

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-480
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 1990 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks and medium-duty vehicles:

Engine Family: L364.3T5TAA2 Displacement: 4.3 Liters (262 Inches³)

Equipped With the Following Exhaust Emission Control Systems:

- Secondary Air Injection (some models)
- Exhaust Gas Recirculation
- Oxygen Sensor
- Three-way Catalyst
- Throttle Body Electronic Fuel Injection
- On-Board Diagnostics (Exempted)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
3751-5750	0.50	9.0	1.0

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

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
3751-5750	0.34	5.6	0.8

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 Code of Regulations, 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 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label-Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

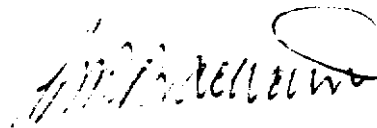
BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions of California Health and Safety Code Section 43205.

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 25 day of February, 1989.


K. D. Drachand, Chief
Mobile Source Division

(FOR CARB USE ONLY)

SUPPLEMENTAL DATA AND CERTIFICATION REVIEW SHEETS

<u>Section and Page No.</u>	<u>Rev. No. or Date</u>	<u>Item</u>
17-L3G4.3T5TAA2-Index 1A	001	Table of Contents
17-L3G4.3T5TAA2-1A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-2A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-3A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-4A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-5A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-6A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-7A	001	Supplemental Data Sheet
17-L3G4.3T5TAA2-8A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-9A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-10A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-11A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-12A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-13A	12-14-88	Supplemental Data Sheet
17-L3G4.3T5TAA2-14A	12-14-88	Certification Review Sheet

NOTES:

- (1) Please refer to manufacturer's HP lists (Attachment I) for correct dyno test HP settings based on model and equipment.
- (2) If two test weights are listed, the lower weight will be used for testing.
- (3) Letter derivative codes are the same as corresponding numeric codes except as indicated.

ISSUED: 12-14-88

REV. NO.: 001

17-L3G4.3T5TAA2-Index 1A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
LIGHT DUTY TRUCKS AND MEDIUM DUTY VEHICLES

VEHICLE MODELS:

C C 1 0 7 0 3 + E 6 3 (EXAMPLE)

Digit 1
Selling Division*

C-Chevrolet
T-GMC Truck

Digit 2
Chassis Type

C, M, R, S-Conventional
4x2
G-Forward Control 4x2
(Body Frame Integral)
K, T, V-Conventional 4x4
L-Conventional 4x4
(Full Time)

Digit 3
Series/GVWR Range

1-3500 to 7300 lbs
2-6400 to 8600 lbs
3-7100 to 14500 lbs

Digits 4 & 5
CA Dimension/Model Type

05-Blazer, Jimmy
06-S10/15
07-42"/Pickup, Chassis-Cab
09-56"/Suburban, Chassis-
Cab, Pickup, Astro, Safari
10-60" Chevy Van/Vandura,
Sportvan/Rally, Chassis-Cab
13-Chevy Van/Vandura,
Sportvan/Rally -

Digits 6 & 7
Cab or Body Style

03-Conventional Cab
(S-T, C-K Models)
05-Chevy Van/Vandura &
Astro/Safari (Cargo)
06-Suburban/Sportvan/
Rally & Astro/Safari
(Passenger)
16-Blazer/Jimmy
53-Extended Cab
(S-T, C-K Models)

Digits 8, 9 & 10
Body Ordering Code

E62-Stepside/Fenderside
Pickup
E63-Fleetside/Wideside
Pickup
ZW9-Base Body

* Digit 1 is not shown on subsequent pages. All vehicle models listed are sold by Chevrolet (C) and GMC Truck (T).

ISSUED: 12-14-88

REV. NO.:

17-L3G4.3T5TAA2-1A
(1990)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
51	C10703+E62 C10703+E63 C10903+E63 C10753+E63	A4	4000 4250 4500	16083541/ AKSM	17087026	25104275: MS 9480
51A				16144671/ ATKU		
52	C10703+E62 C10703+E63 C10903+E63 C10703+E63		4000 4250 4500	16083541/ AKSM		
52A				16144671/ ATKU		
55	G11005 G11305		4250	16083061/ AKMJ		25104273: MS 9480
55A				16144701/ ATKY		
55B				16151251/ AUMJ		
56	G11005 G11305		4500	16083061/ AKMJ		
56A				16144701/ ATKY		
56B				16151251/ AUMJ		

ISSUED: 12-14-88

REV. NO.: 002, 003, 004, 006

17-L3G4.3T5TAA2-2A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G4.3T5TAA2
PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___
ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B
EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)
ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___
CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

