# 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 Revised October 1984

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

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

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#### 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.
- Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

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#### **Car Models**

Model Description Introduction FWD/RWD Date		Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designa Seating Positi (Front/Real	ons	Max. Trunk/Cargo Load-Kilograms (Pounds)	
REAR WHEEL DRIVE CAMARO		MODEL NUMBER	FRONT	/REAR		
Sport Coupe						
2-Door Sport Co	upe	1FP87	2	2	45.4 (100.1)	
Berlinetta						
2-Door Sport Co	upe	1FS87	2	2	45.4 <u>(</u> 100.1)	
Model Option						
Z28						
2-Door Sport Co	upe	1FP87 w/Z28	2	2	45.4 (100.1)	
IROC-Z						
2-Door Sport Co	upe	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.

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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.

			ENGINE			E		DF	RIVE RA	TIOS	:1)
SERIES AVAILABILITY	Displ. Liters (in <sup>3</sup> )	Carb (Barrels, FI, etc.)	Compr. Ratio	SAE Ne	Torque N - m (lb. ft.)	în a u s t√D S/D	TRANSMISSION TRANSAXLE	Base #	XLE RA Overal	\T10	Overal
1FP00-A11 States-Base (Except Z28)	L4 2.5L (151 CID) LQ9	EFI *	9.0:1		132 @ 2800	S	Man. 5-Spd. 3.76 Low-Base Auto '700-R4' Avail		2.68		
IFP00-All States-Avail IFS00-All States-Base (Except Z28)	V6 2.8L (173 C1D) LB8	MFI **	8.9:1	135 @ 5100	165 @ 3600	S	Man. 5-Spd. 4.03 Low/Base Auto '700-R4' Avail		2.60		
IFP & IFSOO Avail-All States IFP with Z28-Base	V8 5.OL (305 CID) LG4	4-Bb1	9.5:1	155 @ 4200	245 @ 2000		2.95 Low/Base with Z28		2.16		
Z28-Avail with IROC @ option only. All States	V8 5.0L (305 CID) L69 H.O.	4-Bb1	9.5:1	190 @ 4800	240 @ 3200	D	Base-IROC(B4Z)	L	2.35		
Avail All States Z28/IROC	V8 5.0L (305 CID) LB9	TP1 ***	9.5:1	215 @ 4400	275 @ 3200	D	Auto '700-R4' Avail. Z28 Auto '700-R4' Avail.1R0C(B4Z		2.26	3,42\$	2.39
# - 194mm (7.5 @ - Available * - Electron ** - Multi-Po ** - Tuned-Po \$ - Optional + - Not avai % - 3.42 Opt	with IRO ic Fuel rt Fuel rt Fuel Axle Ra lable w	C opti Inject Inject Inject Inject Itio	on on ion. ion. ion. ion.	slip a	xle.		ıly.				

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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,		In Line	60°V
transverse, longitudinat, soho ohv, hemi, wedge, pre-camb		Front	
		Longitudinal	
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 / I to c / I)		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 (cm³)		45.62 (2.78)	
Head gasket thickness (compressed)		.97 (.03819)	.838 (.033)
Minimum combustion chamber total volume (cm³)		70.82 (4.32)	63.41734 (3.86927)@
Cyl. no. system (front to rear)* L. Bank		1-2-3-4	1-3-5
			2-4-6
Firing order		1-3-4-2	1-2-3-4-5-6
Recommended fuel (leaded, unleaded, diesel)		Unleaded	
Fuel antiknock index (R -	+ M) 2	87	
Total dressed engine mass (	wt) dry**	152.4(336.0) Auto., 166.3(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 – Cemshaft			
Location		Right side of block	In block above crankshaft
Material & mass kg (weight, I	<u></u>	Cast iron/3.546 (7.82)	Cast iron/3.098 (6.83)
Drive type C	hain / belt	Gear	Chain
w	/idth / pitch		

<sup>\*</sup> Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

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

<sup>\*\*</sup> Dressed engine mass (weight) includes the following:

<sup>0-</sup>Piston at TDC, spark plug and valves in place, and cylinder head torqued to specifications.

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Engine Description/Carb.

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 flat, location, front, mid, re transverse, longitudinal, s ohv, hemi, wedge, pre-ca	ear, ohc. dohc.	90°V Front Longitudinal				
No. of cylinders		8				
Bore		94.89 (3.74)				
Stroke		88.39 (3.48)				
Bore spacing (c / I to c / I)		111.8 (4.40)				
Cylinder block material		Cast Iron				
Cylinder block deck heigh	t	229.2 (9.025)				
Deck clearance (minimum (above or below block)	n)	.635 (.025) below				
Cylinder head material		Cast Iron				
Cylinder head volume (cri	13)	Not Applicable				
Head gasket thickness (compressed)		.533 (.021)				
Minimum combustion cha total volume (cm³)	mber	Not Available				
Cyl. no. system L. Bank		1-3-5-7				
(front to rear)*	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	R + M) 2	87				
Total dressed engine mas	s (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 – Camsha	lt					
Location		In block above crankshaft				
Material & mass kg (weigh	nt, (bs.)	Cast Iron 3.969 (8.75)				
Drive type	Chain / belt	Chain				
	Width / pitch	15.976 (.625)/.5				

