MOTOR VEHICLE

Specifications

METRIC (U.S. Customary)

Passenger Car

1985

Manufacturer	Car Line	
Chevrolet Motor Division General Motors Corporation	Camaro	
Mailing Address		
Chevrolet Engineering Center 30003 Van Dyke Warren, MI 48090-9060	Issued July, 1984	Revised October 1984

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. This specification form was developed by the automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Table of Contents

NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
   a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
   b. Nominal design dimensions are used throughout these specifications.
   c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
4. Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Car Models

Model Description FWD/RWD	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load–Kilograms (Pounds)
REAR WHEEL DRIVE CAMARO		MODEL NUMBER	FRONT/REAR		
Sport Coupe					
2-Door Sport Coupe		1FP87	2	2	45.4 (100.1)
Berlinetta					
2-Door Sport Coupe		1FS87	2	2	45.4 (100.1)
Model Option					
Z28					
2-Door Sport Coupe		1FP87 w/Z28	2	2	45.4 (100.1)
IROC-Z					
2-Door Sport Coupe		1FP87/Z28/B4Z	2	2	45.4 (100.1)

All models share common hatchback body.

Note: Any specifications on the following pages that are specific to California requirements are indicated accordingly.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Power Teams (Indicate whether standard or optional)
SAE J1349 Net bhp (brake horsepower) and net torque corrected to 77°F/25° C and 29.61 in. Hg/100 kPa atmospheric pressure.

SERIES AVAILABILITY	ENGINE						TRANSMISSION TRANSAXLE	DRIVE RATIOS (:1) AXLE RATIO			
	Displ. Liters (in³)	Carb. (Barrels, FI, etc.)	Compr. Ratio	SAE Net at RPM kW (bhp)	SAE Net at RPM Torque N·m (lb. ft.)	Exhaust S/D		Base #	Overall Veh. Drive	Opt.	Overall Veh. Drive
1FP00-All States-Base (Except Z28)	L4 2.5L (151 CID) LQ9	EFI *	9.0:1	88 @ 4400	132 @ 2800	S	Man. 5-Spd. 3.76 Low-Base	37.3	2.68	--	--
							Auto '700-R4' Avail	3.73+	2.61	--	--
1FP00-All States-Avail 1FS00-All States-Base (Except Z28)	V6 2.8L (173 CID) LB8	MFI **	8.9:1	135 @ 5100	165 @ 3600	S	Man. 5-Spd. 4.03 Low/Base	3.42	2.60	--	--
							Auto '700-R4' Avail	3.42	2.39	--	--
1FP & 1FS00 Avail-All States 1FP with Z28-Base	V8 5.0L (305 CID) LG4	4-Bbl	9.5:1	155 @ 4200	245 @ 2000		Auto '700-R4' Avail-1FP&1FS Models	3.08	2.16	--	--
							Man. 5-Spd. 2.95 Low/Base with Z28	3.23	2.03	--	--
							Auto. 5-Spd. Base-IROC(B4Z)	3.23	2.03	--	--
Z28-Avail with IROC @ option only. All States	V8 5.0L (305 CID) L69 H.O.	4-Bbl	9.5:1	190 @ 4800	240 @ 3200	D	Man. 5-Spd. 2.95 Low/Base	3.73	2.35	--	--
Avail All States Z28/IROC	V8 5.0L (305 CID) LB9	TPI ***	9.5:1	215 @ 4400	275 @ 3200	D	Auto '700-R4' Avail. Z28	3.23	2.26	--	--
							Auto '700-R4' Avail.IROC(B4Z)	3.23	2.26	3.42$ %	2.39

- 194mm (7.5/8" ring gear)
@ - Available with IROC option only (RPO B4Z).

* - Electronic Fuel Injection.
** - Multi-Port Fuel Injection.
*** - Tuned-Port Fuel Injection.
$ - Optional Axle Ratio.
\+ - Not available with limited slip axle.
% - 3.42 Optional Axle available with IROC-Z only.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) ELECTRONIC FUEL INJECTION RPO LQ9	2.8 LITER-V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		In Line Front Longitudinal	60°V
No. of cylinders		4	6
Bore		101.6 (4.0)	89.0 (3.50)
Stroke		76.2 (3.0)	76.0 (2.99)
Bore spacing (c / l to c / l)		111.8 (4.40)	
Cylinder block material		Cast Iron	
Cylinder block deck height		236.1 (9.3)	224 (8.82)
Deck clearance (minimum) (above or below block)		0.63 (.025) Below	0.62 (.024) Below
Cylinder head material		Cast Iron	
Cylinder head volume (cm^3)		45.62 (2.78)	--
Head gasket thickness (compressed)		.97 (.03819)	.838 (.033)
Minimum combustion chamber total volume (cm^3)		70.82 (4.32)	63.41734 (3.86927)@
Cyl. no. system (front to rear)*	L. Bank	1-2-3-4	1-3-5
	R. Bank	--	2-4-6
Firing order		1-3-4-2	1-2-3-4-5-6
Recommended fuel (leaded, unleaded, diesel)		Unleaded	
Fuel antiknock index $\frac{(R+M)}{2}$		87	
Total dressed engine mass (wt) dry**		152.4(336.0) Auto., 166.3(366.6)Man.	191.1 (421.3)

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Cast aluminum alloy 650 (22.96)	Aluminum alloy/.467 (16.47)

Engine – Camshaft

Location		Right side of block	In block above crankshaft
Material & mass kg (weight, lbs.)		Cast iron/3.546 (7.82)	Cast iron/3.098 (6.83)
Drive type	Chain / belt	Gear	Chain
	Width / pitch	--	

* Rear of engine – drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Dressed engine mass (weight) includes the following:

@-Piston at TDC, spark plug and valves in place, and cylinder head torqued to specifications.

All those items necessary to make engine a complete ready-to-run unit.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69 HO

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		90°V Front Longitudinal
No. of cylinders		8
Bore		94.89 (3.74)
Stroke		88.39 (3.48)
Bore spacing (c / l to c / l)		111.8 (4.40)
Cylinder block material		Cast Iron
Cylinder block deck height		229.2 (9.025)
Deck clearance (minimum) (above or below block)		.635 (.025) below
Cylinder head material		Cast Iron
Cylinder head volume (cm^3)		Not Applicable
Head gasket thickness (compressed)		.533 (.021)
Minimum combustion chamber total volume (cm^3)		Not Available
Cyl. no. system (front to rear)*	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
Recommended fuel (leaded, unleaded, diesel)		Unleaded
Fuel antiknock index $\frac{(R+M)}{2}$		87
Total dressed engine mass (wt) dry**		202.3 (446) Auto. 226.2 (500) Man 202.5 (447)

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum 502 (17.7)

Engine – Camshaft

Location		In block above crankshaft
Material & mass kg (weight, lbs.)		Cast Iron 3.969 (8.75)
Drive type	Chain / belt	Chain
	Width / pitch	15.976 (.625)/.5

* Rear of engine – drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Dressed engine mass (weight) includes the following:

All those items necessary to make engine a complete ready-to-run unit.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) (TUNED PORT FUEL INJECTION) RPO LB9

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		90°V Front Longitudinal
No. of cylinders		8
Bore		94.89 (3.74)
Stroke		88.39 (3.48)
Bore spacing (c / l to c / l)		111.8 (4.40)
Cylinder block material		Cast Iron
Cylinder block deck height		229.2 (9.025)
Deck clearance (minimum) (above or below block)		.635 (.025) below
Cylinder head material		Cast Iron
Cylinder head volume (cm^3)		Not Applicable
Head gasket thickness (compressed)		.533 (.021)
Minimum combustion chamber total volume (cm^3)		Not Available
Cyl. no. system (front to rear)*	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
Recommended fuel (leaded, unleaded, diesel)		Unleaded
Fuel antiknock index $\frac{(R + M)}{2}$		87
Total dressed engine mass (wt) dry**		243.0 (535.7)

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum/.502 (17.7)

Engine – Camshaft

Location		In block above crankshaft
Material & mass kg (weight, lbs.)		Cast Iron/3.856 (8.5)
Drive type	Chain / belt	Chain
	Width / pitch	--

* Rear of engine – drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Dressed engine mass (weight) includes the following:

All those items necessary to make engine a complete ready-to-run unit.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) (ELECTRONIC FUEL INJECTION) RPO LQ9	2.8 LITER V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Engine – Valve System

Hydraulic lifters (std., opt., NA)		Standard	
Valves	Number intake / exhaust	4/4	6/6
	Head O.D. intake / exhaust	43.69(1.72)/38.10(1.50)	43.64(1.72)/36.20(1.43)

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]	Cast Arma Steel .620.9 (1.4)	SAE 1037 or 1038 Steel .399 (0.9)

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]	Nodular Cast Iron 12.510(27.52)	Nodular Cast Iron 14.170(31.24)
End thrust taken by bearing (no.)	5	3
Number of main bearings	5	4

Engine – Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	259 (37.5) @ 2000	345-448 (50-65) @ 1200
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of c/case, less filter-refill-L (qt.)	2.8 (3.0)	3.8 (4.0)

Engine – Diesel Information

Diesel engine manufacturer		
Glow plug, current drain at 0°F		NOT
Injector nozzle	Type	
	Opening pressure [kPa (psi)]	APPLICABLE
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler-type (oil to engine coolant; oil to ambient air)		
Oil filter		

Engine – Intake System

Turbo charger - manufacturer	NOT
Super charger - manufacturer	APPLICABLE
Charge cooler	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69

Engine – Valve System

Hydraulic lifters (std., opt., NA)		Standard
Valves	Number intake / exhaust	8/8
	Head O.D. intake / exhaust	46.74(1.84/38.10(1.50)

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]	SAE 1037 or 1038 Steel/.604.47(1.333)@

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]	Nodular Cast Iron/23.360(51.50)
End thrust taken by bearing (no.)	5
Number of main bearings	5

Engine – Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	345-448 (50-65) @ 2000
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	4.5 (5.0)

Engine – Diesel Information

Diesel engine manufacturer		
Glow plug, current drain at 0°F		NOT
Injector nozzle	Type	
	Opening pressure [kPa (psi)]	APPLICABLE
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler-type (oil to engine coolant; oil to ambient air)		
Oil filter		

Engine – Intake System

Turbo charger - manufacturer	NOT
Super charger - manufacturer	APPLICABLE
Charge cooler	

@ - Includes rod, cap, bolts and nuts

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) (TUNED PORT FUEL INJECTION) RPO LB9

Engine – Valve System

Hydraulic lifters (std., opt., NA)		Standard
Valves	Number intake / exhaust	8/8
	Head O.D. intake / exhaust	46.74(1.84)/38.10(1.50)

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]	Steel/.388 (0.85)

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]	Nodular Cast Iron/23.360 (51.5)
End thrust taken by bearing (no.)	5
Number of main bearings	5

Engine – Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	4.5 (5.0)

Engine – Diesel Information

Diesel engine manufacturer		
Glow plug, current drain at 0°F		NOT
Injector nozzle	Type	
	Opening pressure [kPa (psi)]	APPLICABLE
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler-type (oil to engine coolant; oil to ambient air)		
Oil filter		

Engine – Intake System

Turbo charger - manufacturer	NOT
Super charger - manufacturer	APPLICABLE
Charge cooler	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line ~~CAMARO~~
Model Year ~~1985~~ Issued ~~7-84~~ Revised (•)

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) (ELECTRONIC FUEL INJECTION) RPO LQ9	2.8 LITER V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Engine – Cooling System

Coolant recovery system (std., opt., n.a.)		Standard				
Coolant fill location (rad., bottle)		Bottle, coolant recovery				
Radiator cap relief valve pressure [kPa (psi)]		103.4 (15)				
Circulation thermostat	Type (choke, bypass)	Bypass				
	Starts to open at °C (°F)	91°C (195°F)				
Water pump	Type (centrifugal, other)	Centrifugal				
	GPM 1000 pump rpm	6				
	Number of pumps	One				
	Drive (V-belt, other)	V-belt				
	Bearing type	Sealed ball-roller				
By-pass recirculation [type (inter,. ext.)]		External			Internal	
Cooling system capacity	With heater–L(qt.)	8.65(9.14)Auto,8.79(9.29)Man			11.67(12.3)Auto,1177(12.4)Man	
	With air cond.–L(qt.)	8.67(9.16)Auto,8.81(9.31)Man			11.59(12.2)Auto,1169(12.3)Man	
	Opt. equipment [specify–L(qt.)]	8.75(9.25)Auto,8.75(9.25)Man			11.67(12.3)Auto,1177(12.4)Man	
Water jackets full length of cyl. (yes, no)		Yes H.D.Radiator				
Water all around cylinder (yes, no)		Yes				
Radiator core	Describe (type, material, no. of rows)	Cross flow, alumimum, high efficiency radiator				
	Std., A/C, HD	Std.	A/C	H.D.	Std.	A/C and H.D.
	Width	527.8	667.5	667.5	599.5	599.5
	Height	437.8	437.8	437.8	437.8	437.8
	Thickness	23.5	23.5	23.5	23.5	23.5
	Fins per inch @	4.0	4.0	*	3.5	2.5
Fan	Std., elec., opt.	Std.		Opt.	Std.and Opt.	
	Number of blades & type (flex, solid, material)	4, Columbium, solid		7, Aluminum, solid	5, Plastic solid	
	Diameter & projected width	381.0 (15.0)		406.4 (16.0)	423.0 (16.7)	
	Ratio (fan to crankshaft rev.)	1.16:1		Not Available	Not available	
	Fan cutout type	None		Clutch	None	
	Drive [type (direct, remote)]	Belt		Belt	Belt	
	RPM at idle (elec.)	-		-	-	
	Motor rating (wattage) (elec.)	-		-	-	
	Motor switch (type & location) (elec.)	-		-	-	
	Switch point (temp., pressure) (elec.)	-		-	-	
	Fan shroud (material)	Plastic		Plastic	Plastic	