<u>ENG CODE</u>	<u>VEH MODELS (SEE PAGE 1A)</u>	<u>TRANS TYPE:</u> <u>A-AUTO</u> <u>M-MAN</u>	<u>EQUIV TEST WEIGHT</u>	<u>IGN SYSTEM (ECU/PROM) PART NO.</u>	<u>EGR SYSTEM PART NO.</u>	<u>CATALYST PART NO.</u>
59	C10903+E63 C10753+E63	M4	4250 4500	16083531/ AKSL	17087025	25104275: MS 9480
59A				16144661/ ATKT		
60	C10903+E63 C10753+E63			16083531/ AKSL		
60A				16144661/ ATKT		

ISSUED: 004

REV. NO.: 007

17-TAA2

17-L3G4.3T5TAA2-2.1A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
65	G11005 G11305	M4	4250	16083571/ AKSR	17087026	25104273: MS 9480
66	G11005 G11305					
67	C10703+E62 C10703+E63 C10903+E63 C10753+E63	M5	4000 4250	16083551/ AKSN	17087025	25104275: MS 9480
67A				16144681/ ATKW		
68	C10703+E62 C10703+E63 C10903+E63 C10753+E63		4000 4250 4500	16083551/ AKSN		
68A				16144681/ ATKW		

ISSUED: 12-14-88

REV. NO.: 004, 007

17-L3G4.3T5TAA2-3A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
53	K10703+E62 K10703+E63 K10903+E63	A4	4500 4750	16083541/ AKSM	17087192	25104275: MS 9480
53A				16144671/ ATKU		
54	K10703+E62 K10703+E63 K10903+E63		4500 4750	16083541/ AKSM		
54A				16144671/ ATKU		
61	K10703+E62 K10703+E63 K10903+E63	M4	4500 4750	16083531/ AKSL	17087026	
61A				16144661/ ATKT		
62	K10703+E62 K10703+E63 K10903+E63		4500 4750	16083531/ AKSL		
62A				16144661/ ATKT		

ISSUED: 12-14-88

REV. NO.: 002, 004, 007

17-L3G4.3T5TAA2-4A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
69	K10703+E62	M5		4500	16083551/ AKSN	17087025	25104275: MS 9480
	K10703+E63			4750			
	K10903+E63						
69A					16144681/ ATKW		
70	K10703+E62			4500	16083551/ AKSN		
	K10703+E63			4750			
	K10903+E63						
70A					16144681/ ATKW		

ISSUED: 004

REV. NO.: 007

17-L3G4.3T5TAA2-4.1A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G4.3T5TAA2
 PASSENGER CARS___ LIGHT DUTY TRUCKS X MEDIUM DUTY VEHICLES___ GAS X DIESEL___
 ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B
 EMISSION CONTROL SYSTEM: EGR, TWC, O2S (OBD)(TBI)
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
 .50 9.0 1.0 2.0

<u>ENG CODE</u>	<u>VEH MODELS (SEE PAGE 1A)</u>	<u>TRANS TYPE: A-AUTO M-MAN</u>	<u>EQUIV TEST WEIGHT</u>	<u>IGN SYSTEM (ECU/PROM) PART NO.</u>	<u>EGR SYSTEM PART NO.</u>	<u>CATALYST PART NO.</u>
57	M10905 M11005 M10906 M11006	A4	3875 4000 4500	16083061/ AKMJ	17087026	25104273; MS 9480
57A				16144701/ ATKY		
57B				16151251/ AUMJ		
58	M10905 M11005 M10906 M11006		4000 4500	16083061/ AKMJ		
58A				16144701/ ATKY		
58B				16151251/ AUMJ		

ISSUED: 12-14-88

REV. NO.: 003, 006, 007

17-TAA2

17-L3G4.3T5TAA2-5A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G4.3T5TAA2
PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___
ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B
EMISSION CONTROL SYSTEM: EGR, TWC, O2S (OBD)(TBI)
ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT_X 4WD-PT___
CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

<u>ENG CODE</u>	<u>VEH MODELS (SEE PAGE 1A)</u>	<u>TRANS TYPE:</u> A-AUTO M-MAN	<u>EQUIV TEST WEIGHT</u>	<u>IGN SYSTEM (ECU/PROM) PART NO.</u>	<u>EGR SYSTEM PART NO.</u>	<u>CATALYST PART NO.</u>
57	L10905 L11005 L10906 L11006	A4	4250 4750	16083061/ AKMJ	17087026	25104273: MS 9480
57A				16144701/ ATKY		
58	L10905 L11005 L10906 L11006		4250 4750 5000	16083061/ AKMJ		
58A				16144701/ ATKY		