<sup>\*</sup> Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

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

<sup>\*\*</sup> Dressed engine mass (weight) includes the following:

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**METRIC (U.S. Customary)** 

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 cytinders		8
Bore		94.89 (3.74)
Stroke		88.39 (3.48)
Bore spacing (c / I	to c / I)	111.8 (4.40)
Cylinder block mat	erial	Cast Iron
Cylinder block deci	k height	229.2 (9.025)
Deck clearance (m (above or below ble		.635 (.025) below
Cylinder head mate	erial	Cast Iron
Cylinder head volu	me (cm³)	Not Applicable
Head gasket thickness (compressed)		.533 (.021)
Minimum combusti total volume (cm³)	on chamber	Not Available
Cyl. no. system	L. Bank	1-3-5-7
(front to rear)*	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
Recommended fue (leaded, unleaded,		Unleaded
Fuel antiknock inde	2 (R + M)	87
Total dressed engir	ne mass (wt) dry**	243.0 (535.7)
Engine – Pist	ons	
Material & mass, g (weight, oz.) - piston only		Aluminum/.502 (17.7)
Engine – Can	nshaft	
Location		In block above crankshaft
Material & mass kg	(weight, lbs.)	Cast Iron/3.856 (8.5)
Drive type	Chain / belt	Chain
	Width / pitch	

<sup>\*</sup> Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

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

<sup>\*\*</sup> Dressed engine mass (weight) includes the following:

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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

Valves Number intake / exhaust 4/4 6/6	
Valves [Head 0.2] [Hea	
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	SAE 1037 or 1038 Steel
Engine – Crankshaft	.620.9 (1.4)	1.399 (0.9)
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	Туре	
	Opening pressure [kPa (psi)]	APPLICABLE
Pre-chamber	design	
Fuel in-	Manufacturer	
jection pump	Туре	
Fuel injection	pump drive (belt, chain, gear)	
Supplementar	y vacuum source (type)	
Fuel heater (y	es/no)	
Water separar (std., opt.)	tor, description	
Turbo manufa	cturer	
Oil cooler-type oil to ambient	e (oil to engine coolant; air)	
Oil filter	- <del></del>	

#### Engine - Intake System

Turbo charger - manufacturer	NOT		
Super charger - manufacturer	APPLICABLE	<del></del> :	
Charge cooler			

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Engine De Engine Co	scription/Carb. ide	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 lif	iters (std., opt., NA)	Standard	
	Number intake / exhaust	8/8	
Valves	Head O.D. intake / exhaust	46.74(1.84/38.10(1.50)	
Engine -	- Connecting Rods		
Material & r	πass [kg., (weight, lbs.)]	SAE 1037 or 1038 Steel/.604.4	47(1.333)@
Engine -	– Crankshaft		
Material & r	mass [kg., (weight, lbs.)]	Nodular Cast Iron/23.360(51.	50)
End thrust t	aken by bearing (no.)	5	
Number of	main bearings	5	
Engine -	- Lubrication System		
Normal oil p	pressure [kPa (psi) at engine rpm]	345-448 (50-65) @ 2000	
Type oil inta	ake (floating, stationary)	Stationary	
Oil filter sys	tem (full flow, part, other)	Full flow	
	· - · · · · · · · · · · · · · · · · · ·	4.5 (5.0)	
Capacity of	c/case, less filter-refill-L (qt.)	4.5 (5.0)	
	c/care, less filter-refill-L (qt.)  - Diesel Information	4.5 (5.0)	· · · · · · · · · · · · · · · · · · ·
Engine -	•	4.5 (3.0)	
<b>Engine</b> Diesel engi	- Diesel Information	NOT	
Engine - Diesel engi Glow plug, Injector	- Diesel Information	NOT	
Engine Diesel engi Glow plug, Injector nozzle	Diesel Information ne manufacturer current drain at 0°F  Type Opening pressure [kPa (psi)]		
Engine Diesel engi Glow plug, Injector nozzle	Diesel Information ne manufacturer current drain at 0°F  Type Opening pressure [kPa (psi)]	NOT	
Engine - Diesel engi Glow plug, Injector nozzle Pre-chambo	- Diesel Information  ne manufacturer current drain at 0°F  Type Opening pressure [kPa (psi)] er design Manufacturer	NOT	
Engine - Diesel engi Glow plug, Injector	- Diesel Information  ne manufacturer current drain at 0°F  Type Opening pressure [kPa (psi)] er design Manufacturer	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambe Fuel in- jection pum	- Diesel Information  ne manufacturer  current drain at 0°F  Type  Opening pressure [kPa (psi)]  er design  Manufacturer	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambe Fuel injection	- Diesel Information  ne manufacturer  current drain at 0°F  Type  Opening pressure [kPa (psi)]  er design  Manufacturer  P Type	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambe Fuel injection	Diesel Information  ne manufacturer current drain at 0°F  Type Opening pressure [kPa (psi)] er design  Manufacturer Type on pump drive (belt, chain, gear) tary vacuum source (type)	NOT	
Engine  Diesel engi Glow plug, Injector nozzle  Pre-chambe  Fuel in- ection pum  Fuel injectic  Supplement  Fuel heater  Water sepa	Diesel Information  ne manufacturer current drain at 0°F  Type Opening pressure [kPa (psi)] er design  Manufacturer Type on pump drive (belt, chain, gear) tary vacuum source (type)	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambe Fuel in- ection pum Fuel injectic Supplement	- Diesel Information  ne manufacturer  current drain at 0°F  Type Opening pressure [kPa (psi)]  er design  Manufacturer  Type on pump drive (belt, chain, gear)  tary vacuum source (type)  (yes/no)  rator, description	NOT	
Engine Diesel engi Glow plug, Injector nozzle Pre-chambo Fuel injectic Supplement Fuel heater Water sepa (std., opt.) Turbo manu	Diesel Information  Type Opening pressure [kPa (psi)]  Type Opening pressure [kPa (psi)]  Type Type Type Type Type Type Type Typ	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambo Fuel injection pum Fuel injection Supplement Fuel heater Water sepa (std., opt.) Turbo manu	Diesel Information  Type Opening pressure [kPa (psi)]  Type Opening pressure [kPa (psi)]  Type Type Type Type Type Type Type Typ	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambo Fuel injection pum Fuel injection Supplement Fuel heater Water sepa (std., opt.) Turbo manu Oil cooler-tyoil to ambie Oil filter	Diesel Information  Type Opening pressure [kPa (psi)]  Type Opening pressure [kPa (psi)]  Annufacturer  Type Type Type Type On pump drive (belt, chain, gear)  tary vacuum source (type) (yes/no)  rator, description  affacturer  rpe (oil to engine coolant;  nt air)	NOT	
Engine Diesel engi Glow plug, Injector nozzle Pre-chambe Fuel in- ection pum Fuel injection Supplement Fuel heater Water sepa (std., opt.) Turbo manu Oil cooler-ty oil to ambie Oil filter Engine	Diesel Information  Type Opening pressure [kPa (psi)]  Type Opening pressure [kPa (psi)]  Type Type Type Type Type Type Type Typ	NOT	
Engine - Diesel engi Glow plug, injector nozzle Pre-chambe Fuel injection Fuel injection Supplement Fuel heater Water sepa (std., opt.) Turbo manu Oil cooler-ty oil to ambie Dil filter  Engine - Turbo charg	Diesel Information  The manufacturer  Current drain at 0°F  Type  Opening pressure [kPa (psi)]  Opening pressure [kPa (psi)]  Opening pressure [kPa (psi)]  Type  Manufacturer  Type  Type	NOT APPLICABLE	

