

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-506
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 1991 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: M1G3.4W8JAB3 Displacement: 3.4 Liters (208 Cu. In.)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Oxygen Sensor
Exhaust Gas Recirculation
Multipoint Electronic Fuel Injection

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>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.7

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

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.21	3.8	0.6

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the optional NOx standard based on actual sales of 1990 model-year California-certified passenger cars.

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 Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

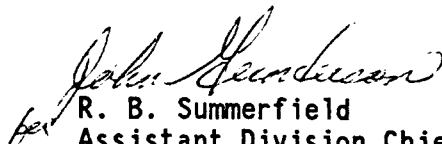
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 (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 23 day of August, 1990.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... M1G3.4W8JAB3

EVAPORATIVE FAMILY..... MBO-1C.

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
LUMINA	12050
CUTLASS SUPREME	29055
GRAND PRIX	33055

ISSUED: 07-25-90

16-M1G3.4W8JAB3-2

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS: 1 J C 3 7 (EXAMPLE)

Digit 1 - Selling Division

- 1 - Chevrolet
- 2 - Pontiac
- 3 - Oldsmobile
- 4 - Buick
- 6 - Cadillac
- 8 - Saturn

Digit 2 - Body Designation

- A - 6000, Cutlass Ciera, Cutlass Cruiser, Century
- B - Caprice, Custom Cruiser, Roadmaster Wagon, Coachbuilder Wagon, Roadmaster
- C - Ninety-Eight, Touring, Park Avenue, DeVille, Fleetwood, Commercial Chassis
- D - Brougham
- E - Toronado, Riviera, Eldorado, Reatta, Trofeo
- F - Camaro, Firebird, Trans Am
- H - Bonneville, Eighty-Eight, LeSabre
- J - Cavalier, Sunbird
- K - Seville
- L - Corsica, Beretta
- N - Grand Am, Cutlass Calais, Skylark
- T - Lemans
- V - Allante
- W - Grand Prix, Regal, Cutlass Supreme, Lumina
- Y - Corvette
- Z - Saturn Coupe/Sedan

Digit 3 - Trim Level

B, C, D, E, F, G, H, J, K, M, N, L, P, R, S, T, U, V, W, X, Y, Z

Digits 4 & 5 - Body Style

- | | |
|----------------------------|----------------------------|
| 07 - 2Dr Sport Coupe | 57 - 2Dr Hardtop Coupe |
| 08 - 2Dr Hatchback Coupe | 67 - 2Dr Convertible Coupe |
| 19 - 4Dr Sedan | 68 - 4Dr Hatchback Sedan |
| 27 - 2Dr (Notchback Coupe) | 69 - 4Dr (Notchback) Sedan |
| 35 - 4Dr Station Wagon | 87 - 2Dr Hatchback Coupe |
| 37 - 2Dr Hardtop Coupe | 90 - Commercial Chassis |
| 47 - 2Dr Hardtop Coupe | 97 - 2Dr Hardtop Coupe |

ISSUED: 07-25-90

REV. NO.:

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: M1G3.4W8JAB3

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE TYPE: V6 LITER (CID): 3.4 (208) EVAP FAMILY: MB0-1C

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, TWC, O2S, MPI

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .7 NOx RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
51	1WL27	A4	3750	16152511/AUSM, 16154051/AUZX	17090077,	25128983, 25130594, 10185103
	1WN27					
	1WP27					
	2WJ37					
	2WP37					
	2WJ19		3875			
	2WH19					
	2WT19					
	3WH47		3750			
	3WS47					
	3WR47					
	3WS69		3875			
	3WH69					
	3WR69					
61	1WL27		3750	16152511/AUSM, 16154051/AUZX *1		25129048
	1WN27					
	1WP27					
	2WJ37					
	2WP37					
	2WJ19	3875				
	2WH19					
	2WT19					
	3WH47	3750				
	3WS47					
	3WR47					
	3WS69	3875				
	3WH69					
	3WR69					

*1 ECM P/N 16152511 and 16154051 recalibrated by RC M1-112 prior to start of production.