ISSUED: 12-14-88

REV. NO.: 003, 007

17-L3G4.3T5TAA2-6A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G4.3T5TAA2
 PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ GAS_X DIESEL___
 ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B
 EMISSION CONTROL SYSTEM: EGR, TWC, O2S (OBD)(TBI)
 ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
 .50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
75	M10905 M10906 M11005 M11006	A4	3875 4500 4000 4500	16129171/ ANXP	17087026	25127428: MS 9480
75B				16143931/ ATFS		
76	M10905 M10906 M11005 M11006		3875 4500 4000 4500	161290171/ ANXP		
76B				16143931/ ATFS		

ISSUED: 12-14-88

REV. NO.: 001, 005, 007

17-L3G4.3T5TAA2-7A
(1990)

17-TAA2

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: NMHC .50 CO 9.0 NOx 1.0 Evap 2.0 DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
51	C10903+E63 C10753+E63 C10953+E63	A4	4250 4500	16083541/ AKSM	17087026	25104275: MS 9480
51A				16144671/ ATKU		
52	C10903+E63 C10753+E63 C10953+E63		4250 4500	16083541/ AKSM		
52A				16144671/ ATKU		
53	C20903+E63 C20753+E63 C20953+E63		4750	16083541/ AKSM	17087192	
53A				16144671/ ATKU		
54	C20903+E63 C20753+E63 C20953+E63		4500 4750	16083541/ AKSM		
54A				16144671/ ATKU		

ISSUED: 12-14-88

REV. NO.: 002, 003, 004

17-L3G4.3T5TAA2-8A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
55	G21005 G21305 G31305 G21306	A4	4250 4500 4750 5000	16083061/ AKMJ	17087026	25104273: MS 9480
55A				16144701/ ATKY		
55B				16151251/ AUMJ		
56	G21005 G21305 G31305 G21306		4250 4500 4750 5000	16083061/ AKMJ		
56A				16144701/ ATKY		
56B				16151251/ AUMJ		

ISSUED: 004

REV. NO.: 006, 007, 008

17-L3G4.3T5TAA2-8.1A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
59	C10903+E63 C10753+E63 C10953+E63	M4	4250 4500	16083531/ AKSL	17087025	25104275: MS 9480
59A				16144661/ ATKT		
60	C10903+E63 C10753+E63 C10953+E63		4750	16083531/ AKSL		
60A				16144661/ ATKT		
61	C20903+E63 C20753+E63 C20953+E63		4500 4750	16083531/ AKSL	17087026	
61A				16144661/ ATKT		
62	C20903+E63 C20753+E63 C20953+E63		4500 4750	16083531/ AKSL		
62A				16144661/ ATKT		

ISSUED: 12-14-88

REV. NO.: 004, 007

17-TAA2

17-L3G4.3T5TAA2-9A
(1990)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
65	G21005 G21305 G21306	M4	4250 4750	16083571/ AKSR	17087026	25104273: MS 9480
66	G21005 G21305 G21306		4250 4500 4750			
67	C10903+E63 C10753+E63 C10953+E63	M5	4250 4500	16083551/ AKSN	17087025	25104275: MS 9480
67A				16144681/ ATKM		
68	C10903+E63 C10753+E63 C10953+E63		4250 4500	16083551/ AKSN		
68A				16144681/ ATKM		

ISSUED: 12-14-88

REV. NO.: 004

17-L3G4.3T5TAA2-10A
(1990)

17-TAA2

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G4.3T5TAA2
 PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___
 ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B
 EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)
 ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
 .50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
69	C20903+E63 C20753+E63 C20953+E63	M5	4500 4750	16083551/ AKSN	17087026	25104275: MS 9480
69A				16144681/ ATKM		
70	C20903+E63 C20753+E63 C20953+E63		4500 4750	16083551/ AKSN		
70A				16144681/ ATKM		

ISSUED: 004

REV. NO.:

17-L3G4.3T5TAA2-1
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G4.3T5TAA2
 PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___
 ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B
 EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)
 ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: MMHC CO NOx Evap DPA: SEE ATTACHMENT I
 .50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
69	C20903+E63	M5		4500	16083551/ AKSN	17087026	25104275: MS 9480
	C20753+E63 C20953+E63			4750			
69A					16144681/ ATKM		
70	C20903+E63			4500	16083551/ AKSN		
	C20753+E63 C20953+E63			4750			
70A					16144681/ ATKM		