@ - Includes rod, cap, bolts and nuts

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Engine	Code

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

Engine -	Valve	System
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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.)] Stee1/.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	ĺ
Glow plug, current drain at 0°F		NOT
Injector nozzle	Туре	
	Opening pressure (kPa (psi))	APPLICABLE
Pre-chamber	design	
Fuel in-	Manufacturer	
jection pump	Туре	
Fuel injection	pump drive (belt, chain, gear)	
Supplementa	ry vacuum source (type)	
Fuel heater (y	yes/no)	
Water separa (std., opt.)	tor, description	
Turbo manufa	ecturer	
Oil cooler-type oil to ambient	e (oil to engine coolant; air)	
Oil filter	·	

### Engine – Intake System

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

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

Engine -	Cooling System			_			
Coolant reco	overy system (std., opt., n.a.)	Standard					
Coolant fill to	ocation (rad., bottle)	Bottle,	coolan	it r	recovery		
Radiator cap	relief valve pressure [kPa (psi)]	103.4 (	T5)		<u>-</u>		
Circulation	Type (choke, bypass)	Bypass		_			
thermostat	Starts to open at °C (°F)		95°F)			<del></del>	<del></del>
	Type (centrifugal, other)	Centrif	ugaT				<del></del>
Water	GPM 1000 pump rpm	6					<u>, , , , , , , , , , , , , , , , , , , </u>
pump	Number of pumps	0ne				<del></del>	
	Drive (V-belt, other)	V-belt					
	Bearing type	Sealed	ball-ro	Пe	r		
By-pass reci	rculation [type (inter,. ext.)]	External [Internal					
Cooling	With heater-L(qt.)	8.65(9.	14)Auto	,8.	79(9.29)Man	11.67(12.3)Au	to.1177(12.4)Man
system capacity	With air condL(qt.)	8.67(9.	16)Auto	8.	.81(9.31)Man		to, 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 jacket	s full length of cyl. (yes, no)	Yes H.D.Radiator					
Water all arc	ound cylinder (yes, no)	Yes					
	Describe (type, material, no. of rows)		· <del></del>				
	no. ot rows)	Cross flow, alumimum, high efficiency radiator					
Radiator	Std., A/C, HD	Std.	A/C		H.D.	Std.	A/C and H.D.
core	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 (d	4.0	4.0		*_	3.5	2.5
	Std., elec., opt.	Std. Opt.			nd Opt.		
	Number of blades & type	[4, Colu	mbium,		Aluminum,	5, Plasi	tic
	(flex, solid, material)	solid		solid		solid	
	Diameter & projected width		15.0)		\ ' /	16.0) 423.0 (16.7)	
	Ratio (fan to crankshaft rev.)	]1.16:1			ot Available	Not available	
Fan	Fan cutout type	None			utch	None	
	Drive [type (direct, remote)]	Belt		Ве	elt	Belt	
	RPM at idle (elec.)	<u>l </u>		-	•	-	
	Motor rating (wattage) (elec.)	. =		_			
	Motor switch (type & location) (elec.)	-		_	•		
	Switch point (temp., pressure) (elec.)	-				-	
	Fan shroud (material)	<u>Plastic</u>	<u> </u>	P1	astic	Pla	astic

<sup>@ -</sup> Distance between top of fins

<sup>\*</sup> - 3.0 with manual trans.