@ - Distance between top of fins

* - 3.0 with manual trans.
3.5 with auto. trans.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69 HO

Engine – Cooling System

Coolant recovery system (std., opt., n.a.)		Standard				
Coolant fill location (rad., bottle)		Bottle, coolant recovery				
Radiator cap relief valve pressure [kPa (psi)]		103.4 (15)				
Circulation thermostat	Type (choke, bypass)	Choke				
	Starts to open at °C (°F)	90.6°C (195°F)				
Water pump	Type (centrifugal, other)	Centrifugal				
	GPM 1000 pump rpm	14				
	Number of pumps	One				
	Drive (V-belt, other)	V-belt				
	Bearing type	Sealed double row ball				
By-pass recirculation [type (inter,. ext.)]		Internal				
Cooling system capacity	With heater–L(qt.)	14.41(15.23)			14.96(15.81)	
	With air cond.–L(qt.)	14.88(15.73)			15.88(16.78)	
	Opt. equipment [specify–L(qt.)]	14.96(15.81),H.D.@@			--	
Water jackets full length of cyl. (yes, no)		Yes				
Water all around cylinder (yes, no)		Yes				
Radiator core	Describe (type, material, no. of rows)	Cross flow, aluminum, high efficiency radiator except LG4 AC and HD radiator and L69 AC radiator which is copper-brass				
	Std., A/C, HD	Std.	A/C or HD	A/C & HD	Std.	A/C
	Width	527.8	667.5	668.0	667.5	668.0
	Height	437.8	437.8	429.7	437.8	429.7
	Thickness	23.5	23.5	40.2	23.5	40.2
	Fins per inch @	*	*	**	4.0	**
Fan	Std., elec., opt.	Std.	Opt.		Std., Elec	
	Number of blades & type (flex, solid, material)	3, Aluminum, solid	7, Aluminum, solid		5, Plastic, solid	
	Diameter & projected width	457.2	457.2		418.0	
	Ratio (fan to crankshaft rev.)	1.08:1	.95:1		-	
	Fan cutout type	Clutch	Clutch		-	
	Drive [type (direct, remote)]	Belt	Belt		-	
	RPM at idle (elec.)	-	-		2200	
	Motor rating (wattage) (elec.)	-	-		150	
	Motor switch (type & location) (elec.)	-	-		Temp. switch, engine cyl. head	
	Switch point (temp., pressure) (elec.)	-	-		-	
	Fan shroud (material)	Plastic	Plastic		Plastic	

@ - Distance between top of fins
* - 4.0 with manual trans.
3.5 with auto. trans.
** - 4.0 with manual trans.
3.0 with auto. trans
@@ - 15.88 with A/C and H.D. radiator

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb.
Engine Code

5.0 LITER-V8 (305 CID)
TUNED PORT FUEL INJECTION
RPO LB9

Engine – Cooling System

Coolant recovery system (std., opt., n.a.)		Standard
Coolant fill location (rad., bottle)		Bottle, coolant recovery
Radiator cap relief valve pressure [kPa (psi)]		103.4 (15)
Circulation thermostat	Type (choke, bypass)	Choke
	Starts to open at °C (°F)	90.6°C (195°F)
Water pump	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	--
	Number of pumps	One
	Drive (V-belt, other)	V-belt
	Bearing type	Sealed double row ball
By-pass recirculation [type (inter., ext.)]		Internal
Cooling system capacity	With heater–L(qt.)	
	With air cond.–L(qt.)	
	Opt. equipment [specify–L(qt.)]	
Water jackets full length of cyl. (yes, no)		Yes
Water all around cylinder (yes, no)		Yes
Radiator core	Describe (type, material, no. of rows)	Cross flow, aluminum, high efficiency radiator
	Std., A/C, HD	Std.
	Width	667.5
	Height	437.8
	Thickness	34.0
	Fins per inch @	2.5
Fan	Std., elec., opt.	Std.&A/C
	Number of blades & type (flex, solid, material)	5, plastic, solid
	Diameter & projected width	423.0
	Ratio (fan to crankshaft rev.)	
	Fan cutout type	--
	Drive [type (direct, remote)]	Belt
	RPM at idle (elec.)	--
	Motor rating (wattage) (elec.)	--
	Motor switch (type & location) (elec.)	--
	Switch point (temp., pressure) (elec.)	--
	Fan shroud (material)	Plastic

@ - Distance between top of fins

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) ELECTRONIC FUEL INJECTION RPO LQ9	2.8 LITER V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Engine – Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.			Fuel Injection	
Carburetor	Mfgr.		Rochester	
	Choke (type)		None	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	"	
			"	
		Automatic	"	
			"	
Idle A/F mix.			Preset -no adjustment provided	
Fuel injection	Point of injection (no.)		Throttle body, one	Fuel Injectors at inlet ports
	Constant, pulse, flow		Pulse	
	Control (electronic, mech.)		ECM	
	System pressure [kPa (psi)]		76 (11)	
Intake manifold heat control (exhaust or water thermostatic or fixed)			Water	
Air cleaner type	Standard		Replaceable paper element, single snorkel	
	Optional		--	
Fuel pump	Type (elec. or mech.)		Electric	
	Location (eng., tank)		Fuel Tank	
	Pressure range [kPa (psi)]		83 (12)	

Fuel Tank

Capacity [refill L (gallons)]		58.7 (15.5)	58.7 (15.5)
Location (describe)		Rear center	
Attachment		Underbody strap	
Material		Steel	
Filler pipe	Location & material	Left rear quarter	
	Connection to tank	Solid solder	
Fuel line (material)		Steel	
Fuel hose (material)		Rubber	
Return line (material)		Steel	
Vapor line (material)		Steel	
Extended range tank	Opt., n.a.	Not Available	
	Capacity [L (gallons)]	"	
	Location & material	"	
	Attachment	"	
Auxiliary tank	Opt., n.a.	Not Available	
	Capacity [L (gallons)]	"	
	Location & material	"	
	Attachment	"	
	Selector switch or valve	"	
	Separate fill	"	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69 HO

Engine – Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.			Carburetor	
Carburetor	Mfgr.		Rochester Quadrajet	
	Choke (type)		Electric	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	700 RPM - Neutral --	700 RPM - Neutral --
		Automatic	500 RPM - Drive --	600 RPM - Drive --
Idle A/F mix.			Preset-no adjustment provided	
Fuel injection	Point of injection (no.)		--	
	Constant, pulse, flow		--	
	Control (electronic, mech.)		--	
	System pressure [kPa (psi)]		--	
Intake manifold heat control (exhaust or water thermostatic or fixed)			Exhaust	
Air cleaner type	Standard		Replaceable element, single snorkel	
	Optional		None	
Fuel pump	Type (elec. or mech.)		Mechanical	
	Location (eng., tank)		Lower right front of engine	
	Pressure range [kPa (psi)]		51.7-62.0 (7.5-9.0)	

Fuel Tank

Capacity [refill L (gallons)]		61.3 (16.2)
Location (describe)		Rear center
Attachment		Underbody strap
Material		Steel
Filler pipe	Location & material	Left rear quarter
	Connection to tank	Solid solder
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Extended range tank	Opt., n.a.	Not Available
	Capacity [L (gallons)]	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	"
	Capacity [L (gallons)]	"
	Location & material	"
	Attachment	"
	Selector switch or valve	"
	Separate fill	"

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code

5.0 LITER-V8 (305 CID)
(TUNED PORT FUEL INJECTION)
RPO LB9

Engine – Fuel System

(See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.			Fuel Injection
Carburetor	Mfgr.		
	Choke (type)		None
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	"
			"
		Automatic	"
			"
Idle A/F mix.			Preset-no adjustment provided
Fuel injection	Point of injection (no.)		Fuel Injection at inlet ports
	Constant, pulse, flow		Pulse
	Control (electronic, mech.)		ECM
	System pressure [kPa (psi)]		
Intake manifold heat control (exhaust or water thermostatic or fixed)			
Air cleaner type	Standard		Replaceable paper element
	Optional		--
Fuel pump	Type (elec. or mech.)		Electric
	Location (eng., tank)		Fuel Tank
	Pressure range [kPa (psi)]		

Fuel Tank

Capacity [refill L (gallons)]		58.7 (15.5)
Location (describe)		Rear center
Attachment		Underbody strap
Material		Steel
Filler pipe	Location & material	Left rear quarter
	Connection to tank	Solid solder
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Extended range tank	Opt., n.a.	Not Available
	Capacity [L (gallons)]	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	"
	Capacity [L (gallons)]	"
	Location & material	"
	Attachment	"
	Selector switch or valve	"
	Separate fill	"

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	2.5 LITER-V8 (151 CID) ELECTRONIC FUEL INJECTION RPO LQ9	2.8 LITER-V8 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Computer Command Control & EFI	
	Air Injection	Pump or pulse	Not Available	
		Driven by	"	
		Air distribution (head, manifold, etc.)	"	
		Point of entry	"	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Back Pressure Modulated Controlled Flow	Back Pressure Modulated Controlled Flow
		Exhaust source	Manifold	Manifold Exhaust Crossover
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
	Catalytic Converter	Type	Bed, Oxidizing & Reducing	Dual Bed, Ox. & Red.
		Number of	One	One
		Location(s)	Forward Beneath Underbody	Beneath RF Underbody
		Volume [L (in³)]	2.623 (160)	2.782 (170)
		Substrate type	Pellets	Monolith
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System	
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum	
	Discharges (to intake manifold, other)		Inlet Manifold	
	Air inlet (breather cap, other)		Carburetor Air Cleaner	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor	--	Canister
	Vapor storage provision		Canister	
Electronic system	Closed loop (yes/no)		Yes	
	Open loop (yes/no)		No	

Engine – Exhaust System

Type (single, single with cross-over, dual, other)		Single	Single with Dual Tailpipes
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, reverse flow	
Resonator no. & type		None	
Exhaust pipe	Branch o.d., wall thickness	"	50.8 x 1.02 (2.0 x .040)
	Main o.d., wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.02 (2.25 x .040)
	Material	Stainless Steel	Stainless Steel
Intermediate pipe	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.14 (2.25 x .045)
	Material	Aluminum coated steel	Aluminum coated steel
Tail pipe	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.14 (2.25 x .045)
	Material	Aluminum coated steel	Aluminum coated steel

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69 HO

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air Injection with Computer Command Control
	Air Injection	Pump or pulse	Vane
		Driven by	V-belt
		Air distribution (head, manifold, etc.)	Exh. Manifold & Catalytic Converter
		Point of entry	Exhaust Manifold
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse Width Modulated
		Exhaust source	Manifold Exhaust Crossover
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
	Catalytic Converter	Type	Dual Bed, Oxidizing & Reducing
		Number of	One
		Location(s)	Beneath RF Underbody
		Volume [L (in³)]	2.786 (170)
		Substrate type	Monolith
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges (to intake manifold, other)		Inlet Manifold
	Air inlet (breather cap, other)		Air Cleaner
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	Canister
	Vapor storage provision		Canister
Electronic system	Closed loop (yes/no)		Yes
	Open loop (yes/no)		No

Engine – Exhaust System

Type (single, single with cross-over, dual, other)		Single with dual tailpipes	
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, reverse flow	
Resonator no. & type		None	
Exhaust pipe	Branch o.d., wall thickness	(a)	(b)
	Main o.d., wall thickness	(a)	(b)
	Material	(See Notes)	(See Notes)
Intermediate pipe	o.d. & wall thickness	57.15 x 1.14 (2.25 x .045)	69.85 x 1.40 (2.75 x 0.05)
	Material	Aluminum coated steel	
Tail pipe	o.d. & wall thickness	57.15 x 1.14 (2.25 x .045)(c)	63.5 x 1.07 (2.5 x .04) (c)
	Material	Aluminum coated steel	

(a) Stainless steel - outer pipe 63.5 mm (2.5 in) diameter, Inner pipe 57.15 mm (2.25 in) diameter with 2.155 mm (0.08 in) air gap between pipes.
(b) Stainless steel - outer pipe 76.2 mm (3.0 in) diameter, Inner pipe 69.85 mm (2.75 in) diameter with 2.155 mm (0.08 in) air gap between pipes.
(c) Dual tailpipes.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb.
Engine Code

