Manufacturer <u>General Motors</u>	Gener	al Motor	s Corporation	ation	Executive	'e Order N	•	A-6-256	Page	2	1	
	(X)	(X) Light Duty Trucks	ty Tru		() Medium Duty Vehicles	Outy Ve	hicles	Engine Family	amily _	D16	D1G2.8T2TRA1		ł	
	Eng	Engine (CID)		173	Exhaust		ion Cont	Emission Control System	em	AIP,	,EGR,TWC,CL		1	
See Page Mode1	e 1 for: Body	Equiv. Test	Eng.		(1) Tune-Up	Eng.		(1) Tune-Up	Eng.		(1) Tune-Up	Eng.		(1) Tune-Up
Cour									0000			0000		
CS10603	E63	3125	1 13	M-4	DMH DMK	1 14	M-5	DMH DMK						
CS10603	E63	3250	2	M-4	DMH	2	M-5	DMH						
CS10653	E63	3375	1 13	M-4	DMH DMK	1 14	M-5	DMH DMK	2	M-4	DMH	2	M-5	DMH
CS10803	E63	3250	1 13	M-4 A-4	DMH DMK	1	M-5	DMH	~>	M-4	DMH	2	M-5	DMH
CS10803	E63	3375	14	A-4	DMK									
CT10603	E63	3500	11 19	M-4	DMH	11 20	M-5 A-4	DMH DMK					-	
СТ10653	E63	3625	11 19	M-4	DMH DMK	11	M - 5	DMH	12	M-4	DMH	12	M-5	DMH
Comments:	See pa manufa	See page one for manufacturer's HP	evapc P list	evaporative e P list for cor	ve emission family correct dyno test		identifi HP setti	identification and HP settings based (nd engine d on model	ne code del, equ	code descriptions. Please re , equipment and frontal area.	ions. nd fron	Please r ital area	refer to ea.
(1) For	1500 cc	canister o	only, s	see Page	1 for lat	labels us	used with	2500 cc	canister.	r.				
I SSUED:	15 JL 82	REVI SED:	Revised for mode 12, 19; CS10653- RC 31-10 RC 31-11		ETW from 3125 to 3250 e1 CT10603+E63, EC 11; by letter ML-3P735 (1 +E63, EC 13, 14; revis 58 (01-26-83). Revise 57 (03-11-83).		3250 for mode C 11; revised 35 (12-21-82). revised ETW fr evised ETW fro	o 3250 for model CS10603+E63, F EC 11; revised ETW from 3500 to 735 (12-21-82). Revised ETW fr revised ETW from 3250 to 3375 to Revised ETW from 3250 to 3375 to	0603+E63, rom 3500 ised ETW 50 to 337 0 to 3375	03+E63, EC 2; rev m 3500 to 3625 fo ed ETW from 3250 to 3375 for mode to 3375 for model	EC 2; revised ETW from 337 o 3625 for model CT10653+E0 rom 3250 to 3375 for model for model CS10803+E63, EC for model CS10653+E63, EC	ETW fr del CT1 375 for 10803+E 0653+E6	rom 3375 .0653+E63 .63, EC 1 53, EC 1,	, EC 2; revised ETW from 3375 to 3500 to 3625 for model CT10653+E63, EC 11, from 3250 to 3375 for model 75 for model CS10803+E63, EC 14, by 5 for model CS10653+E63, EC 1, 2, by
026411/4711														

0264U/47U

~	A	AIR RESOURCES		BOARD 1983	SUPPLEMENTAL		DAT ;HEET	ч GM	FORMAT -		GASOLINE-FUELED	TRUCKS		
	Man	Manufacturer	General	al Motors	rs Corporation	•	Executive	re Order N	•.	A-6-256	Page	ω	I .	·
	(X)	Light Duty		Trucks ()) Medium Duty Vehicles	uty Ve		Engine Fa	amily_	D1G	D1G2.8T2TRA1		I	
	Eng	Engine (CID)		173	_ Exhaust	: Emission		Control System	¥	AIP,	AIP,EGR,TWC,CL	i	I	
See Page	e 1 for:	7						111			111			11
Mode1 Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label
СТ10803	E63	3500	11	M-4	DMH	11	M -5	DMH						
CT 10803	E63	3625	12	M-4	DMH	12	M- 5	DMH	19	A-4	DMK			
CS10516		3500	11 19	M-4	DMH DMK	11 20	M-5 A-4	DMH DMK	12	M-4	DMH	12	M-5	DMH
CT 10603	E63	3500	12	M-4	DMH	12	M- 5	DMH						
CT 10653	E63	3750	20	A-4	DMK									
CT10803	E63	3625	20	A-4	DMK									
CS10516		3750	11	M-4	DMH	11	M-5	DMH	12	M- 4	DMH	12	M- 5	DMH
CT 10516		3750	11	M-4	DMH	11	M-5	DMH						
CT10516		3875	12	M-4	DMH	12	M-5	DMH						
CT 10516		3875	19	A-4	DMK	20	A-4	DMK						
CS10803	ZM3	3875	25	A-4	DMN	26	A-4	DMN						
Comments:	See page manufactu	one fo yrer's	or evapo HP list	evaporative o P list for co	e emission fa correct dyno	umily test	identificat HP settings	cation ngs bas	-ā	ne code odel, equ	engine code descriptions. Please re on model, equipment and frontal area.	ions. 1d fron	Please refer tal area.	refer to 1.
(1) For	1500 cc o	canister (only, :	see Page	1 for	labels us	used with	2500 cc	canister.	er.				
ISSUED:	15 JL 82	-	REVISED:	D: Revised	sed ETW	from 3750 from 3500		0 3875 for model 0 3625 for model 0 10653+F63_ FC 2	del CTJ del CTJ	CT10516, EC 1 CT10803+E63, 20 by letter		25 (12-1	.9, by RC 31-166 (12-20-82). EC 12, 19; revised ETW from MI _3P735 (12-21-82).	20-82). W from
026111/1711	_			Revised	sed ETW		50 to 3875	75 for mod	del CTI	lel CT10516, EC		RC 31-1	02-0) 69)2-83).

0264U/47U