<sup>3.5</sup> with auto. trans.

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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 reco	overy system (std., opt., n.a.)	Standard						
Coolant fill k	ocation (rad., bottle)	Bottle, coolant recovery						
Radiator ca	p relief valve pressure [kPa (psi)]	103.4 (15)						-
Circulation	Type (choke, bypass)	Choke				-	······································	-
thermostat	Starts to open at *C (*F)	90.6°C (195°F)						
	Type (centrifugal, other)	Centri	Fuga 1	•				-
Water	GPM 1000 pump rpm	14						•
pump	Number of pumps	One						
	Drive (V-belt, other)	V-belt						
	Bearing type	Sealed	doub le	row	ball			•
By-pass recirculation [type (inter,. ext.)]		Internal					-	
Cooling With heater-L(qt.)		14,41(	15.23)			14.96(15.81)		•
system capacity	With air condL(qt.)	14.88(15.73)				15.88(16.78)		•
Opt. equipment [specify-L(qt.)]		14.96(15.81),H.D.@@			10			
Water jacke	ts full length of cyl. (yes, no)	Yes						
Water all and	ound cylinder (yes, no)	Yes						
	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-brase					4 	
Radiator	Std., A/C, HD	Std.	A/C c	r HD	A/C & HD	Std.	A/C	. ass
core	Width			.5	668.0	667.5	668.0	•
	Height	437.8	437		429.7	437.8	429.7	-
	Thickness	23.5		.5	40.2	23.5	40.2	•
	Fins per inch (d	*	7		**	4.0	**	•
	Std., elec., opt.	Std.			Opt.	Std.	. Elec	•
	Number of blades & type (flex, solid, material)	3, Aluminum,		7, Aluminum, solid		•		•
	Diameter & projected width	457.2		457.2		5, Plastic, solid		•
	Ratio (fan to crankshaft rev.)	1.08:1		İ		418.0		•
Fan	Fan cutout type	Clutch		.95:1 Clutch		<del></del>		•
1 (41)	Drive [type (direct, remote)]	Belt		Bel		-		•
	RPM at idle (elec.)	-			<u> </u>	220	<u> </u>	
	Motor rating (wattage) (elec.)					15		•
	Motor switch (type & location) (elec.)						engine cyl. he	53d
	Switch point (temp., pressure) (elec.)					Trend- Switch	Enfine (A)	zau
	Fan shroud (material)	Plastic		Pla	stic		stic	•
						<u> </u>	<u> </u>	

<sup>@ -</sup> Distance between top of fins

<sup>\* - 4.0</sup> with manual trans.

<sup>3.5</sup> with auto. trans.

<sup>\*\* - 4.0</sup> with manual trans.

<sup>3.0</sup> with auto. trans

<sup>00 - 15.88</sup> with A/C and H.D. radiator

 Car Line
 CAMARO

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 Revised (e)

**METRIC (U.S. Customary)** 

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

Doclant reco	very system (std., cpt., n.s.)	Standard
Coolant fill location (rad., bottle) Radiator cap relief valve pressure (kPa (pai))		Bottle, coolant recovery
		103.4 (15)
Circulation	Type (choke, bypass)	Choke
<b>Trempetat</b>	Starts to open at °C (°F)	90.6°C (195°F)
	Type (centrifugel, other)	Centrifugal
Mater	GPM 1000 pump rpm	
pump	Number of pumps	One
	Drive (V-belt, other)	V-belt
	Bearing type	Sealed double row ball
By-pass reci	cutation [type (inter,: ext.)]	Internal
Cooling	With heater-L(qL)	
system capacity	With air condL(qL)	
——————————————————————————————————————	Opt. equipment [specify-L(qt.)]	
Water jacket	full length of cyl. (yes, no)	Yes
Water all arc	und cylinder (yes, no)	Yes
	Describe (type, material, no. of rows)	Cross flow, aluminum, high efficiency radiator
Recistor	Std., A/C, HD	Std.
0010	Width	667.5
	Height	437.8
•	Thickness	34,0
	Fine per inch (0	2.5
	Std., elec., apt.	Std.&A/C
	Number of blades & type (flex, solid, material)	5, plastic, solid
	Diameter & projected width	423.0
	Ratio (fan to cranksheft rev.)	
Fan	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

<sup>@ -</sup> Distance between top of fins

METRIC (U.S. Customary)