5.0 LITER-V8 (305 CID)
(TUNED-PORT FUEL INJECTION
RPO LB9

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air Injection with Computer Command Control
	Air Injection	Pump or pulse	Not Available
		Driven by	"
		Air distribution (head, manifold, etc.)	"
		Point of entry	"
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Back Pressure Modulated Controlled Flow
		Exhaust source	Manifold
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
	Catalytic Converter	Type	Dual Bed, Oxidizing & Reducing
		Number of	One
		Location(s)	Beneath RF Underbody
		Volume [L (in³)]	2.78 (170)
		Substrate type	Monolith
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges (to intake manifold, other)		Intake Manifold
	Air inlet (breather cap, other)		Carburetor Air Cleaner
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	--
	Vapor storage provision		Canister
Electronic system	Closed loop (yes/no)		Yes
	Open loop (yes/no)		No

Engine – Exhaust System

Type (single, single with cross-over, dual, other)		Single with dual tailpipes
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, reverse flow
Resonator no. & type		None
Exhaust pipe	Branch o.d., wall thickness	(a)
	Main o.d., wall thickness	(a)
	Material	(See Notes)
Intermediate pipe	o.d. & wall thickness	69.85 x 1.40 (2.75 x 0.05)
	Material	Aluminum coated steel
Tail pipe	o.d. & wall thickness	63.5 x 1.07 (2.25 x .04) (b)
	Material	Aluminum coated steel

(a) Stainless steel - outer pipe 75.2 mm (3.0 In) diameter, Inner pipe 69.85 mm (2.75 in) with 2.155 mm (0.08 in) air gap between pipes.
(b) Dual tailpipes.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) ____

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) (ELECTRONIC FUEL INJECTION) RPO LQ9	2.8 LITER V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.)	Not Available	
Manual 4-speed (std., opt., n.a.)	Standard	Not Available
Manual 5-speed (std., opt., n.a.)	Optional	Standard
Manual overdrive (std., opt., n.a.)	Not Available	
Automatic (std., opt., n.a.)	Not Available	
Automatic overdrive (std., opt., n.a.)	Optional	

Manual Transmission/Transaxle

Number of forward speeds		4	5	5
Transmission ratios	In first	3.50	3.76	3.50
	In second	2.48	2.18	2.14
	In third	1.66	1.42	1.36
	In fourth	1.00	1.00	1.00
	In fifth	--	0.86	0.78
	In overdrive	--	--	--
	In reverse	3.50	3.76	3.39
Synchronous meshing (specify gears)		All forward gears		
Shift lever location		Floor		
Lubricant	Capacity [L (pt.)]	Man 4-spd-1.136L(2.4 pt) of SAE-80W		
	Type recommended	SAE-80W or SAE-80W-90 GL5		
	SAE viscosity number: Summer	SAE-80W or SAE-80W-90 GL5		
	SAE viscosity number: Winter	SAE-80W or SAE-80W-90 GL5		
	SAE viscosity number: Extreme cold	SAE-80W GL5		

* Manual 5-speed - 3.25L (6.87 pts.) of Dexron TT

Clutch (Manual Transmission)

Make, type, engagement (describe)		Borg & Beck Dry disc	
Type pressure plate springs		Diaphragm	
Total spring load [N (lb.)]		6049 (1360)	5538 (1245)
No. of clutch driven discs		One	
Clutch facing	Material	Woven molded asbestos	
	Manufacturer	Borg & Beck	
	Part number	14045173	14084166
	Rivets/plate	36	32
	Rivet size	.142 dia.	--
	Outside & inside dia.	231.78 x 155.58 (9.125 x 6.125)	
	Total eff. area [cm^2 ($in.^2$)]	2318.25 (359.4)	
	Thickness	7.50-8.00 mm (.295-.315)	6.99-7.49 (.275-.295)
	Engagement cushion method	Driven plate wave spoke springs	
Release bearing	Type & method of lubrication	Ball thrust-prepacked and sealed	
Torsional damping	Method: springs, friction material	Coil springs and metal to metal friction	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69

Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.)	Not Available	
Manual 4-speed (std., opt., n.a.)	"	
Manual 5-speed (std., opt., n.a.)	Standard	
Manual overdrive (std., opt., n.a.)	Not Available	
Automatic (std., opt., n.a.)	"	
Automatic overdrive (std., opt., n.a.)	Optional	Not Available

Manual Transmission/Transaxle

Number of forward speeds			5
Transmission ratios	In first		2.95
	In second		1.94
	In third		1.34
	In fourth		1.00
	In fifth		0.73
	In overdrive		--
	In reverse		2.76
Synchronous meshing (specify gears)			All forward gears
Shift lever location			Floor
Lubricant	Capacity [L (pt.)]		3.25L
	Type recommended		Dexron II
	SAE viscosity number	Summer	"
		Winter	"
		Extreme cold	"

Clutch (Manual Transmission)

Make, type, engagement (describe)		Borg & Beck, dry disc
Type pressure plate springs		Diaphragm
Total spring load [N (lb.)]		7117 (1600)
No. of clutch driven discs		One
Clutch facing	Material	Molded asbestos
	Manufacturer	Borg & Beck
	Part number	14033032
	Rivets/plate	40
	Rivet size	5.41 x 3.63 (.213 x .143)
	Outside & inside dia.	262.6 x 165.0 (10.34 x 6.5)
	Total eff. area [cm^2($in.^2$)]	327.8 (50.8)
	Thickness	7.75 (.305)
	Engagement cushion method	Driven plate wave spoke springs
Release bearing	Type & method of lubrication	Ball thrust - prepacked and sealed
Torsional damping	Method: springs, friction material	Coil springs and metal-to-metal friction

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb.
Engine Code

5.0 LITER-V8 (305 CID)
(TUNED PORT FUEL INJECTION)
RPO LB9

Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.)	Not Available
Manual 4-speed (std., opt., n.a.)	" "
Manual 5-speed (std., opt., n.a.)	" "
Manual overdrive (std., opt., n.a.)	" "
Automatic (std., opt., n.a.)	" "
Automatic overdrive (std., opt., n.a.)	Standard

Manual Transmission/Transaxle

Number of forward speeds			Not Available
Transmission ratios	In first		" "
	In second		" "
	In third		" "
	In fourth		" "
	In fifth		" "
	In overdrive		" "
	In reverse		" "
Synchronous meshing (specify gears)			" "
Shift lever location			" "
Lubricant	Capacity [L (pt.)]		" "
	Type recommended		" "
	SAE viscosity number	Summer	" "
		Winter	" "
		Extreme cold	" "

Clutch (Manual Transmission)

Make, type, engagement (describe)		Not Available
Type pressure plate springs		" "
Total spring load [N (lb.)]		" "
No. of clutch driven discs		" "
Clutch facing	Material	" "
	Manufacturer	" "
	Part number	" "
	Rivets/plate	" "
	Rivet size	" "
	Outside & inside dia.	" "
	Total eff. area [cm^2($in.^2$)]	" "
	Thickness	" "
	Engagement cushion method	" "
Release bearing	Type & method of lubrication	" "
Torsional damping	Method: springs, friction material	" "

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) (ELECTRONIC FUEL INJECTION) RPO LQ9	2.8 LITER-V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Automatic Transmission/Transaxle

Trade name		4-speed automatic
Type and special features (describe)		4-speed with torque converter clutch
Selector	Location	On Console
	Ltr./No. designation	P-R-N- D -D-2-1
Gear ratios	R	2.29
	D	1.00
	2	1.63*
	1	3.06*
	Overdrive	0.70*
Max. upshift speed - drive range [km/h (mph)]		Not Available
Max. kickdown speed - drive range [km/h (mph)]		"
Min. overdrive speed [km/h (mph)]		"
Torque converter	Number of elements	3
	Max. ratio at stall	Not Available
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298
Lubricant	Capacity [refill L (pt.)]	4.5L (9.5 pts.)
	Type Recommended	GM Dexron II
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard, integral with radiator

*Torque converter clutch in 2nd, 3rd & 4th gears.

Axle or Front Wheel Drive Unit

Type (front, rear)			Rear
Description			Semi-floating axle, overhung hypoid driven pinion and ring gear
Limited slip differential (type)			Disc clutch
Drive pinion offset			1.75
Drive pinion (type)			Hypoid gear
No. of differential pinions			Two
Pinion / differential adjustment (shim, other)			Shim
Pinion / differential bearing adjustment (shim, other)			Collapsible spacer
Driving wheel bearing (type)			Roller bearing
Lubricant	Capacity [L (pt.)]		1.66
	Type recommended		GL5 gear lube
	SAE viscosity number	Summer	80W or 80W-90 GL-5
		Winter	80W or 80W-90 GL-5
		Extreme cold	80W GL-5

Axle or Transaxle Ratio and Tool Combinations (See 'Power Teams' for axle ratio usage.)

Axle ratio (or overall top gear ratio)		3.42	3.73
No. of teeth	Pinion	41	41
	Ring gear or gear	12	11
Ring gear o.d.		194 (7-5/8)	
Transaxle	Transfer gear ratio	--	
	Final drive ratio	--	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69

Automatic Transmission/Transaxle

Trade name		4-speed automatic
Type and special features (describe)		4-speed with torque converter clutch
Selector	Location	On console
	Ltr./No. designation	P-R-N- D -D-2-1
Gear ratios	R	2.29
	D	1.00
	2	1.63*
	1	3.06*
	Overdrive	0.70*
Max. upshift speed - drive range [km/h (mph)]		Not Available
Max. kickdown speed - drive range [km/h (mph)]		"
Min. overdrive speed [km/h (mph)]		"
Torque converter	Number of elements	3
	Max. ratio at stall	Not Available
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 (11.75)
Lubricant	Capacity [refill L (pt.)]	4.5L (9.5 pts.)
	Type Recommended	GM Dexron II
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard integral with radiator

*Torque converter clutch in 2nd, 3rd & 4th gears.

Axle or Front Wheel Drive Unit

Type (front, rear)			Rear
Description			Semi-floating axle, overhung hypoid driven pinion and ring gear
Limited slip differential (type)			Disc clutch
Drive pinion offset			1.75
Drive pinion (type)			Hypoid gear
No. of differential pinions			Two
Pinion / differential adjustment (shim, other)			Shim
Pinion / differential bearing adjustment (shim, other)			Collapsible spacer
Driving wheel bearing (type)			Roller bearing
Lubricant	Capacity [L (pt.)]		1.66
	Type recommended		GL5 gear lube
	SAE viscosity number	Summer	80W or 80W-90 GL-5
		Winter	80W or 80W-90 GL-5
		Extreme cold	80W GL-5

Axle or Transaxle Ratio and Tool Combinations (See 'Power Teams' for axle ratio usage.)

Axle ratio (or overall top gear ratio)		3.08	3.23	3.73
No. of teeth	Pinion	40	42	41
	Ring gear or gear	13	13	11
Ring gear o.d.		194 (7-5/8)		
Transaxle	Transfer gear ratio	--		
	Final drive ratio	--		

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) (TUNED PORT FUEL INJECTION) RPO LB9

Automatic Transmission/Transaxle

Trade name		4-speed automatic
Type and special features (describe)		4-speed with torque converter clutch
Selector	Location	On console
	Ltr./No. designation	P-R-N- D -D-2-1
Gear ratios	R	2.29
	D	1.00
	2	1.63*
	1	3.06*
	Overdrive	0.70*
Max. upshift speed - drive range [km/h (mph)]		Not Available
Max. kickdown speed - drive range [km/h (mph)]		"
Min. overdrive speed [km/h (mph)]		"
Torque converter	Number of elements	3
	Max. ratio at stall	Not Available
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 (11.75)
Lubricant	Capacity [refill L (pt.)]	4.5L (9.5 pts.)
	Type Recommended	GM Dexron II
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard integral with radiator

*Torque converter clutch in 2nd, 3rd & 4th gears.

Axle or Front Wheel Drive Unit

Type (front, rear)			Rear
Description			Semi-floating axle, overhung hypoid driven pinion and ring gear
Limited slip differential (type)			Disc clutch
Drive pinion offset			1.75
Drive pinion (type)			Hypoid gear
No. of differential pinions			Two
Pinion / differential adjustment (shim, other)			Shim
Pinion / differential bearing adjustment (shim, other)			Collapsible spacer
Driving wheel bearing (type)			Roller bearing
Lubricant	Capacity [L (pt.)]		1.66
	Type recommended		GL5 gear lube
	SAE viscosity number	Summer	80W or 80W-90 GL-5
		Winter	80W or 80W-90 GL-5
		Extreme cold	80W GL-5

Axle or Transaxle Ratio and Tool Combinations (See 'Power Teams' for axle ratio usage.)