ISSUED: 07-25-90

REV. NO.: 001, 002

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: M1G3.4W8JAB3

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE TYPE: V6 LITER (CID): 3.4 (208) EVAP FAMILY: MBO-1C

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, TWC, O2S, MPI

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .7 NOx RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
61A	1WL27	A4	3750	16158771/AWYT, 16158791/AWYW	17090077, 17091144, 17091147	25129048
	1WN27					
	1WP27					
	2WJ37					
	2WP37					
	2WJ19					
	2WH19					
	2WT19					
	3WH47					
	3WS47					
	3WR47					
	3WS69					
	3WH69					
3WR69						
61B				16162401/AXSK, 16162421/AXSM		

1991 MODEL YEAR PASSENGER CARS

Body Style	Test Weight Classes	50mph Road Load Hp	w/o AC Factor..			with AC Factor.		
			Dyno Down	Coast.....	Upper	Dyno Down	Coast.....	Upper
			Hp	Time	Limit	Hp	Time	Limit

***** W BODY (FWD)(continued) *****

CHEVROLET LUMINA (1W_89)
 PONTIAC GRAND PRIX (2W_19)
 OLDSMOBILE CUTLASS SUPREME (3W_69)
 BUICK REGAL (4W_19)

auto tran & Mic P225/60R16 AL3	0-3875	12.79	5.0	18.63	19.93	5.5	17.94	19.19
LOWER TWC	3750		5.0	18.03	19.29	5.5	17.36	18.57
LOWER TWC	3625		5.0	17.43	18.64	5.5	16.78	17.95

OLDSMOBILE CUTLASS SUPREME CONVERTIBLE (3WT67)

w/auto tran & P195/75R14 ALS	0-3875	12.32	5.8	19.33	20.68	6.3	18.46	19.75
LOWER TWC	3750		5.8	18.71	20.01	6.3	17.86	19.11
w/man. tran & P195/74R14 ALS	0-3875	11.82	5.8	20.14	21.54	6.3	19.21	20.55
LOWER TWC	3750		5.8	19.49	20.85	6.3	18.59	19.89
auto tran & BFG P205/70R15 AL2	0-3875	13.14	5.4	18.13	19.39	6.0	17.41	18.62
LOWER TWC	3750		5.4	17.55	18.77	6.0	16.85	18.02
man. tran & BFG P205/70R15 AL2	0-3875	12.64	5.4	18.84	20.15	6.0	18.07	19.33
LOWER TWC	3750		5.4	18.23	19.50	6.0	17.49	18.71
w/auto tran & P205/70R15 ALS	0-3750	11.93	6.0	19.33	20.68	6.6	18.40	19.68
LOWER TWC	3625		6.0	18.69	19.99	6.6	17.79	19.03
w/man. tran & P205/70R15 ALS	0-3750	11.43	6.0	20.17	21.58	6.6	19.17	20.51
LOWER TWC	3625		6.0	19.50	20.86	6.6	18.53	19.82
w/auto tran & P215/60R16 AL3	0-3875	14.05	4.6	16.95	18.13	5.1	16.41	17.55
LOWER TWC	3750		4.6	16.40	17.55	5.1	15.88	16.99
w/man. tran & P215/60R16 AL3	0-3875	13.55	4.6	17.58	18.81	5.1	17.00	18.19
LOWER TWC	3750		4.6	17.01	18.20	5.1	16.45	17.60