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

Induction ty injection sys	rpe: carburetor, fuel stem, etc.		Fuel Injection			
Mfgr.			Rochester			
Choke (type)		-	None			
Carbure-	Idle spdrpm Manual		"			
tor	(spec. neutral		11			
or drive and propane if Automatic used)		Automatic	n .			
			и			
Idle A/F mix		<u> </u>	Preset -no adjustment p	rovided		
	Point of injection	n (na.)	Throttle body, one	Fuel Injectors at inlet ports		
Fuel	Constant, pulse	, flow	Pulse	Liver injectors at infet ports		
injection	Control (electro	nic, mech.)	ECM			
	System pressur	re [kPa (psi)]	76 (11)			
Intake mani or water the	ifold heat control (e ermostatic or fixed)	xhaust	Water			
Air cleaner	Standard		Replaceable paper element, single snorkel			
type	Optional		reprocedute paper etement, single shorker			
Fuel	Type (elec. or m	ech.)	Electric			
bump Location (eng., tank)		tank)	Fuel Tank			
	Pressure range	[kPa (psi)]	83 (12)			
				······································		
			58.7 (15.5)	58 7 (15 5)		
Capacity [re	fill L (gallons)]		58.7 (15.5) Rear center	58.7 (15.5)		
Capacity [re	efill L (gallons)]		Rear center	58.7 (15.5)		
Capacity [re Location (de Attachment	efill L (gallons)]		Rear center Underbody strap	58.7 (15.5)		
Capacity [re Location (de Attachment Material	efill L (gallons)]	erial	Rear center Underbody strap Steel	58.7 (15.5)		
Capacity [re Location (de Attachment Material	ofill L (gallons)]		Rear center Underbody strap Steel Left rear quarter	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe	escribe)  Location & mate Connection to ta		Rear center Underbody strap Steel	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma	Location & mate Connection to ta		Rear center Underbody strap Steel Left rear quarter Solid solder	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (ma	Location & mate Connection to ta atterial)		Rear center Underbody strap Steel Left rear quarter Solid solder Steel	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m	Location & material)  material)		Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (ma Vapor line (ma)	Location & material)  material)		Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (n Vapor line (n Extended range	Location & mate Connection to ta aterial) material) material)	ank	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler Sippe Fuel line (ma Fuel hose (m Return line (n Vapor line (n Extended ange	Location & material) material) Opt., n.a.	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler Sippe Fuel line (ma Fuel hose (m Return line (n Vapor line (n Extended ange	Location & material) material) Opt., n.a. Capacity [L (gallons)]	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Steel Not Available	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (n Vapor line (n Extended hange	Location & material) material) material) Opt., n.a. Capacity [L (gall Location & mate	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (n Vapor line (n Extended range tank	Location & material)  Capacity [L (gallons)]  Describe)  Location & material  Connection to talerial)  material)  Opt., n.a.  Capacity [L (gallons)]	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (n Vapor line (n Extended range tank  Auxiliary tank	Location & material)  Capacity [L (gallons)]  atterial)  material)  Opt., n.a.  Capacity [L (gallons)]	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available  Not Available	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (n Extended range tank  Auxiliary	Location & material)  Copacity [L (gall  Location & material)  material)  Opt., n.a.  Capacity [L (gall  Capacity [L (gall	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available " " " Not Available "	58.7 (15.5)		
Capacity [re Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (n Return line (n Vapor line (n Extended range tank	Location & material)  Opt., n.a.  Capacity [L (gall  Location & material)  Capacity (L (gall  Location & material)  Location & material  Opt., n.a.  Capacity (L (gall  Location & material)  Opt., n.a.	ions)] mal	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available " " Not Available " "	58.7 (15.5)		

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

**METRIC (U.S. Customary)** 

Engine Description/Carb. Engine Code 5.0 LITER-V8 (305 CID)
4-BBL. CARBURETOR
4-BBL. CARBURETOR
RPO LG4
RPO LG9 HO