Axle ratio (or overall top gear ratio)		3.23	3.42
No. of teeth	Pinion	42	41
	Ring gear or gear	13	12
Ring gear o.d.		194 (7-5/8)	
Transaxle	Transfer gear ratio		
	Final drive ratio		

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•)

Engine Description/Carb. Engine Code	2.5L-L4 151CID EFI RPO LQ9	2.8L-V6 173CID PFI RPO LB8	5.0L-V8 305CID 4-Bbl. CARB. RPO LG4	5.0L-V8 305CID 4-Bbl. CARB RPO L69	5.0L-V8 305CID RFI RPO LB9

Propeller Shaft – Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc.)			Straight Tube
Outer diam. x length* x wall thickness	Manual 3-speed trans.		Not Available
	Manual 4-speed trans.		63.5 x 1135 x 1.65 mm (2.5 x 44.7 x .065 in.)
	Manual 5-speed trans.		63.5 x 1057 x 1.65 mm (2.5 x 41.6 x .065 in.)
	Overdrive		Not Available
	Automatic transmission		63.5 x 1057 x 1.65 mm (2.5 x 41.6 x .065 in.)
Intermediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		"
Slip yoke	Type		Splined
	Number of teeth		27
	Spline o.d.		29.84 mm (1.174 in.)
Universal joints	Make and mfg. no.	Front	Saginaw size 44
		Rear	Saginaw size 44
	Number used		Two
	Type (ball and trunnion, cross)		Cross
	Rear attach (u-bolt, clamp, etc.)		Strap and bolt
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubrication (fitting, prepack)	Prepacked
Drive taken through (torque tube, arms or springs)			Torque Arm
Torque taken through (torque tube, arms or springs)			Torque Arm

* Centerline to centerline of universal joints, or to centerline of rear attachment.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Body Type And/Or Engine Displacement	2-Door Hatchback Coupe			
	L4	V6	V8	Z28

Suspension – General

Car leveling	Std./opt./n.a.	Not available
	Type (air, hyd., etc.)	Not available
	Manual/auto. controlled	Not available
Provision for brake dip control		Front suspension geometry
Provision for accl. squat control		Rear suspension geometry
Provisions for car jacking		Jacking provisions on rocker panels
Shock absorber (front & rear)	Type	Direct double-acting hydraulic (a)
	Make	Delco
	Piston diameter	54mm (2.125 in) front; 25 (1.0) rear
	Rod diameter	25mm (1.0 in)front;13.49mm(0.53)rear

(a)-Delco Bilstein rear shock absorbers on IROC-Z

Suspension – Front

Type and description		Independent w/coil springs, Modified MacPherson strut.			
Drive and torque taken through					
Travel	Full jounce	75.0 mm (2.95 in)			
	Full rebound	104.0 mm (4.09 in)			
Spring	Type (coil, leaf, other) & material	Coil			
	Insulators (type & material)	Alloy steel			
	Size (coil design height & i.d., bar length x dia.)	260 x 103.0; 2490 x 15 mm, base (10.2 x 4.06; 98 x .59 in)			
	Spring rate [N/mm (lb./in.)]	L4&V6-58.0(331.0),V8&F41-64.0(365.0),Z28-96.0(548.0)			
	Rate at wheel [N/mm (lb./in.)]	L4&V6-16.3(93.0),V8&F41-17.7(101.0),Z28-25.6(146.0)			
Stabilizer	Type (link, linkless, frameless)	Link			
	Material & bar diameter	*	*	*	Steel 32mm (1.3 in)

Suspension – Rear

Type and description		Salisbury axle w/torque arm, LCA, track bar, coil springs			
Drive and torque taken through		LCA & torque arm			
Travel	Full jounce	87.0 mm (3.4)			
	Full rebound	118.0 mm (4.6)			
Spring	Type (coil, leaf, other) & material	Coil, Alloy steel			
	Size (length x width, coil design height & i.d., bar length & dia.)	254.0 x 102.6; 2709 x 12.0 (10 x 4.03; 27.9 x .472 in)			
	Spring rate [N/mm (lb./in.)]	18.0 (103.0) all exc. Z28, Z28-23.0 (131.5)			
	Rate at wheel [N/mm (lb./in.)]	22.7 (130.0) all exc. Z28, Z28-29.0 (165.4)			
	Insulators (type & material)	Rubber isolated			
	If leaf: No. of leaves	Not Applicable			
	If leaf: Shackle (comp. or tens.)	"			
Stabilizer	Type (link, linkless, frameless)	Link			
	Material & bar diameter	**	**	**	23mm(0.9 in)***
Track bar (type)		HAT section w/rubber bushings			

* Base - steel 27 mm (1.1 in) ** F41: steel 18 mm (0.7 in)
F41 - steel 30 mm (1.2 in)

*** IROC-Z 24mm (0.9 in)

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•)

Body Type And/Or Engine Displacement	2-DOOR HATCHBACK COUPES		
	1FP87	1FS87	Z28

Brakes - Service

Description				Single caliper disc front, duo-servo drum rear
Brake type (std., opt., n.a.)	Front (disc or drum)			Disc
	Rear (disc or drum)			Drum (Rear disc optional for V8 models)
Self-adjusting (std., opt., n.a.)				Standard
Special valving	Type (proportion, delay, metering, other)			Metering and Proportioning
Power brake (std., opt., n.a.)				Standard
Booster type (remote, integral, vac., hyd., etc.)				200 mm (7.87 in) Tandem Vacuum
Vacuum source (inline, pump, etc.)				Inline (intake manifold)
Vacuum reservoir (volume in.^{3})				None
Vacuum pump-type (elec, gear driven, belt driven, if other so state)				"
Anti-skid device type (std., opt., n.a..) (F/R)				Not Available
Effective area [cm^2(in.^{2})]*				615.5 (95.42)
Gross lining area [cm^2(in.^{2})]**(F/R)				691.6 (107.22)
Swept area [cm^2(in.^{2})]***(F/R)				1985.1 (307.7)
Rotor	Outerworking diameter		F/R	267 mm (10.5 in)/ --
	Inner working diameter		F/R	171.5mm (6.75 in)/ --
	Thickness		F/R	26.2 mm (1.03 in)/ --
	Material & type (vented/solid)		F/R	Cast Iron, vented/ --
Drum	Diameter & width		F/R	--/241 mm (9.5)
	Type and material		F/R	--/Cast iron finned (aluminum drum) (b)
Wheel cylinder bore			F/R	64 mm (2.5 in) / 19 mm (0.75 in)
Master cylinder	Bore/stroke		F/R	24 mm (0.94) / 37.1 mm (1.46) disc/drum (a)
Pedal arc ratio				3.25:1
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]				--
Lining clearance			(F/R)	Self-adjusting / self-adjusting
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Riveted, 8
		Rivet size		5.33 x 7.92 (.210 x .312)
		Manufacturer		Delco Moraine
		Lining code		GM121EE
		Material		Semi-metallic
		****	Primary or out-board	125 x 48.4 x 11.04 (4.92 x 1.91 x .435)
		Size	Secondary or in-board	Same
		Shoe thickness (no lining)		Inboard (15.84 (.620); Outboard 13.97 (.550)
	Rear wheel	Bonded or riveted (rivets/seg.)		Riveted 10 primary, 12 secondary
		Manufacturer		Delco Moraine
		Lining code		Primary-GM 224FF, Secondary-GM 235FE
		Material		Asbestos
		****	Primary or out-board	192.5 x 50.8 x 4.98 (7.58 x 2.0 x 0.196)
		Size	Secondary or in-board	249.6 x 50.8 x 6.75 (9.83 x 2.0 x 0.266)
		Shoe thickness (no lining)		9.7 (0.380)

*Excludes rivet holes,grooves, chamfers, etc.

**Includes rivet holes, grooves, chamfers, etc.

***Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia.minus Square of inner Working Dia. multiplied by Pi/2 for each brake.)

****Size for drum brakes includes length x width x thickness.

(a) Optional 4-wheel disc brakes, bore 25.4 mm (1.00), stroke 37.35 mm (1.47)
(b) IROC-Z with L69 engine and manual transmission only (selectively on LG4)

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Body Type And/Or Engine Displacement	1FP87	1FS87

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P195/75R-14BW*	P205/70R-14 BW*
	Type (bias, radial, etc.)		Steel belted radials	
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	240 (35)	
		Rear [kPa (psi)]	240 (35)	
	Rev./mile–at 70 km/h (45 mph)		508	511
Wheels	Type & material		Short spoke disc, steel	Short spoke disc, steel
	Rim (size & flange type)		14 x 6	14 x 7
	Wheel offset		12.7 (.50)	8.0 (.315)
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	120.7 (4.75)	
		Number & size	5-M12 x 1.5 - 6H-thd. (metric)	
Spare	Tire and wheel (same, if other describe)		15 x 4; T125/70D15, Bias Ply, Nylon (Temporary type)	
	Storage position & location (describe)		Vertically adjacent to R.H. quarter panel	

Tires And Wheels (Optional)

Size (load range, ply)	P205/70R-14 BW, WL, WW*	P205/70R14 WS*
Type (bias, radial, etc.)	Steel belted radials	Steel belted radial
Wheel (type & material)	Short spoke disc, steel	
Rim (size, flange type and offset)	14 x 7 (8.0 (.315)	
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)	Cast aluminum wheel option	
Rim (size, flange type and offset)	14 x 7 8.0(.315)	
Size (load range, ply)		
~~Type~~ (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position	Tire-Base - T125/70D15 without positraction with 15 x 4 wheel P195/75D14 with positraction with 14 x 5 wheel	

*All seasons mud and snow, 4th generation GM TPC tires.

Brakes – Parking

Type of control		Grip handle control
Location of control		Right side of floor console
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Body Type And/Or Engine Displacement	IFP87 WITH (RPO X28)	IFP87/Z28/B4Z (IROC-Z)

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P215/65R-15WL	P245/5VR16 BW*
	Type (bias, radial, etc.)		Steel belted radials	
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	240 (35)	205 (30)
		Rear [kPa (psi)]	240 (35)	205 (30)
	Rev./mile–at 70 km/h (45 mph)		498	
Wheels	Type & material		Cast Aluminum	
	Rim (size & flange type)		15 x 7	16 x 8
	Wheel offset		8.0 (.315)	Front 0, Rear 20 (.787)
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	120.7 (4.75)	
		Number & size	5-M12 x 1.5 - 6H-thd. (metric)	
Spare	Tire and wheel (same, if other describe)		Z28-15x4'T125/70D15,Bias Ply,Nylon(Temporary type)415(60) IROC-Z-15x5;P195/75D/14,Bias Ply,Nylon (Inflatable) 240(35)	
	Storage position & location (describe)		Vertically adjacent to R.H. quarter panel	

*Directional Thread

Tires And Wheels (Optional)

Size (load range, ply)	235/60 VR-15 BW **	
Type (bias, radial, etc.)	Steel belted radial	
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position		

** Used with optional LB9 V8 only.

Brakes – Parking

Type of control		Grip handle control
Location of control		Right side of floor console
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•)

Body Type And/Or Engine Displacement	2-DOOR HATCHBACK COUPES		
	1FP87	1FS87	Z28

Steering

Manual (std., opt., n.a.)				Not Available		
Power (std., opt., n.a.)				Standard		
Adjustable steering wheel (tilt, swing, other)		Type and description		Tilt-universally jointed steering shaft at base of steering wheel - 6 position		
		(Std., opt., n.a.)		Optional		
Wheel diameter		Manual		Not Available		
		Power		368 mm (14.5 in)		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		12.02 (39.4)		
		Curb to curb (l. & r.)		11.25 (36.9)		
	Inside rear	Wall to wall (l. & r.)		Not Available		
		Curb to curb (l. & r.)		Not Available		
Scrub Radius				Not Available		
Manual	Gear	Type		Not Available		
		Make		Not Available		
		Ratios	Gear	Not Available		
			Overall	Not Available		
	No. wheel turns (stop to stop)			Not Available		
Power	Type (coaxial, linkage, etc.)			Coaxial		
	Make			Saginaw Steering Gear		
	Gear	Type		Semi-reversible recirculating ball		
		Ratios	Gear	15/13:1(a)		12.7:1(b)
			Overall	16.5/14.3(a)		14:1
	Pump (drive)			'V' belt		
	No. wheel turns (stop to stop)			2.7	3.0	2.5
Linkage	Type			Parallelogram		
	Location (front or rear of wheels, other)			Front		
	Drag links (trans. or longit.)			None		
	Tie rods (one or two)			Two		
Steering axis	Inclination at camber (deg.)			Not Available		
	Bearings (type)	Upper		Ball stud		
		Lower		Ball stud		
		Thrust		None		
Steering spindle & joint type				Steering knuckle with spherical joints		
Wheel spindle	Diameter	Inner bearing		31.73-31.74 (1.2493-1.2498)		
		Outer bearing		21.04-21.42 (0.83-0.84)		
	Thread (size)			3/4-20 UNEF-3A (modified)		
	Bearing (type)			Tapered roller		

(a) Sport Coupe with F41, Gear 14:1, Overall 15.4:1
(b) Z28 and IROC-Z Specific effort for IROC-Z
(c) Specific turn angles for IROC-Z

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•)

Body Type And/Or Engine Displacement	2-DOOR HATCHBACK COUPES		
	1FP87	1FS87	1FP87/Z28

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	+2° to +4° (a)	
		Camber (deg.)	+0.2° to +1.8°	
		Toe-in [outside track-mm (in.)]	+0.1° to +0.3°	+0.5° to +0.25°
	Service reset*	Caster	+3° +/- 0.5° (b)	
		Camber	+1° +/- 0.5°	
		Toe-in	+0.2° +/- .05°	+0.15° to +/- .05°
	Periodic M.V. inspection	Caster	+1° to 5° (c)	
		Camber	-0.5° to +2.5°	
		Toe-in	-0.1° to +0.5°	-0.15° to +.45°
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	Not Applicable	
		Toe-in [outside track-mm (in.)]	"	
	Service reset*	Camber	"	
		Toe-in	"	
	Periodic M.V. inspection	Camber	"	
		Toe-in	"	

* Indicates pre-set, adjustable, trend set or other.