TEST HORSEPOWER VALUES

1991 MODEL YEAR PASSENGER CARS

Body Style	Test Weight Classes	50mph .w/o AC Factor..			.with AC Factor.			
		Road Load MpCoast..... Dyno Down TimeCoast..... Dyno Down TimeCoast..... Dyno Down TimeCoast..... Dyno Down TimeCoast..... Dyno Down Time	
***** W BODY (FWD) *****								
CHEVROLET LUMINA (1W_27)								
PONTIAC GRAND PRIX (2W_37)								
OLDSMOBILE CUTLASS SUPREME (3W_47)								
BUICK REGAL (4W_57)								
man. tran & (P195/75&P205/70)R14	3625 Only	10.84	5.1	20.58	22.02	5.6	19.67	21.04
man. tran & (P195/75&P205/70)R14	0-3500	10.60	5.1	20.37	21.79	5.6	19.57	20.93
LOWER TWC	3375		5.1	19.64	21.01	5.6	18.87	20.19
LOWER TWC	3250		5.1	18.91	20.23	5.6	18.17	19.44
auto tran & (P195/75&P205/70)R14	3625 Only	11.34	5.1	19.67	21.04	5.6	18.84	20.15
auto tran & (P195/75&P205/70)R14	0-3500	11.10	5.1	19.45	20.81	5.6	18.64	19.94
LOWER TWC	3375		5.1	18.76	20.06	5.6	17.97	19.23
LOWER TWC	3250		5.1	18.06	19.32	5.6	17.31	18.52
w/man. tran & P195/70R15 AL3	3625 Only	12.00	4.1	18.58	19.88	4.5	17.96	19.21
w/man. tran & P195/70R15 AL3	0-3500	11.78	4.1	18.33	19.61	4.5	17.61	18.84
LOWER TWC	3375		4.1	17.68	18.91	4.5	16.98	18.16
LOWER TWC	3250		4.1	17.02	18.21	4.5	16.35	17.49
w/auto tran & P195/70R15 AL3	3625 Only	12.50	4.1	17.84	19.08	4.5	17.26	18.46
w/auto tran & P195/70R15 AL3	0-3500	12.28	4.1	17.58	18.81	4.5	16.89	18.07
LOWER TWC	3375		4.1	16.95	18.13	4.5	16.29	17.42
LOWER TWC	3250		4.1	16.32	17.46	4.5	15.68	16.78
w/man. tran & P205/65R15 AL2	3625 Only	11.17	5.4	19.98	21.37	5.9	19.18	20.52
w/man. tran & P205/65R15 AL2	0-3500	11.11	5.4	19.41	20.76	5.9	18.62	19.92
LOWER TWC	3375		5.4	18.72	20.02	5.9	17.95	19.21
LOWER TWC	3250		5.4	18.02	19.28	5.9	17.29	18.50
w/auto tran & P205/65R15 AL2	3625 Only	11.67	5.4	19.13	20.46	5.9	18.39	19.67
w/auto tran & P205/65R15 AL2	0-3500	11.61	5.4	18.57	19.86	5.9	17.84	19.08
LOWER TWC	3375		5.4	17.91	19.16	5.9	17.20	18.40
LOWER TWC	3250		5.4	17.24	18.45	5.9	16.57	17.72
man. tran & BFG P205/70R15 AL2	0-3500	11.34	5.0	19.01	20.34	5.5	18.20	19.47
LOWER TWC	3375		5.0	18.33	19.61	5.5	17.55	18.77
LOWER TWC	3250		5.0	17.65	18.88	5.5	16.90	18.08
auto tran & BFG P205/70R15 AL2	0-3500	11.84	5.0	18.21	19.48	5.5	17.46	18.68
LOWER TWC	3375		5.0	17.56	18.78	5.5	16.84	18.01
LOWER TWC	3250		5.0	16.91	18.09	5.5	16.21	17.34
w/man. tran & P205/70R15 ALS	3625 Only	10.84	5.1	20.58	22.02	5.6	19.67	21.04
w/man. tran & P205/70R15 ALS	0-3500	10.60	5.1	20.37	21.79	5.6	19.57	20.93
LOWER TWC	3375		5.1	19.64	21.01	5.6	18.87	20.19
LOWER TWC	3250		5.1	18.91	20.23	5.6	18.17	19.44
w/auto tran & P205/70R15 ALS	3625 Only	11.34	5.1	19.67	21.04	5.6	18.84	20.15
w/auto tran & P205/70R15 ALS	0-3500	11.10	5.1	19.45	20.81	5.6	18.64	19.94
LOWER TWC	3375		5.1	18.76	20.06	5.6	17.97	19.23
LOWER TWC	3250		5.1	18.06	19.32	5.6	17.31	18.52
w/man. tran & P215/65R15 AL3	3625 Only	12.07	4.1	18.47	19.76	4.5	17.87	19.12
w/man. tran & P215/65R15 AL3	0-3500	11.89	4.1	18.18	19.43	4.5	17.61	18.84
LOWER TWC	3375		4.1	17.51	18.73	4.5	16.98	18.16
LOWER TWC	3250		4.1	16.86	18.04	4.5	16.35	17.49
w/auto tran & P215/65R15 AL3	3625 Only	12.57	4.1	17.74	18.98	4.5	17.18	18.38
w/auto tran & P215/65R15 AL3	0-3500	12.39	4.1	17.43	18.65	4.5	16.92	18.10
LOWER TWC	3375		4.1	16.81	17.98	4.5	16.32	17.45
LOWER TWC	3250		4.1	16.18	17.31	4.5	15.71	16.81
w/man. tran & P215/60R16 AL2	3625 Only	11.86	4.9	18.81	20.12	5.4	18.07	19.33
w/man. tran & P215/60R16 AL2	0-3500	11.80	4.9	18.28	19.55	5.4	17.55	18.77
LOWER TWC	3375		4.9	17.63	18.86	5.4	16.92	18.10
LOWER TWC	3250		4.9	16.97	18.16	5.4	16.30	17.43
w/auto tran & P215/60R16 AL2	3625 Only	12.36	4.9	18.05	19.31	5.4	17.37	18.58
w/auto tran & P215/60R16 AL2	0-3500	12.30	4.9	17.53	18.75	5.4	16.86	18.04
LOWER TWC	3375		4.9	16.90	18.08	5.4	16.26	17.39
LOWER TWC	3250		4.9	16.28	17.41	5.4	15.66	16.75
w/man. tran & P215/60R16 AL3	3750 Only	12.16	4.5	18.98	20.30	4.9	18.30	19.58
w/man. tran & P215/60R16 AL3	3625 Only	12.00	4.6	18.60	19.90	5.1	17.92	19.17
w/man. tran & P215/60R16 AL3	0-3500	11.93	4.6	18.07	19.33	5.1	17.39	18.60
LOWER TWC	3375		4.6	17.42	18.64	5.1	16.77	17.94
LOWER TWC	3250		4.6	16.78	17.95	5.1	16.15	17.27
w/auto tran & P215/60R16 AL3	3750-3875	12.79	4.5	18.64	19.94	4.9	18.01	19.27
LOWER TWC	3750		4.5	18.04	19.30	4.9	17.43	18.64
w/auto tran & P215/60R16 AL3	3625 Only	12.50	4.6	17.86	19.11	5.1	17.23	18.43
w/auto tran & P215/60R16 AL3	0-3500	12.43	4.6	17.35	18.56	5.1	16.72	17.89
LOWER TWC	3375		4.6	16.73	17.90	5.1	16.12	17.25
LOWER TWC	3250		4.6	16.11	17.23	5.1	15.53	16.61