Induction type: carburator, fuel injection system, etc.			Carburetor		
Mfgr.			Rochester Quadrajet		
	Choke (type)		flectric	······································	
Carbure-	Idle spdrpm	Manual	700 RPM - Neutral	700 000	
tor	(spec. neutral or drive and			700 RPM - Neutral	
	propane if	Automatic	500 RPM - Drive	500 000	
	used)			600 RPM - Drive	
ldle A/F mix.		<u> </u>	Preset-no adjustment	nun ann de de de	
	Point of injection	n (no.)		<del>Provided</del>	
Fuel	Constant, pulse	, flow		<del>-</del>	
injection	Control (electro	nic, mech.)			
	System pressur	e [kPa (psi)]		<del></del>	
Intake mani or water the	fold heat control (ex ermostatic or fixed)	xhaust	Exhaust		
Air cleaner	Standard	· -	Replaceable element, single snorkel		
type	Opțional		None None		
Fuel	Type (elec. or m	ech.)	Mechanical		
bnwb	Location (eng., t	tank)	Lower right front of e	engine	
	Pressure range	[kPa (psi)]	51.7-62.0 (7.5-9.0)	ang me	
Fuel Tan	<del></del> -		61.3 (16.2)		
Capacity [refill L (gallons)]			E UI-3 LID.ZI		
				<u> </u>	
Location (de	scribe)		Rear center		
Location (de Attachment	scribe)		Rear center Underbody strap		
Location (de Attachment Material	scribe)	rial	Rear center Underbody strap Steel		
Location (de Attachment Material	escribe)		Rear center Underbody strap Steel Left rear quarter		
Location (de Attachment Material Filler pipe	Location & mate		Rear center Underbody strap Steel Left rear quarter Solid solder		
Location (de Attachment Material Filler pipe Fuel line (ma	Location & mate  Connection to ta		Rear center Underbody strap Steel Left rear quarter Solid solder Steel		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m	Location & mate Connection to ta sterial)		Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r	Location & material)  Location & material)  material)		Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (m Vapor line (m	Location & material)  Location & material)  material)		Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (m Vapor line (m	Location & mate Connection to ta aterial) material) material) material)	ink	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r Vapor line (m	Location & mater Connection to ta sterial) material) material) material) Opt., n.a.	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Steel Not Available		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r Vapor line (m	Location & material) material) material) Opt., n.a. Capacity [L (galle	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Steel Not Available		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r Vapor line (m	Location & material) material) material) material) Capacity [L (galle Location & mate	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available "		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (m Vapor line (m Extended ange ank	Location & material) material) material) material) Opt., n.a. Capacity [L (galle Location & material)	ons)}	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available "		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r Vapor line (m Extended range lank	Location & mater Connection to ta sterial) material) material) material) Opt., n.a. Capacity [L (gallation & mater Attachment Opt., n.a.	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available "		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r Vapor line (m Extended range tank	Location & material) material) material) material) Opt., n.a. Capacity [L (gallet Attachment) Opt., n.a. Capacity [L (gallet Attachment) Opt., n.a. Capacity [L (gallet Attachment)	ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available """ """ """ """		
Location (de Attachment Material Filler pipe Fuel line (ma Fuel hose (m Return line (r Vapor line (m Extended range lank	Location & material) material) material) Opt., n.a. Capacity [L (galletachment Opt., n.a.	ons)] rial ons)]	Rear center Underbody strap Steel Left rear quarter Solid solder Steel Rubber Steel Steel Not Available """"""""""""""""""""""""""""""""""""		

**METRIC (U.S. Customary)** 

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

Induction typinjection sys	pe: carburetor, fuel tem, etc.		Fuel Injection
	Mfgr.		T de l'angeouton
	Choke (type)	-	None
Carbure-	Idle spdrpm	Manual	10
tor	(spec. neutral		0
	or drive and propane if	Automatic	10
	used)		11
Idle A/F mix.	<del></del>		Preset-no adjustment provided
	Point of injection	n (no.)	Fuel Injection at inlet ports
Fuel	Constant, pulse		Pulse
injection	Control (electro	<u> </u>	ECM
	System pressur	<del></del>	<u> </u>
tataka mani	old heat control (e	<del></del>	
or water the	mostatic or fixed)	xnaust	
Air cleaner	Standard		Replaceable paper element
type	Optional		••
Fuel	Type (elec. or m	ech.)	Electric
pump	Location (eng.,	tank)	Fuel Tank
	Pressure range	[kPa (psi)]	
Fuel Tan	k		
Capacity [ref	ill L (gallons)]		58.7 (15.5)
Location (de	scribe)		Rear center
Attachment			Underbody strap
Material			Steel
Filler	Location & mate	rial	Left rear quarter
pipe	Connection to ta	ink	Solid solder
Fuelline (ma	terial)		Steel
Fuel hose (m	aterial)		Rubber
Return line (r	naterial)		Steel
Vapor line (m	aterial)		Steel
Extended	Opt., n.a.		Not Available
ange	Capacity [L (gall	ons)]	11
ank	Location & mate	rial	al Company of the Com
	Attachment		11
	Opt., n.a.		11
	Capacity [L (galle	ons)]	4
Auxiliary ank	Location & mater	rial	ii .
	Attachment	<u> </u>	ti .
	Selector switch o	or valve	ti .

 Car Line
 CAMARO

 Model Year
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METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	Code

RPO LO9 RPO LB8	2.5 LITER-V8 (151 CID) ELECTRONIC FUEL INJECTION RPO LO9	2.8 LITER-V8 (173 CID) (2.8 MULTI-PORT FI)
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#### **Vehicle Emission Control**

	Type (air in modification	jection, engine ns, other)	Computer Command Control & EFI	
		Pump or pulse	Not Available	····
		Driven by		
	Air Injection	Air distribution (head, manifold, etc.)	tı	
		Point of entry	\$1	,
Exhaust	Exhaust	Type (controlled flow, open orifice, other)	Back Pressure Modulated Controlled Flow	Back Pressure Modulated Controlled Flow
Emission Control	Gas Recircula-	Exhaust source	Manifold	Manifold Exhaust Crossover
CONTO	tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
		Туре	Bed, Oxidizing & Reducing	Dual Bed, Ox. & Red.
		Number of	One	One
	Catalytic Converter	Location(s)	Forward Beneath Underbody	Beneath RF Underbody
		Volume [L (in3)]	2.623 (160)	2.782 (170)
		Substrate type	Pellets	Monolith
	Type (ventil induction sy	ates to atmosphere, stem, other)	Induction System	
Crankcase Emission		rce (manifold rburetor, other)	Manifold Vacuum	•
Control	Discharges manifold, ot	(to intake her)	Inlet Manifold	
	Air inlet (bre	eather cap, other)	Carburetor Air Cleaner	
Evapora-	Vapor vente (crankcase.	ed to Fuel tank	Canister	
tive Emission	canister, oth	ner) Carburetor		Canister
Control	Vapor stora	ge provision	Canister	
Electronic	Closed loop	(yes/no)	Yes	
system	Open loop (	yes/no)	No	