(a) IROC-Z +3° +0 + 5°
(b) IROC-Z +4° +1-.5°
(c) IROC-Z +2° +0 +6°

Electrical – Instruments and Equipment

		Sport Coupe*	Z28	Berlinetta
Speedometer	Type	Round dial, pointer 0-85 mph**		Digital 0-85 mph**
	Trip odometer (std., opt., n.a.)	Optional	Standard	Digital - standard
EGR maintenance indicator		Not Available	Not Available	Not Available
Charge indicator	Type	Tell-Tale Warn. Lt.	Electric gage	Elect gage&Tell Tale
	Warning device	"	Not Available	"
Temperature indicator	Type	Tell-Tale Warn. Lt.	Electric gage	Elect gage&Tell Tale
	Warning device	"	Not Available	"
Oil pressure indicator	Type	Tell-Tale Warn. Lt.	Electric gage	Elect gage&Tell Tale
	Warning device	"	Not Available	"
Fuel indicator	Type	Electric gage with pointer		Elect gage&Tell Tale
	Warning device	Not Available		Not Available
Windshield wiper	Type (standard)	Two speed-manual control-fluidic		2-Spd-Elect Cont-Fl
	Type (optional)	Intermittent		Intermittent std
	Blade length	454 mm (18 inches)		
	Swept area [cm^2 ($in.^2$)]	5792 (898.0)		
Windshield washer	Type (standard)	Manual control		Electronic control
	Type (optional)	Not Available		Not Available
	Fluid level indicator	"		Standard
Horn	Type	Vibrator		
	Number used	One (dual optional)		Dual
Other			Tachometer std (Round dial, pointer)	Digital & bar Radiator level Tell Tale. Systems OK Tell-Tale

* Sport coupe same as Z28 when optional gage package is ordered.
** Metric conversions included.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•)

Engine Description/Carb. Engine Code	2.5 LITER-L4 (151 CID) (ELECTRONIC FUEL INJECTION) RPO LQ9	2.8 LITER V6 (173 CID) (2.8 MULTI-PORT FI) RPO LB8

Electrical – Supply System

Battery	Make	Delco Remy	
	Model, std., (opt.)	70-405(a), 75-500(b)	75-500(a), 75-630(b)
	Voltage	12 Volt	
	Amps at 0°F cold crank	405(a), 500(b)	500(a), 630(b)
	Minutes-reserve capacity	(a)75 minutes, (b)90 minutes	(a)90 minutes, (b)90 minutes
	Amp/hrs. - 20 hr. rate	--	--
	Location	Left side engine compartment	Engine compartment right front
Generator or alternator	Type and rating	(c,d,e)	66 Amp-Base, A/C 97 Amp
	Ratio (alt. crank/rev.)	(c,d,e)	
	Optional (type & rating)	None	
Regulator	Type	Micro circuit units integral with alternator	

Electrical – Starting System

Start. motor	Current drain at 0°F	270 @ - 20°F	235 @ - 20°F
Motor drive	Engagement type	Positive shift solenoid	
	Pinion engages from (front, rear)	Rear	

Electrical – Ignition System

Type	Conventional (std., opt., n.a.)		--	
	Electronic (std., opt., n.a.)		--	
	Other (specify)		High Energy Ignition (HEI)	
Coil	Make		Delco Remy	
	Model		Separate	
	Current	Engine stopped – A	0	
		Engine idling – A	5.5 max.	
Spark plug	Make		AC	
	Model		R44TSX	R42 CTS
	Thread (mm)		14	M14 x 1.25 SAE
	Tightening torque [N-m (lb., ft.)]		20 (15)	9-20 (7-15)
	Gap		1.524 (.060)	1.143 (.045)
	Number per cylinder		One	
Distributor	Make		Delco Remy	Delco Remy
	Model		1103551	

Electrical – Suppression

Locations & type	Internal alternator capacitor, non-metallic high-tension ignition cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.

(a) - Standard battery
(b) - With H.D. option UA1
(c) - 42 Amp with heater, 2.63:1 ratio
(d) - 66 Amp with heater, and heated backlite, 2.63:1 ratio
(e) - 78 Amp with A/C, 2.63:1 ratio

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69

Electrical – Supply System

Battery	Make	Delco Remy	
	Model, std., (opt.)	75-500	
	Voltage	12 Volt	
	Amps at 0°F cold crank	500	
	Minutes-reserve capacity	90 minutes	
	Amp/hrs. - 20 hr. rate	--	
	Location	Engine compartment right front	
Generator or alternator	Type and rating	42 Amp standard, 78 Amp A/C	94 Amp standard
	Ratio (alt. crank/rev.)	2.70 (non A/C), 3.09 A/C	
	Optional (type & rating)	None	
Regulator	Type	Micro circuit units integral with alternator	

Electrical – Starting System

Start. motor	Current drain at 0°F	305 @ - 20°F	390 @ - 20°F
Motor drive	Engagement type	Positive shift solenoid	
	Pinion engages from (front, rear)	Rear	

Electrical – Ignition System

Type	Conventional (std., opt., n.a.)		--
	Electronic (std., opt., n.a.)		--
	Other (specify)		High Energy Ignition (HEI)
Coil	Make		Delco Remy
	Model		Integral with Distributor
	Current	Engine stopped – A	--
		Engine idling – A	--
Spark plug	Make		AC
	Model		R44TS
	Thread (mm)		14 x 1.25 SAE
	Tightening torque [N-m (lb., ft.)]		9-20 (7-15)
	Gap		1.143 (.045)
	Number per cylinder		One
Distributor	Make		Delco Remy
	Model		1103460

Electrical – Suppression

Locations & type	Internal alternator capacitor, non-metallic high-tension ignition cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Engine Description/Carb. Engine Code	5.0 LITER-V8 (305 CID) (TUNED PORT FUEL INJECTION) RPO LB9

Electrical – Supply System

Battery	Make	Delco Remy
	Model, std., (opt.)	75-500
	Voltage	12 Volt
	Amps at 0°F cold crank	500
	Minutes-reserve capacity	90 minutes
	Amp/hrs. - 20 hr. rate	--
	Location	Engine compartment right front
Generator or alternator	Type and rating	66 Amp standard, 108 Amp A/C
	Ratio (alt. crank/rev.)	
	Optional (type & rating)	None
Regulator	Type	Micro circuit units integral with alternator

Electrical – Starting System

Start. motor	Current drain at 0°F	
Motor drive	Engagement type	Positive shift solenoid
	Pinion engages from (front, rear)	Rear

Electrical – Ignition System

Type	Conventional (std., opt., n.a.)		--
	Electronic (std., opt., n.a.)		--
	Other (specify)		High Energy Ignition (HEI)
Coil	Make		Delco Remy
	Model		Integral with Distributor
	Current	Engine stopped – A	--
		Engine idling – A	--
Spark plug	Make		AC
	Model		R43CTS
	Thread (mm)		14 x 1.25 SAE
	Tightening torque [N-m (lb., ft.)]		9-20 (7-15)
	Gap		1.14 (.045)
	Number per cylinder		One
Distributor	Make		Delco Remy
	Model		

Electrical – Suppression

Locations & type	Internal alternator capacitor, non-metallic high-tension ignition cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Body Type	2-Door Hatchback Coupes		
	1FP87	1FS87	Z28

Body – Miscellaneous Information

Type of finish (lacquer, enamel, other)		Lacquer or enamel
Hood	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Gas strut assist
	Release control (internal, external)	Internal
Trunk lid	Type (counterbalance, other)	--
	Internal release control (elec., mech., n.a.)	--
Hatch-back lid	Type (counterbalance, other)	Dual gas struts
	Internal release control (elec., mech., n.a.)	Electric release optional
Bumper front	Bar material & mass, kg (weight, lbs.)	Front end facia; urethane 4.808 (10.6)
	Reinforcement material & mass, kg (lbs.)	Front bar asm.-steel 10.864(23.9)Absorber-Polyethylene
Bumper rear	Bar material & mass, kg (weight, lbs.)	Rear end facia; urethane 3.588 (7.9) 3.005)6.6)
	Reinforcement material & mass, kg. (lbs.)	Rear bar asm. steel 6.420(14.2);Absorber-Polyethylene
Vent window control (crank, friction, pivot, power)	Front	Not Available 2.699 (5.6)
	Rear	Not Available
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Molded foam pad
	Rear	Molded foam pad
	3rd seat	--
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Molded foam pad
	Rear	Molded foam pad
	3rd seat	--
Vehicle identification no. location		Top left hand side of instrument panel pad - visible from outside vehicle

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Full integral body frame, includes bolted on front suspension crossmember.

Glass

Backlight slope angle (deg.)	H121	71.0°
Windshield slope angle (deg.)	H122	62.0°
Tumble-Home (deg.)	W122	31.5°
Windshield glass exposed surface area [cm^2($in.^2$)]	S1	9000.4 (1395.0)
Side glass exposed surface area [cm^2($in.^2$)] - total 2-sides	S2	6519.8 (1010.6)
Backlight glass exposed surface area [cm^2($in.^2$)]	S3	6232.0 (966.0)
Total glass exposed surface area [cm^2($in.^2$)]	S4	21752.2 (3371.6)
Windshield glass (type)		Curved-Laminated Plate
Side glass (type)		Curved-Tempered Plate
Backlight glass (type)		Curved-Tempered Plate

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Body Type	2-Door Hatchback Coupes		
	1FP87	1FS87	Z28

Restraint System

Active restraint system	Standard/optional	Standard
	Type and description	3-point shoulder/lap belts - front; lap belts-rear
	Location	2-front, 2-rear
Passive seat belts	Standard/optional	Not available
	Power/manual	--
	2 or 3 point	--
	Knee bar/lap belt	--

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Body Type	2-Door Hatchback Coupes		
	1FP87	1FS87	Z28

Convenience Equipment (standard, optional, n.a.)

Air conditioning (manual, auto. temp control)		Optional-Manual control sport coupe and Z28, Electronic control Berlinetta.		
Clock (digital, analog)		Optional-Analog sport coupe, standard Z28 (a)		
Compass / thermometer		Not Available		
Console (floor, overhead)		Floor standard, overhead opt. 1FP87 & Z28, standard 1FS87.		
Defroster, elec. backlight		Optional		
Electronic	Diagnostic warning (integrated, individual)	Not Available		
	Instrument cluster (list instruments)	Not Available	spedo,odo,tach.	Not Available
	Keyless entry	Not Available		
	Tripminder (avg. spd., fuel)	"	"	
	Voice alert (list items)	"	"	
	Other	"	"	
		--		
Fuel door lock (remote, key, electric)		Not Available		
Lamps	Auto head on / off delay, dimming	"	"	
	Cornering	Not Available		
	Courtesy (map, reading)	Optional-Sport coupe and Z28, standard Berlinetta		
	Door lock, ignition	Not Available		
	Engine compartment	Optional		
	Fog	Not Available		
	Glove compartment	Standard (compartment in floor console)		
	Trunk	Optional		
	Other	Not Available		
		--		
Mirrors	Day/night (auto. man.)	Standard (manual)		
	L.H. (remote, power, heated)	Man.Std.Remote/pwr.opt./Remote std., Power opt.		
	R. H. (convex, remote, power, heated)	Manual std., Power opt.		
	Visor vanity (RH / LH, illuminated)	Not Available		
Parking brake-auto release (warning light)		Hand release, warning light standard		
Power equipment	Door locks / deck lid - specify	Optional - Electric, doorlocks and rear hatch release.		
	Seat (2-4-6 way) heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass) memory (1-2 preset, recline)	Optional 6-way power driver's seat Standard-Reclining both seats		
	Side windows	Optional		
	Vent windows	Not Available		
	Rear window	Not Available		
		--		
Radio systems	Antenna (location, whip, w/shield, power)	R.F. fender fixed mast with radio, power optional.		
	AM, FM, stero, tape, CB	Optional	AM/FM stereo std.	Optional
	Speaker (number, location) Premium sound	Four-Two in instrument panel, two in roof sail panel.		
Roof open air/fixed (flip-up, sliding, "T")		"T" type, optional		
Speed control device		Cruise control, optional		
Speed warning device (light, buzzer,etc.)		Not available		
Tachometer (rpm)		Optional	Standard	
Theft protection-type		Lock mounted on steering column-locks str./wheel, trans. shift levers and ignition.		