ATTACHMENT I - PAGE 2

1991 MODEL YEAR PASSENGER CARS

Body Style	Test Weight Classes	50mph Road Load Hp	.w/o AC Factor..			.with AC Factor.		
			Dyno Hp	Coast Down Time	Upper Limit	Dyno Hp	Coast Down Time	Upper Limit

***** W BODY (FWD)(continued) *****

CHEVROLET LUMINA (1W_27)
 PONTIAC GRAND PRIX (2W_37)
 OLDSMOBILE CUTLASS SUPREME (3W_47)
 BUICK REGAL (4W_57)

auto tran & Gdy P225/60R16 AL2	0-3625	11.42	5.3	19.54	20.90	5.9	18.67	19.97
LOWER TWC	3500		5.3	18.87	20.18	5.9	18.03	19.28
LOWER TWC	3375		5.3	18.19	19.46	5.9	17.38	18.59
man. tran & Gdy P225/60R16 AL3	0-3750	11.93	4.7	19.35	20.70	5.1	18.62	19.92
LOWER TWC	3625		4.7	18.71	20.01	5.1	18.00	19.25
LOWER TWC	3500		4.7	18.06	19.32	5.1	17.38	18.59
auto tran & Gdy P225/60R16 AL3	0-3875	12.55	4.7	18.99	20.31	5.1	18.31	19.59
LOWER TWC	3750		4.7	18.38	19.66	5.1	17.72	18.95
LOWER TWC	3625		4.7	17.76	19.00	5.1	17.13	18.32
LOWER TWC	3500		4.7	17.15	18.35	5.1	16.54	17.69
man. tran & Mic P225/60R16 AL3	0-3750	11.78	4.9	19.60	20.97	5.4	18.82	20.13
LOWER TWC	3625		4.9	18.95	20.27	5.4	18.19	19.46
LOWER TWC	3500		4.9	18.29	19.57	5.4	17.57	18.79
auto tran & Mic P225/60R16 AL3	0-3875	12.39	4.9	19.24	20.58	5.4	18.51	19.80
LOWER TWC	3750		4.9	18.62	19.92	5.4	17.91	19.16
LOWL.R TWC	3625		4.9	18.00	19.25	5.4	17.32	18.52
LOWL.R TWC	3500		4.9	17.38	18.59	5.4	16.72	17.88