#### **Engine** – Exhaust System

Type (single, single with cross-over, dual, other)  Muffler no. & type (reverse flow, straight thru, separate resonator)		Single	Single with Dual
		One, reverse flow	
Resonator	no. & type	None	
	Branch o.d., wall thickness	11	50.8 x 1.02 (2.0 x .040)
Exhaust pipe	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
Inter- mediate	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.14 (2.25 x .045)
pipe	Material	Aluminum coated steel	Aluminum coated steel
Tail	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.14 (2.25 x .045)
pipe	Material	Aluminum coated steel	Aluminum coated steel

 Car Line
 CAMARO

 Model Year
 1985
 Issued
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 Revised (●)

**METRIC (U.S. Customary)** 

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**

	1	3011(101	
	Type (air injection, engine modifications, other)		Air Injection with Computer Command Control
		Pump or pulse	Vane
Exhaust		Driven by	V-belt
	Air Injection	Air distribution (head, manifold, etc.)	Exh. Manifold & Catalytic Converter
		Point of entry	Exhaust Manifold
	Exhaust	Type (controlled flow, open orifice, other)	Pulse Width Modulated
Emission Control	Gas Recircula-	Exhaust source	Manifold Exhaust Crossover
Control	tion •	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
		Туре	Dual Bed, Oxidizing & Reducing
	Catalytic Converter	Number of	One
		Location(s)	Beneath RF Underbody
		Volume [L (in <sup>3</sup> )]	2.786 (170)
		Substrate type	Monolith
	Type (ventilates to atmosphere, induction system, other)		Induction System
Crankcase Emission	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
Control	Discharges (to intake manifold, other)		Inlet Manifold
	Air inlet (bre	eather cap, other)	Air Cleaner
Evapora-	Vapor vente	ed to Fuel tank	Canister
tive Emission	canister, oth	ner) Carburetor	Canister
Control	Vapor stora	ge provision	Canister
Electronic	Closed loop	(yes/no)	Yes
system	Open loop (	yes/no)	No

#### **Engine - Exhaust System**

Type (single, single with cross-over, dual, other)  Muffler no. & type (reverse flow, straight thru, separate resonator)  Resonator no. & type		Single with dual tailpipes			
		One, reverse flow			
		None			
	Branch o.d., wall thickness	(a)	(b)		
Exhaust pipe	Main o.d., wall thickness	(a)	(b)		
• •	Material	(See Notes)	(See Notes)		
Inter- mediate 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	THE TENT A VANSA		
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	the state of the s		

(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.

Car Line	CAMARU				
Model Year	1985 <sub>I</sub>	ssued	7-84	Revised (•)	<del></del>

**METRIC (U.S. Customary)** 

Engine Description/Carb. Engine Code

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

#### **Vehicle Emission Control**

	Type (air injection, engine modifications, other)		Air Injection with Computer Command Control
		Pump or pulse	Not Available
Exhaust		Driven by	11
	Air Injection	Air distribution (head, manifold, etc.)	0
		Point of entry	"
	Exhaust	Type (controlled flow, open orifice, other)	Back Pressure Modulated Controlled Flow
mission ontrol	Gas Recircula-	Exhaust source	Manifold
Control	tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
	Catalytic Converter	Туре	Dual Bed, Oxidizing & Reducing
		Number of	One
		Location(s)	Beneath RF Underbody
		Volume [L (in³)]	2.78 (170)
		Substrate type	Monolith
,	Type (ventilates to atmosphere, induction system, other)		Induction System
rankcase mission	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
ontrol	Discharges (to intake manifold, other)		Intake Manifold
	Air inlet (bre	eather cap, other)	Carburetor Air Cleaner
/apora-	Vapor vente (crankcase.		Canister
e nission	canister, oth		
ontrol	Vapor stora	ge provision	Canister
ectronic	Closed loop	(yes/no)	Yes
stem	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)
Inter-	o.d. & wall thickness	69.85 x 1.40 (2.75 x 0.05)
mediate pipe	Material	Aluminum coated steel
Tail pipe	o.d. & wall thickness	63.5 x 1.07 (2.25 x .04) (b)
	Material	Aluminum coated steel

<sup>(</sup>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.