(a) Berlinetta, digital in radio standard, optional other models.

MVMA Specifications Form
Passenger Car

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	2-Door Hatchback Coupes	
		1FP87	1FS87
Width			
Tread (front)	W101	1541 (60.7)	1525 (60.0)
Tread (rear)	W102	1564 (61.6)	1548 (60.9)
Vehicle width	W103	1850 (72.8)	
Body width at Sg RP (front)	W117	1830 (72.0)	
Vehicle width (front doors open)	W120	3939 (155.1)	
Vehicle width (rear doors open)	W121	--	
Length			
Wheelbase	L101	2566 (101.0)	
Vehicle length	L103	4777 (188.0)	
Overhang (front)	L104	1086 (42.7)	
Overhang (rear)	L105	1125 (44.3)	
Upper structure length	L123	2669 (105.1)	
Rear wheel C/L "X" coordinate	L127	2138 (84.2)	
Cowl point "X" coordinate	L125	108 (4.3)	
Height **			
Passenger distribution (frt./rear)	PD1,2,3	**	
Trunk/cargo load		**	
Vehicle height	H101	1271 (50.0)	
Cowl point to ground	H114	898 (35.3)	
Deck point to ground	H138	915 (36.0)	
Rocker panel-front to ground	H112	193 (7.6)	
Bottom of door closed-front to grd.	H133	357 (14.0)	
Rocker panel-rear to ground	H111	193 (7.6)	
Bottom of door closed-rear to grd.	H135	--	
Ground Clearance **			
Front bumper to ground	H102	283 (11.2)	
Rear bumper to ground	H104	317 (12.5)	
Bumper to ground [front at curb mass (wt.)]	H103	304 (12.0)	
Bumper to ground [rear at curb mass (wt.)]	H105	334 (13.2)	
Angle of approach (degrees)	H106	16.5°	
Angle of departure (degrees)	H107	18.6°	
Ramp breakover angle (degrees)	H147	12.9°	
Rear axle differential to ground	H153	172 (6.8)	171 (6.7)
Min. running ground clearance	H156	121 (4.8)	
Location of min. run. grd. clear.		Front crossmember	

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.

** *All Vehicle Height And Ground Clearances Are Made Using EPA Loaded Vehicle Weight, Loading Conditions.*

EPA LOADED VEHICLE WEIGHT Is The Base Vehicle Weight Plus All Coolant And Fluids Necessary For Operation Plus 100% Of The Fuel Capacity, Plus The Weight Of All Options And Accessories Which Weigh Three Pounds Or More And Which Are Sold On At Lesst 33% Of The Car Line, Plus Two Occupants.

MVMA Specifications Form
Passenger Car

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	2-Door Hatchback Coupes	
		1FP87 with (RPO Z28)	1FS87/Z28/B4Z (IROC-Z)
Width			
Tread (front)	W101	1525 (60.0)	1541 (60.7)
Tread (rear)	W102	1548 (60.9)	1539 (60.6)
Vehicle width	W103	1850 (72.8)	
Body width at Sg RP (front)	W117	1830 (72.0)	
Vehicle width (front doors open)	W120	3939 (155.1)	
Vehicle width (rear doors open)	W121	--	
Length			
Wheelbase	L101	2566 (101.0)	
Vehicle length	L103	4877 (192.0)	
Overhang (front)	L104	1178 (46.4)	
Overhang (rear)	L105	1133 (44.6)	
Upper structure length	L123	2669 (105.1)	
Rear wheel C/L "X" coordinate	L127	2138 (84.2)	
Cowl point "X" coordinate	L125	108 (4.3)	
Height **			
Passenger distribution (frt./rear)	PD1,2,3	**	
Trunk/cargo load		**	
Vehicle height	H101	1279 (50.3)	
Cowl point to ground	H114	904 (35.6)	
Deck point to ground	H138	918 (36.1)	
Rocker panel-front to ground	H112	201 (7.9)	
Bottom of door closed-front to grd.	H133	364 (14.3)	
Rocker panel-rear to ground	H111	197 (7.8)	
Bottom of door closed-rear to grd.	H135	--	
Ground Clearance **			
Front bumper to ground	H102	347 (13.7)	
Rear bumper to ground	H104	329 (13.0)	
Bumper to ground [front at curb mass (wt.)]	H103	359 (14.1)	
Bumper to ground [rear at curb mass (wt.)]	H105	344 (13.5)	
Angle of approach (degrees)	H106	12.2°	
Angle of departure (degrees)	H107	18.8°	
Ramp breakover angle (degrees)	H147	13.4°	
Rear axle differential to ground	H153	182 (7.2)	
Min. running ground clearance	H156	128 (5.1)	
Location of min. run. grd. clear.		Front crossmember	

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.

** *All Vehicle Height And Ground Clearances Are Made Using EPA Loaded Vehicle Weight, Loading Conditions.*

EPA LOADED VEHICLE WEIGHT Is The Base Vehicle Weight Plus All Coolant And Fluids Necessary For Operation Plus 100% Of The Fuel Capacity, Plus The Weight Of All Options And Accessories Which Weigh Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

MVMA Specifications Form
Passenger Car

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Body Type	**SAE Ref. No.**	2-Door Hatchback Coupes		
		1FP87	1FS87	Z28

Front Compartment

	Sg RP front, "X" coordinate	L31	1050 (41.3)		
	Effective head room	H61	940 (37.0)		
	Max. eff. leg room (accelerator)	L34	1092 (43.0)		
	Sg RP (front to heel)	H30	181 (7.1)		
	Design H-point front travel	L17	192 (7.6)		
	Shoulder room	W3	1460 (57.5)	1468 (57.8)	1460 (57.5)
	Hip room	W5	1430 (56.3)	1436 (56.5)	1430 (56.3)
**	Upper body opening to ground	H50			
	Steering wheel angle	H18	18.0°		
	Back angle	L40	26.5°		

Rear Compartment

	Sg RP Point couple distance	L50	668 (26.3)		
	Effective head room	H63	905 (35.6)		
	Min. effective leg room	L51	733 (28.9)		
	Sg RP (second to heel)	H31	183 (7.2)		
	Knee clearance	L48	-15 (-0.6)		
	Compartment room	L3	582 (22.9)		
	Shoulder room	W4	1430 (56.3)		
	Hip room	W6	1087 (42.8)		
**	Upper body opening to ground	H51			
	Back angle	L41	28.0°		

Luggage Compartment

	Usable luggage capacity [L (cu. ft.)]	V1	--		
**	Liftover height	H195	881 (34.7)		883 (34.8)

Interior Volumes (EPA Classification)

Vehicle class		Sub-Compact
Interior volume index (cu. ft.)		84.9
Trunk/cargo index (cu. ft.)		12.4

All linear dimensions are in millimeters (inches).

** *EPA Loaded Vehicle Weight, Loading Conditions*

All Interior Dimensions Are Measured With The Seating Reference Point (SgRP)____mm (1 Seat Adjuster Notch) Forward Of Rearmost Seat Position.

MVMA Specifications Form
Passenger Car

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-Door Hatchback Coupes		
		1FP87	1FS87	Z28

Station Wagon – Third Seat

Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	Not
Effective head room	H86	Applicable
Effective T-point head room	H89	
Seat facing direction	SD1	
Back angle	L88	

Station Wagon – Cargo Space

Cargo length (open front)	L200	
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	Not
Cargo width (wheelhouse)	W201	Applicable
Rear opening width at floor	W203	
Opening width at belt	W204	
Max. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Tailgate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index [m^3($ft.^3$)]	V2	
Hidden cargo volume [m^3($ft.^3$)]	V4	
Cargo volume, index-rear of 2-seat	V10	

Hatchback – Cargo Space

Front seat back to load floor height	H197	355 (14.0)	294 (11.6)	355 (14.0)
Cargo length at front seat back height	L208	895 (35.2)	891 (35.1)	895 (35.2)
Cargo length at floor (front)	L209	1556 (61.3)		
Cargo volume index [m^3($ft.^3$)]	V3	879 (31.0)	771 (27.2)	879 (31.0)
Hidden cargo volume [m^3($ft.^3$)]	V4	--		
Cargo volume index-rear of 2-seat	V11	350 (12.4)		

Aerodynamics*

Wheel lip to ground, front	Not
Wheel lip to ground, rear	Available
Frontal area [m^2(ft^2)]	
Drag coefficient (Cd)	

* Describe measurement method.

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•)

Body Type	2-Door Hatchback Coupes		
	1FP87	1FS87	Z28

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location
Front		X - Fiducial mark to vertical base grid line - front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt. Y - Fiducial mark to centerline of car - front, width measurement made from centerline car to fiducial mark located on top of the front seat adjuster mounting bolt. Z - Fiducial mark to horizontal base grid line - front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.
Rear		X - Fiducial mark to vertical base grid line - rear, measured horizontally from the base grid line to rear fiducial mark located on the rail (compartment pan - longitudinal). Y - Fiducial mark to centerline of car - rear, width measurement made from centerline of car to fiducial mark located on the rail (comparment pan - longitudinal). Z - Fiducial mark to horizontal base grid line - rear, measured vertically from base grid line to the rear fiducial mark located on rail (compartment pan - longitudinal).

	Fiducial Mark Number		
	W21	540 (21.3)	
	L54	688 (27.1) *	
Front	H81	-32 (- 1.3) #	
	H161	296 (11.7)	
**	H163	277 (10.9)	284 (11.2)
	W22	548 (21.6)	
	L55	2815 (110.8) *	
Rear	H82	96 (3.8) #	
	H162	417 (16.4)	
**	H164	400 (15.7)	407 (16.0)

* Vertical Base Grid 2000 mm line.
\# Horizontal Base Grid 500 mm line.

* Reference – SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks – September, 1973.
All linear dimensions are in millimeters (inches).

** *EPA Loaded Vehicle Weight, Loading Conditions*

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Body Type	SAE Ref. No.	2-Door Hatchback Coupes		
		1FP87	1FS87	Z28

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	641 (25.2)	
		Lowest	641 (25.2)	
	Taillamp (H128)	Highest**	776 (30.5)	
		Lowest	776 (30.5)	
	Sidemarker	Front	511 (20.1)	
		Rear	706 (27.8)	
Distance from C/L of car to center of bulb	Headlamp	Inside	487.5 (19.2)	
		Outside**	667.5 (26.3)	
	Taillamp	Inside	--	
		Outside**	610.5 (24.0)	
	Directional	Front	574.5 (22.6) except Z28	585.5 (23.0)
		Rear	481.0 (18.9)	
Headlamp shape			Rectangular	

* Measured at curb mass (weight).
** If single lamps are used enter here.

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) 9-84

Vehicle Mass (weight)

Model	CURB MASS, kg. (weight, lb.)*			% PASS. MASS DISTRIBUTION				SHIPPING MASS, kg (weight, lb.)**
				Pass In Front		Pass In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
Standard								
2-Door Hatchback Coupe 1FP87	706.8 (1558)	600.0 (1323)	1306.8 (2881)					1270.4 (2801)
Berlinetta								
2-Door Hatchback Coupe 1FS87	755.4 (1665)	631.0 (1391)	1386.4 (3056)					1350.0 (2976)
Z28								
2-Door Hatchback Coupe 1FP87 w/Z28	845.2 (1863)	629.4 (1388)	1474.6 (3251)					1438.2 (3171)
IROC-Z								
2-Door Hatchback Coupe 1FP87 W/Z28/B4Z	863.4 (1903)	642.1 (1416)	1505.5 (3319)					1469.1 (3239)

Curb Weight - The calculated weight of a vehicle with standard equipment only as designed with the additional load of oil, lubes, coolants, and fuel all filled to capacity.

Shipping Weight - Same as base curb weight, except 3 gallons of gasoline.