***** W BODY (FWD)(continued) *****

CHEVROLET LUMINA (1W_69)
 PONTIAC GRAND PRIX (2W_19)
 OLDSMOBILE CUTLASS SUPREME (3W_69)
 BUICK REGAL (4W_19)

w/auto tran & P195/75R14 ALS	0-3750	11.57	5.5	19.28	20.62	6.0	18.41	19.69
LOWER TWC	3625		5.5	18.64	19.94	6.0	17.80	19.04
LOWER TWC	3500		5.5	17.99	19.25	6.0	17.18	18.38
w/man. tran & P195/75R14 ALS	0-3625	11.07	5.5	20.15	21.56	6.0	19.20	20.54
LOWER TWC	3500		5.5	19.48	20.81	6.0	18.54	19.83
LOWER TWC	3375		5.5	18.76	20.07	6.0	17.88	19.12
w/auto tran & P205/70R14 ALS	0-3750	11.91	5.5	18.74	20.05	6.0	17.91	19.16
LOWER TWC	3625		5.5	18.12	19.38	6.0	17.31	18.52
LOWER TWC	3500		5.5	17.49	18.71	6.0	16.72	17.88
w/man. tran & P205/70R14 ALS	0-3625	11.41	5.5	19.56	20.92	6.0	18.65	19.95
LOWER TWC	3500		5.5	18.89	20.20	6.0	18.01	19.26
LOWER TWC	3375		5.5	18.21	19.48	6.0	17.36	18.57
w/auto tran & P195/70R15 AL3	0-3625	12.82	4.5	17.68	18.91	5.0	17.07	18.26
LOWL.R TWC	3500		4.5	17.07	18.26	5.0	16.48	17.63
LOWER TWC	3375		4.5	16.46	17.61	5.0	15.89	17.00
w/man. tran & P195/70R15 AL3	0-3625	12.12	4.5	18.41	19.69	5.0	17.75	18.99
LOWER TWC	3500		4.5	17.78	19.01	5.0	17.14	18.33
LOWER TWC	3375		4.5	17.14	18.34	5.0	16.53	17.68
w/auto tran & P205/65R15 AL2	3625-3750	12.12	5.9	19.03	20.36	6.4	18.25	19.52
LOWER TWC	3625		5.9	18.40	19.68	6.4	17.64	18.87
w/auto tran & P205/65R15 AL2	0-3500	11.90	5.7	18.11	19.37	6.2	17.29	18.50
LOWER TWC	3375		5.7	17.46	18.68	6.2	16.67	17.83
w/man. tran & P205/65R15 AL2	3625-3750	11.62	5.9	19.85	21.23	6.4	18.90	20.22
LOWER TWC	3625		5.9	19.19	20.53	6.4	18.27	19.54
w/man. tran & P205/65R15 AL2	0-3500	11.40	5.7	18.90	20.22	6.2	18.01	19.27
LOWL.R TWC	3375		5.7	18.22	19.50	6.2	17.37	18.58

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1991 MODEL YEAR PASSENGER CARS