ISSUED: 004

REV. NO.: 007

17-TAA2

17-L3G4.3T5TAA2-10.1A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC .50 CO 9.0 NOx 1.0 Evap 2.0 DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
53	K10903+E63 K10753+E63 K10953+E63 K20903+E63 K20753+E63 K20953+E63	A4	4750 5000 5250	16083541/ AKSM	17087192	25104275: MS 9480
54	K10903+E63 K10753+E63 K10953+E63 K20903+E63 K20753+E73 K20953+E63		4750 5000 5250	16144671/ ATKU		
54A				16144671/ ATKU		
61	K10903+E63 K10753+E63 K10953+E63	M4	4750 5000	16083531/ AKSL	17087026	
61A				16144661/ ATKT		

ISSUED: 12-14-88

REV. NO.: 002, 004, 007

17-TAA2

17-L3G4.3T5TAA2-11A
(1990)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
62	K10903+E63 K10753+E63 K10953+E63	M4	4750 5000	16083531/ AKSL	17087026	25104275: MS 9480
62A				16144661/ ATKT		
63	K20903+E63 K20753+E63 K20953+E63		5250	16083531/ AKSC	17087192	
63A				16144661/ ATKT		

ISSUED: 004

REV. NO.:

17-L3G4.3T5TAA2-11.1A
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
64	K20903+E63 K20753+E63 K20953+E63	M4		5000 5250	16083531/ AKSL	17087192	25104275: MS 9480
64A					16144661/ ATKT		
69	K10903+E63 K10753+E63 K10953+E63	M5		4750 5000	16083551/ AKSN	17087026	
69A					16144681/ ATKW		
70	K10903+E63 K10753+E63 K10953+E63			4750 5000	16083551/ AKSN		
70A					16144681/ ATKW		

ISSUED: 12-14-88

REV. NO.: 002, 004, 007

17-L3G4.3T5TAA2-12A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

<u>ENG CODE</u>	<u>VEH MODELS (SEE PAGE 1A)</u>	<u>TRANS TYPE:</u> A-AUTO M-MAN	<u>EQUIV TEST WEIGHT</u>	<u>IGN SYSTEM (ECU/PROM) PART NO.</u>	<u>EGR SYSTEM PART NO.</u>	<u>CATALYST PART NO.</u>
71	K20903+E63 K20753+E63 K20953+E63	M5	4750 5000 5250	16083551/ AKSN	17087192	25104275: MS 9480
71A				16144681/ ATKW		
72	K20903+E63 K20753+E63 K20953+E63		5000 5250	16083551/ AKSN		
72A				16144681/ ATKW		

ISSUED: 004

REV. NO.: 007

17-L3G4.3T5TAA2-12.1A
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION
PASSENGER CARS___ LIGHT DUTY TRUCKS X

ENGINE FAMILY: L3G4.3T5TAA2

ENGINE TYPE: V6

LITER (CID): 4.3 (262)

MEDIUM DUTY VEHICLES___ GAS X DIESEL___
EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: AIRP, EGR, TWC, O2S (OBD)(TBI)

DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___

ENGINE: FRONT X MID___ REAR___
CERTIFICATION STANDARDS: NMHC CO NOx Evap
.50 9.0 1.0 2.0

DPA: SEE ATTACHMENT I

IGN SYSTEM
(ECU/PROM)
PART NO.

EGR
SYSTEM
PART NO.

CATALYST
PART NO.

16129841/
APAJ

17087025

25104273:
MS 9480

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT
73	M10905 M10906 M11005 M11006	M5	3875 4250 3875 4500
74	M10905 M10906 M11005 M11006		3875 4500 4000 4500

ISSUED: 004

REV. NO.:

17-L3G4.3T5TAA2-:
(1990)

17-TAA2

(FOR CARB USE ONLY)

E.O. # A-6-480

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: L3G4.3T5TAA2

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X GAS_X DIESEL___

ENGINE TYPE: V6 LITER (CID): 4.3 (262) EVAP FAMILY: LFO-3B

EMISSION CONTROL SYSTEM: EGR, TWC, O2S (OBD)(TBI)

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERTIFICATION STANDARDS: NMHC CO NOx Evap DPA: SEE ATTACHMENT I
.50 9.0 1.0 2.0

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
57	L10905 L11005 L10906 L11006	A4		4250 4750	16083061/ AKMJ	17087026	25104273: MS 9480
57A					16144701/ ATKY		
57B					16151251/ AUMJ		
58	L10905 L11005 L11906 L11006			4250 4750 5000	16083061/ AKMJ		
58A					16144701/ ATKY		
58B					16151251/ AUMJ		

ISSUED: 12-14-88

REV. NO.: 003, 006, 007

17-L3G4.3T5TAA2-13A
(1990)

17-TAA2