* Reference – SAE J1100a, Motor vehicle dimensions, curb weight definition.
** Shipping mass (weight) definition –

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Equipment	Optional Equipment Differential Mass (weight)* MASS, kg. (weight, lb.) Front	Rear	Total	Remarks
Power Seat, 6-Way,	2.2	2.8	5.0	All models
(Driver's side only)	(4.8)	(6.2)	(11.0)	(merchandising option for RPO-AC3)
RPO-AG9				
Power Door Locks -	.8	1.0	1.8	All models
Electric. RPO-AU3	(1.8)	(2.2)	(4.0)	
Power Windows - Electric	1.2	1.0	2.2	All models
RPO-A31	(2.6)	(2.2)	(4.8)	
Lock Release-Liftback	.2	.4	.6	All models
Electric. RPO-A90	(0.4)	(0.9)	(1.3)	
Acoustical Insulation	3.0	7.2	10.2	
Package	(6.6)	(15.9)	(22.5)	Optional Sport Coupe & Z28,
-Forced w/B18 Custom				Base equipment on Berlinetta
(except Z28).				
-Includes U29 Courtesy				
Lights RPO-BS1				
Molding Roof Drip-Black	.2	.2	.4	All models
(Not available with	(0.4)	(0.4)	(0.9)	
RPO-CC1 Removable				
Hatch Roof Panels)				
RPO-BX5				
IROC-Z Package				Optional-Z28 only
RPO-B4Z				
Mats, Front Floor -	.8	.4	1.2	All models
Colored-Keyed Carpet	(1.8)	(0.9)	(2.7)	
RPO-B34				
Mats, Rear Floor -	.2	.6	.8	All models
Colored-Keyed carpet	(0.4)	(1.3)	(1.8)	
RPO-B35				
Deluxe Luggage	-.2	2.0	1.8	Optional Sport Coupe & Z28
Compartment Trim	(-0.4)	(4.4)	(4.0)	Base equipment on Berlinetta
RPO-B48				
Moldings-Body Side-Black	.2	.4	.6	All models
RPO-B84	(0.4)	(0.9)	(1.3)	
Moldings - Door Edge	.2	0	.2	All models
Guards - Black	(0.4)	(0)	(0.4)	
RPO-B93				

*Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Optional Equipment Differential Mass (weight)*

Equipment	MASS, kg. (weight, lb.) Front	Rear	Total	Remarks
Roof-Removable Hatch	5.8	9.6	15.4	All models, includes storage
Panels-Glass RPO-CC1	(12.8)	(21.2)	(34.0)	bag and attaching hardware.
Windshield washer and	.2	0	.2	Optional Sport Coupe & Z28,
Wiper (Pulse System)	(0.4)	(0)	(0.4)	Base equipment on Berlinetta
RPO-CD4				
Rear Window Washer	- .6	3.2	2.6	All models
and wiper. RPO-C25	(-1.3)	(7.0)	(5.7)	
Defogger-Rear Window	0	.6	.6	All models
(Electric) RPO-C49	(0)	(1.3)	(1.3)	
Air Conditioning	24.0	1.8	25.8	With RPO-LQ9 & LB8 engines.
(Manual Control)RPO-C60	(52.9)	(4.0)	(56.9)	Sport Coupe
	25.7	1.8	27.5	With RPO-LG4 & L69 & LB9 engines.
	(56.7)	(4.0)	(60.7)	Sport Coupe
Air Conditioning	29.0	2.2	31.2	Optional Berlinetta only.
(Electronic Control)	(63.9)	(4.8)	(68.7)	
RPO-C67				
Sport Mirrors - Electric	1.2	.4	1.6	All models
Remote Control-R.H.&L.H.	(2.6)	(0.9)	(3.5)	
-Controls on L.H. Door				
Panel. RPO-DG7				
Roof Console	.6	.2	.8	Optional Sport Coupe & Z28,
(Requires RPO-B18 or BS1.)	(1.3)	(0.4)	(1.8)	Base equipment on Berlinetta.
RPO-DK6				
Mirrors-Outside R/V	1.4	.4	1.8	Optional Sport Coupe
Sport (L.H. Remote,	(3.1)	(0.9)	(4.0)	Base equipment on Berlinetta & Z28
R.H. Manual.) RPO-D35				
Rear Compartment	- .4	3.0	2.6	All models
Cargo Area Cover	(-0.9)	(6.6)	(5.7)	
RPO-D42				
Spoiler-Rear Deck Lid	- .6	2.4	1.8	Optional Sport Coupe & Berlinetta
(3-piece) RPO-D80	(-1.3)	(5.3)	(4.0)	Base on Z28

*Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Optional Equipment Differential Mass (weight)*

Equipment	MASS, kg. (weight, lb.)			Remarks
	Front	Rear	Total	
Sport Suspension	5.0	5.4	10.4	Optional Sport Coupe
(Includes-Larger Diameter	(11.0)	(11.9)	(22.9)	Requires ZJ7 Rallywheels,
Front Stabilizer Bar,				P205/70R-14 WL Tires
Added Rear Stabilizer				
Bar, Specific				
Steering Gear.)				
RPO-F41				
Power 4-Wheel Disc	0	7.0	7.0	All models
Brakes. (Requires V8	(0)	(15.4)	(15.4)	
Engine)				
RPO-J65				
Cruise Control-Three Mode	2.8	0	2.8	All models
with Resume Feature.	(6.2)	(0)	(6.2)	
(Available on Manual or				
Automatic Transmissions.)				
RPO-K34				
2.8 Liter V6 (173 CID)	32.0	.8	32.8	Optional Sport Coupe
RPO-LB8	(70.5)	(1.8)	(72.3)	Base equipment on Berlinetta
5.0 Liter V8 (305 CID)	120.8	2.6	123.4	Optional Z28 only
RPO-LB9	(266.3)	(5.7)	(272.0)	
5.0 Liter V8 (305 CID)	107.2	2.2	109.4	Optional Sport Coupe & base for Z28
RPO-LG4	(236.3)	(4.8)	(241.2)	
	73.0	1.6	74.6	Optional Berlinetta
	(160.9)	(3.5)	(164.5)	
5.0 Liter V8 (305 CID)	104.2	2.2	106.4	Optional IROC-Z only
High Output Engine	(229.7)	(4.8)	(234.5)	
RPO-L69				
5-Speed Manual	-5.6	-2.0	- 7.6	
Transmission	(-12.3)	(- 4.4)	(-16.7)	
RPO-MM5				

*Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Equipment	Optional Equipment Differential Mass (weight)*			
	MASS, kg. (weight, lb.)			Remarks
	Front	Rear	Total	
Automatic Transmission	5.8	2.0	7.8	With LQ9 L-4 engine
With Overdrive (700-R4)	(12.8)	(4.4)	(17.2)	
RPO-MX0				
	5.8	2.0	7.8	With LB8-V6 engine, Sport Coupe
	(12.8)	(4.4)	(17.2)	
	12.0	4.0	16.0	With LB8-V6 engine, Berlinetta
	(26.4)	(8.8)	(35.3)	
	12.0	4.2	16.2	With LG4-V8 engine, Sport Coupe
	(26.4)	(9.2)	(35.7)	& Z28.
	17.6	6.0	23.6	With LG4-V8 engine, Berlinetta
	(38.8)	(13.2)	(52.0)	
	12.0	4.2	16.2	With LB9 & L69 V8 Engine, Z28 only.
	(26.4)	(9.2)	(35.7)	
Steering Column-Tilt	.8	.4	1.2	All models
RPO-N33	(1.8)	(0.9)	(2.7)	
Wheels-Aluminum	1.4	1.4	2.8	Optional Sport Coupe,
RPO-N90	(3.1)	(3.1)	(6.2)	
	-2.0	-2.0	-4.0	Berlinetta
	(-4.4)	(-4.4)	(-8.8)	
Covers-Wheel Trim	.6	.6	1.2	Sport Coupe only
RPO-P01	(1.3)	(1.3)	(2.7)	
Lamp Group-Auxillary	0	.4	.4	All models
Includes:	(0)	(0.9)	(0.9)	
-Buzzer, Headlamp on Warning RPO-T63				
-Rear Compartment Light RPO-U25				
-Underhood Light RPO-U26				
-Dome/Map Reading Lamp RPO-C95				
Package Number RPO-TR9				
Battery-Heavy Duty	2.8	- .4	2.4	
RPO-UA1	(6.2)	(-0.9)	(5.3)	

*Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg. (weight, lb.)			
	Front	Rear	Total	
Horns-Dual	.6	- .2	.4	Optional Sport Coupe & Z28,
RPO-U05	(1.3)	(-0.4)	(0.9)	Base Equipment on Berlinetta
Radio, ETR, AM/FM	3.4	.2	3.6	Berlinetta only
Stereo Cassette Tape,	(7.5)	(0.4)	(7.9)	
Graphic Equalizer and				
Digital Clock.				
RPO-UT4				
Clock Quartz Electric	.6	.2	.8	Optional Sport Coupe, base
Analog (Not Available	(1.3)	(0.4)	(1.8)	equipment on Z28 Coupe
with RPO-UL1 & UU7)				
RPO-U35				
Radio AM Pushbutton	1.2	.2	1.4	Optional Sport Coupe and Z28
(Consists of RPO-U73	(2.7)	(0.4)	(3.1)	Coupe
Mast Antenna).				
RPO-U63				
Radio AM/FM Pushbutton	2.4	.6	3.0	Optional Sport Coupe & Z28 Coupe
(Consists of RPO-U73	(5.3)	(1.3)	(6.6)	
Mast Antenna and RPO-UP7)				
RPO-U69				
Antenna-Fixed Mast	.4	0	.4	All models
(Includes RPO-UN9	(0.9)	(0)	(0.9)	
Radio Suppression)				
RPO-U73				
Antenna-Power	1.4	.2	1.6	All models
(Consists of RPO-UN9	(3.1)	(0.4)	(3.5)	
Radio Suppression				
Equipment requires				
Radio) RPO-U75				
Speakers-Auxilliary	0	1.2	1.2	Optional Sport Coupe & Z28 Coupe
Dual Rear (Requires	(0)	(2.7)	(2.7)	
RPO-UP7 Used only with				
RPO-U63 or U69 Radio)				
RPO-U81				

*Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

Optional Equipment Differential Mass (weight)*

Equipment	MASS, kg. (weight, lb.) Front	Rear	Total	Remarks
Cooling-Heavy Duty RPO-V08	.6 (1.3)	0 (0)	.6 (1.3)	All models, without RPO-C60
	.6 (1.3)	0 (0)	.6 (1.3)	All models with RPO-C60
Extended Range Sound System, AM/FM Stereo ETR Radio, with Clock. (Includes RPO-UP8, U73, U79, UL1, VE8) RPO-YE1	6.2 (13.2)	4.8 (10.6)	11.0 (24.3)	Optional Sport Coupe & Z28 Coupe
Extended Range Sound System, AM/FM Stereo ETR Radio-Cassette, with Clock and Graphic Equalizer. (Includes RPO-VE8, UU6, UP8, U73, U79) RPO-YE2	6.0 (13.2)	4.6 (10.1)	10.6 (23.3)	Optional Sport Coupe & Z28 Coupe
Extended Range Sound System, AM/FM Stereo ETR Radio-Cassette, with Clock. (Includes RPO-UE8, UP8, U79, U73, UU7) RPO-YE4	6.2 (13.7)	4.2 (9.3)	10.4 (23.0)	Optional Sport Coupe & Z28 Coupe
Extended Range Sound System AM/FM Stereo ETR Radio, No Clock (Includes RPO-UP8, UU9, U73, U79.) RPO-YF1	3.8 (8.4)	3.8 (8.4)	7.6 (16.8)	Optional Sport Coupe & Z28 Coupe
Wheels - Rally (With Caps & Rings RPO-ZJ7	3.4 (7.5)	3.4 (7.5)	6.8 (15.0)	Optional Sport Coupe.
Special Export Package RPO-ZK3	2.4 (5.3)	5.8 (12.8)	8.2 (18.1)	Optional-Z28 only

*Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO
Model Year 1985 Issued 7-84 Revised (•) _____

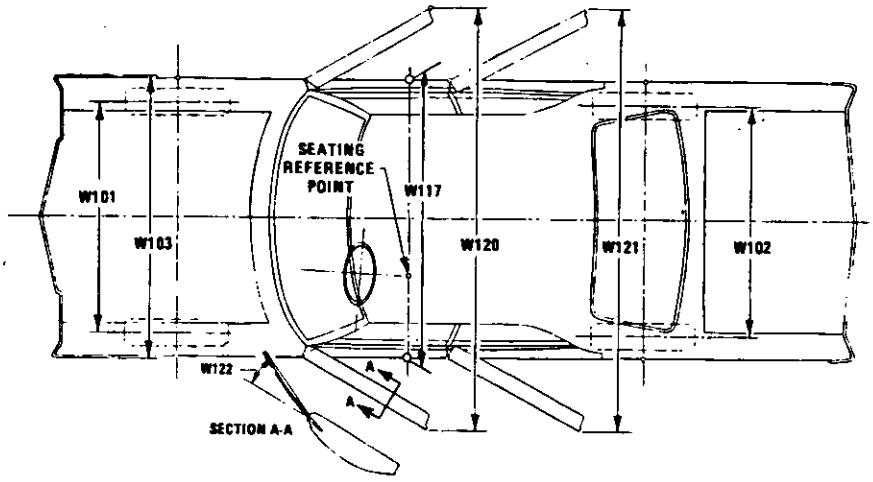
Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg. (weight, lb.)			
	Front	Rear	Total	
Special Performance	32.4	- .8	31.6	Z28 model option applied to 1FP87.
Package	(71.4)	(-1.8)	(69.6)	Used with RPO-LG4 engine
Includes:				
-Special Suspension	28.4	- .8	27.6	Used with RPO-LB9 engine
-Sport Mirrors RPO-D35	(62.6)	(-1.8)	(60.8)	
-Gauge Package w/Tach				
-Rear Spoiler RPO-D80				
-P215/65R-15 WL Tire RPO-QYH				
-Quartz Clock RPO-U35				
-Leather Wrapped Steering Wheel RPO-NK3				
-Tail Lamp Assembly with Black Accent RPO-T93				
-Z28 Emblems RPO-B94				
-Sport Stripe Decals RPO-D88				
-Lower Body Dam Extension Moldings				
-Special Front & Rear Facias				
-Visor Vanity Mirror Unlighted-RH RPO-D34				
-Aluminum Wheels-15 in. RPO-N90. RPO-Z28				

*Also see Engine - General Section for dressed engine mass (weight).