Body Style	Test Weight Classes	50mph .w/o AC Factor..			.with AC Factor.			
		Road Load Dyno Hp	Coast.....	Upper Limit	Dyno Hp	Coast.....	Upper Limit	
***** W BODY (FWD)(continued) *****								
CHEVROLET LUMINA (1W_69)								
PONTIAC GRAND PRIX (2W_19)								
OLDSMOBILE CUTLASS SUPREME (1W_69)								
BUICK REGAL (4W_19)								
auto tran & BFG P205/70R15 AL2	0-3625	12.24	5.5	18.23	19.50	6.1	17.44	18.66
LOWER TWC	3500		5.5	17.60	18.83	6.1	16.84	18.01
man. tran & BFG P205/70R15 AL2	0-3625	11.74	5.5	19.01	20.34	6.1	18.15	19.42
LOWER TWC	3500		5.5	18.35	19.63	6.1	17.52	18.75
w/auto tran & P205/70R15 ALS	3625-3750	11.52	6.0	20.03	21.43	6.7	19.03	20.36
LOWER TWC	3625		6.0	19.36	20.71	6.7	18.40	19.68
w/auto tran & P205/70R15 ALS	0-3500	11.34	5.9	19.01	20.34	6.5	18.07	19.33
LOWER TWC	3375		5.9	18.33	19.61	6.5	17.42	18.64
w/man. tran & P205/70R15 ALS	3625-3750	11.02	6.0	20.94	22.40	6.7	19.85	21.23
LOWER TWC	3625		6.0	20.24	21.65	6.7	19.19	20.53
w/man. tran & P205/70R15 ALS	0-3500	10.84	5.9	19.89	21.28	6.5	18.86	20.18
LOWER TWC	3375		5.9	19.18	20.52	6.5	18.19	19.45
w/auto tran & P215/65R15 AL3	3625-3750	12.96	4.5	17.80	19.04	5.0	17.20	18.40
LOWER TWC	3625		4.5	17.21	18.41	5.0	16.63	17.79
w/auto tran & P215/65R15 AL3	0-3500	12.72	4.3	16.95	18.13	4.7	16.40	17.54
LOWER TWC	3375		4.3	16.34	17.48	4.7	15.81	16.92
w/man. tran & P215/65R15 AL3	3625-3750	12.46	4.5	18.51	19.80	5.0	17.87	19.12
LOWER TWC	3625		4.5	17.89	19.14	5.0	17.27	18.48
w/man. tran & P215/65R15 AL3	0-3500	12.22	4.3	17.65	18.88	4.7	17.04	18.23
LOWER TWC	3375		4.3	17.02	18.21	4.7	16.43	17.58
w/auto tran & P215/60R16 AL2	3625-3750	12.84	5.4	17.98	19.23	5.9	17.25	18.45
LOWER TWC	3625		5.4	17.38	18.59	5.9	16.67	17.84
w/auto tran & P215/60R16 AL2	0-3500	12.59	5.2	17.12	18.31	5.7	16.44	17.59
LOWER TWC	3375		5.2	16.51	17.66	5.7	15.85	16.96
w/man. tran & P215/60R16 AL2	3625-3750	12.34	5.4	18.70	20.00	5.9	17.92	19.17
LOWER TWC	3625		5.4	18.08	19.34	5.9	17.32	18.53
w/man. tran & P215/60R16 AL2	0-3500	12.09	5.2	17.83	19.07	5.7	17.09	18.28
LOWER TWC	3375		5.2	17.19	18.39	5.7	16.48	17.63
w/auto tran & P215/60R16 AL3	3875 Only	13.20	4.6	18.06	19.32	5.0	17.45	18.67
w/auto tran & P215/60R16 AL3	3625-3750	12.97	4.8	17.79	19.03	5.2	17.16	18.36
LOWER TWC	3625		4.8	17.20	18.40	5.2	16.59	17.74
w/auto tran & P215/60R16 AL3	0-3500	12.73	4.5	16.94	18.12	5.0	16.35	17.49
LOWER TWC	3375		4.5	16.33	17.47	5.0	15.77	16.86
w/man. tran & P215/60R16 AL3	3875 Only	12.61	4.6	18.90	20.22	5.1	18.24	19.51
w/man. tran & P215/60R16 AL3	3625-3750	12.47	4.8	18.51	19.80	5.2	17.83	19.07
LOWER TWC	3625		4.8	17.89	19.14	5.2	17.24	18.44
w/man. tran & P215/60R16 AL3	0-3500	12.23	4.5	17.63	18.86	5.0	17.00	18.19
LOWER TWC	3375		4.5	17.00	18.19	5.0	16.39	17.54
auto tran & Gdy P225/60R16 AL2	3875 Only	12.06	5.5	19.77	21.15	6.0	18.91	20.23
auto tran & Gdy P225/60R16 AL2	0-3750	11.83	5.4	19.51	20.87	6.0	18.66	19.96
LOWER TWC	3625		5.4	18.86	20.17	6.0	18.04	19.30
LOWER TWC	3500		5.4	18.21	19.48	6.0	17.42	18.63
man. tran & Gdy P225/60R16 AL3	0-3875	12.37	4.8	19.27	20.61	5.3	18.55	19.84
LOWER TWC	3750		4.8	18.65	19.95	5.3	17.95	19.20
LOWER TWC	3625		4.8	18.03	19.28	5.3	17.35	18.56
auto tran & Gdy P225/60R16 AL3	0-3875	12.96	4.8	18.39	19.67	5.3	17.74	18.98
LOWER TWC	3750		4.8	17.80	19.04	5.3	17.17	18.36
LOWER TWC	3625		4.8	17.20	18.40	5.3	16.60	17.75
man. tran & Mic P225/60R16 AL3	0-3875	12.21	5.0	19.52	20.88	5.5	18.75	20.06
LOWER TWC	3750		5.0	18.89	20.21	5.5	18.15	19.41
LOWER TWC	3625		5.0	18.26	19.53	5.5	17.54	18.76