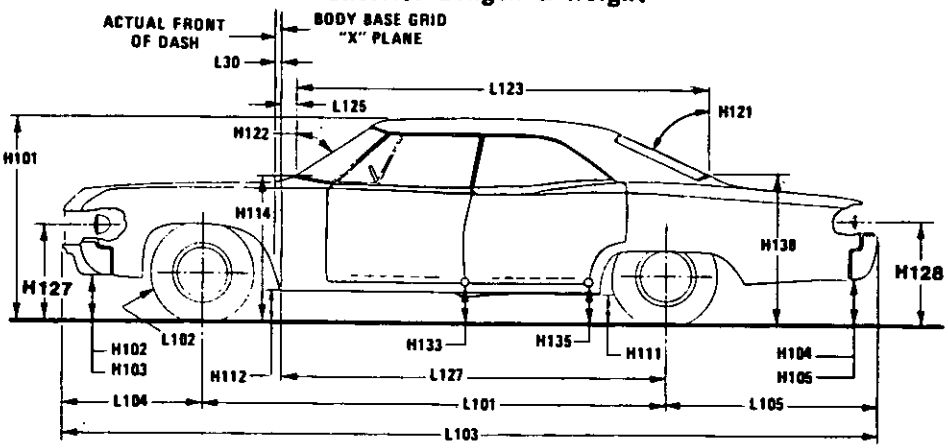
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

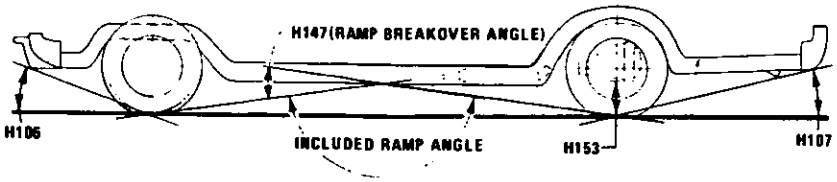
Exterior Width



Exterior Length & Height



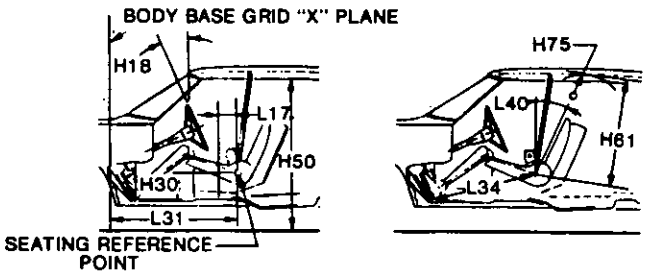
Exterior Ground Clearance



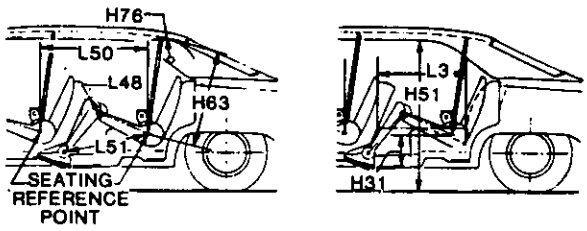
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

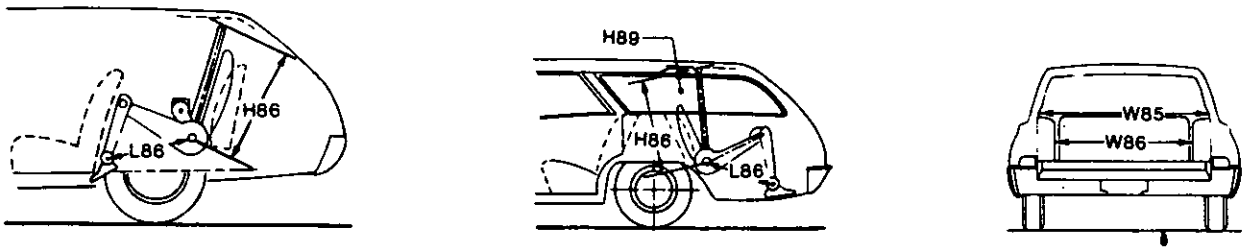
Front Compartment



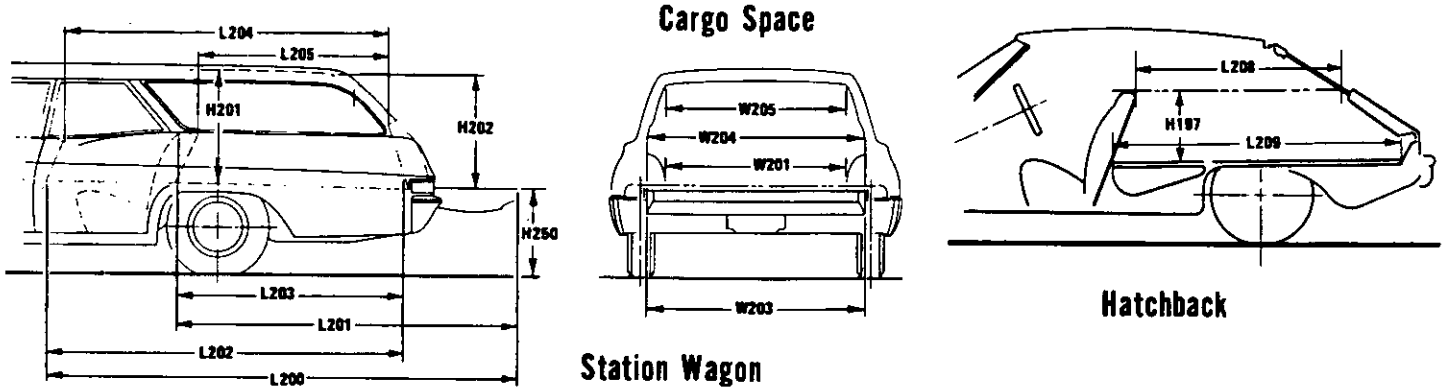
Rear Compartment



Third Seat



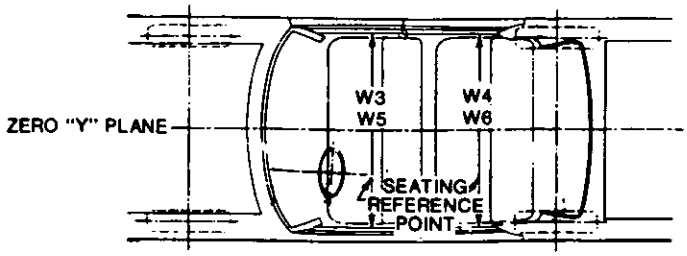
Cargo Space



Station Wagon

Hatchback

Interior Width



MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet
Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which –

(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;

(b) Has coordinates established relative to the design vehicle structure;

(c) Simulates the position of the pivot center of the human torso and thigh; and

(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

Width Dimensions

W101 TREAD–FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD–REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP–FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH–FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH–REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open positions. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

Length Dimensions

L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane.

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L102 TIRE SIZE. As specified by the manufacturer.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHANG–FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG–REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.

L125 COWL POINT "X" COORDINATE.

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H138 DECK POINT TO GROUND. Measured at zero "Y" plane.

H112 ROCKER PANEL–FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.

H132 BOTTOM OF DOOR OPEN–FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H111 ROCKER PANEL–REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.

H134 BOTTOM OF DOOR OPEN–REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H135 BOTTOM OF DOOR CLOSED–REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.

H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.

H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield are running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.

H127 HEADLAMP TO GROUND–CURB MASS (WT.). The dimension measured vertically from the centerline of the lowest headlamp lens to ground.

H128 TAILLAMP TO GROUND–CURB MASS (WT.). The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

H103 FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet
Dimensions Definitions

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.

H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.

H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

Front Compartment Dimensions

PD1 PASSENGER DISTRIBUTION–FRONT.

L31 SgRP–FRONT "X" COORDINATED.

H61 EFFECTIVE HEAD ROOM–FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP–front to the headlining plus 102 mm (4.0 in.).

H75 EFFECTIVE T-POINT HEAD ROOM–FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).

L34 MAXIMUM EFFECTIVE LEG ROOM–ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP–front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.

H30 SgRP–FRONT TO HEEL. The dimension measured vertically from the SgRP–front to the accelerator heel point.

L17 DESIGN H-POINT–FRONT TRAVEL. The dimension measured horizontally between the design H-point–front in the foremost and rearmost seat trace positions.

W3 SHOULDER ROOM–FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP–front within the belt line and 254 mm (10.0 in.) above the SgRP–front.

W5 HIP ROOM–FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP–front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP–front and 76 mm (3.0 in.) fore and aft the SgRP–front.

H50 UPPER BODY OPENING TO GROUND–FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP–front "X" plane.

H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
BACK ANGLE–FRONT. The angle measured between a vertical line through the SgRP–front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufactuer.

L40 BACK ANGLE–FRONT. The angle measured between a vertical line through the SgRP–front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

Rear Compartment Dimensions

PD2 PASSENGER DISTRIBUTION–SECOND.

L50 SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP–front to the SgRP–second.

H63 EFFECTIVE HEAD ROOM–SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).

H76 EFFECTIVE T-POINT HEAD ROOM–SECOND. Measured in the same manner as H75.

L51 MINIMUM EFFECTIVE LEG ROOM–SECOND. The dimension measured along a line from the ankle pivot center to the SgRP–second plus 254 mm (10.0 in.).

H31 SgRP–SECOND TO HEEL. The dimension measured vertically from the SgRP–second to the two dimensional device heel point on the depressed floor covering.

L48 KNEE CLEARANCE–SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).

L3 COMPARTMENT ROOM–SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.

W4 SHOULDER ROOM–SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP–second within 254-406 mm (10.0-16.0 in.) above the SgRP–second.

W6 HIP ROOM–SECOND. Measured in the same manner as W5.

H51 UPPER BODY OPENING TO GROUND–SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP–second.

L-41 Same as L-40.

Luggage Compartment Dimensions

V1 USABLE LUGGAGE CAPACITY–Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The interior volume index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity. The interior volume index is an estimate of the size of the passenger compartment.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks, it is an estimate of the space behind the second seat.

Station Wagon – Third Seat Dimensions

PD3 PASSENGER DIRECTION–THIRD.

W85 SHOULDER ROOM–THIRD. Measured in the same manner as W5.

W86 HIP ROOM–THIRD. Measured in the same manner as W5.

L86 EFFECTIVE LEG ROOM–THIRD. The dimension measured along a line from the ankle pivot center to the SgRP–third plus 254 mm (10.0 in.).

H86 EFFECTIVE HEAD ROOM–THIRD. The dimension, measured along a line 8 deg. from the SgRP–third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H89 EFFECTIVE T-POINT HEAD ROOM–THIRD. Measured in the same manner as H75.

L-88 Same as L-40.

Station Wagon – Cargo Space Dimensions

L200 CARGO LENGTH–OPEN–FRONT. The minimum dimension measured longitudinally from the back of the front

Station wagon – Cargo Space Dimensions (con't.)

seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L201 CARGO LENGTH–OPEN–SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH–CLOSED–FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 CARGO LENGTH–CLOSED–SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 CARGO LENGTH AT BELT–FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab back panel at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT–SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

W201 CARGO WIDTH–WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear door opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND (CURB MASS WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

V2 STATION WAGON
Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft.^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

V10 STATION WAGON (REAR OF SECOND SEAT)
Measured in inches:

$$\frac{W4 \times H201 \times L205}{1728} = ft.^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L205}{10^9} = \text{liters}$$

Hatchback – Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electrically adjusted seats, see the manufacturer's specifications for Design "H" Point).

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The vertical dimension from the horizontal tangent to top of seatback to undepressed floor covering at zero "Y" plane.

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR–FRONT–HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT–HATCHBACK. The horizontal dimension from the "X" plane tangent to rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "Y" plane.

L211 CARGO LENGTH AT FLOOR–HATCHBACK–SECOND. The horizontal dimension at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

V3 HATCHBACK.
Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = ft.^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

V11 HATCHBACK (REAR OF SECOND SEAT)
Measured in inches:

$$\frac{W4 \times H198 \times \frac{L210 + L211}{2}}{1728} = ft.^3$$

Measured in mm:

$$\frac{W4 \times H198 \times \frac{L210 + L211}{2}}{10^9} = \text{litres}$$

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Index

MVMA Specifications Form
Passenger Car

METRIC (U.S. Customary)

SUPPLEMENTAL PAGE

Car Line _____

Model Year _____ Issued _____ Revised (•) _____