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

**METRIC (U.S. Customary)** 

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			
Transmi	ssions/Tr	ansaxle					
Manual 3-sp	eed (std., opt	., n.a.)	Not Availab	lo ·			
Manual 4-sp	eed (std., opt.	, n.a.)	Standard	/ <u>                                     </u>	Not Available		
Manual 5-speed (std., opt., n.a.)		Optional		Standard			
Manual overdrive (std., opt., n.a.)		Not Availab	le				
	td., opt., n.a.)		Not Availab				
Automatic or	verdrive (std.,	opt., n.a.)	Optional				
Manual 1	Fransmiss	sion/Transaxle					
Number of fo	orward speeds	3	4	5	5		
	In first		3.50	3.76	3.50		
	In second		2.48	2.18	2-14		
	In third		1.66	1.42	1.36		
Transmis-	In fourth		1.00	1.00	1.00		
sion ratios	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 lo	<del>'i'</del>	· <del>-</del> .	<u> Floor</u>				
	Capacity [L		Man 4-spd-1.136L(2,4 pt) of SAE-80W				
Lubricant	Type recommended		SAE-80W or SAE-80W-90 GL5				
	SAE vis-	Summer	SAE-80W or SAE-80W-90 GL5				
	cosity number	Winter Extreme cold		SAE-80W-90 GL5			
	1	Extreme colo	* Manual 5-speed - 3.25L (6.87 pts.) of Dexron TT				
Clutch (N	Janual Tr	ansmission)	- Manual 5-	speed - 3.25L (6.8	3/ pts.) of Dexron TT		
Make, type, o	engagement (	describe)	Borg & Beck				
Type pressur	re plate spring		Dry_disc Diaphragm				
Total spring			6040 /3060				
No. of clutch	<del></del>		0ne		5538 (1245)		
	Material		Woven molded	d ashestos			
	Manufactur	er	Borg & Beck	a #3562f02			
	Part number	or	14045173		14084166		
	Rivets/plate	)	36		32		
Clutch	Rivet size		.142 dia.	<del></del>			
facing	Outside & i	nside dia.		5.58 (9.125 x 6.12			
	Total eff. ar	ea [cm²(in.²)]	2318.25 (359				
	Thickness		7.50-8.00 mr		6.99-7.49 (.275295)		
	Engagement method	nt cushion	Driven plate wave spoke springs				
Release bearing	Type & met of lubricatio	hod n		prepacked and sea			
Torsional damping	Method: spi friction mate			and metal to met			

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code		<b>b</b> .	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO L69		
Transmi	ssions/Tr	ansaxie				
Manual 3-sp	eed (std., opt.	0.8.)	Not Available			
	eed (std., opt.		II II			
			Standard			
Manual 5-speed (std., opt., n.a.)  Manual overdrive (std., opt., n.a.)		l., n.a.)	Not Available			
Automatic (s	td., opt., n.a.)		II .			
Automatic or	verdrive (std.,	opt., n.a.)	Optional	Not Available		
Manual 1	Transmiss	ion/Transaxie				
Number of fo	orward speeds		5			
	In first		2.95			
	In second		1.94			
[	In third		1.34			
Transmis-	In fourth		1.00			
sion ratios	In fifth		0.73			
	In overdrive	•	**	<del></del>		
	in reverse		2.76			
	meshing (sp	ecity gears)	All forward gears			
Shift lever to	T		Floor			
	Capacity [L		3.25L			
Lubricant	Type recon		Dexron II			
E0011CB(III	SAE vis-	Summer	<u> </u>			
	cosity	Winter	I)			
<del></del> -		Extreme cold	u .			
Clutch (A	Aanual Tra	ansmission)				
Make, type, e	engagement (d	describe)	Borg & Beck, dry disc			
Type pressui	re plate spring	s	Diaphragm			
Total spring I	oad [N (lb.)]		7117 (1600)			
No. of clutch	driven discs		One			
	Material		Molded asbestos			
	Manufactur	er	Borg & Beck			
	Part numbe	τ	14033032			
	Rivets/plate		40			
Clutch facing	Rivet size		5.41 x 3.63 (.213 x .143)			
	Outside & ii		262.6 x 165.0 (10.34 x 6.5)			
	<del></del>	ea [cm²(in.²)]	327.8 (50.8)			
	Thickness		7.75 (.305)			
Engagement cushion method		nt cushion	Driven plate wave spoke springs			
Release bearing	Type & met of lubricatio	hod n	Ball thrust - prepacked and s	sealed		
Torsional Jamping	Method: spr friction mate		Coil springs and metal-to-met	al friction		

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

**METRIC (U.S. Customary)** 

Engine	Description/Carb.
Engine	Code

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

Transmissions/Transaxle	Trar	ısmis:	sions/1	Transa:	xle
-------------------------	------	--------	---------	---------	-----

Manual 3-speed (std., opt., n.a.)	Not Available			
Manual 4-speed (std., opt., n.a.)	11 11		***	
Manual 5-speed (std., opt., n.a.)	ti ii			
Manual overdrive (std., opt., n.a.)	14 11	· .		<del>-</del>
Automatic (std., opt., n.a.)	ti 11			
Automatic overdrive (std., opt., n.a.)	Standard	<del>-</del>		

#### Manual Transmission/Transaxle

Number of forward speeds		Not	Available	
Transmis- sion ratios	In first		D D	II
	In second		9£	(I
	In third		11	I)
	. In fourth		11	B. C.
	in fifth		11	II .
	In overdrive		11	U
	In reverse		н	n
Synchronous meshing (specify gears)		11	11	
Shift lever lo	cation		Ħ	II .
	Capacity [I	L (pt.)]	a	II .
Lubricant	Type recommended		11	II .
	SAE vis-	Summer		И
	cosity	Winter	11	(1
	number	Extreme cold	tı	li .

#### Clutch (Manual Transmission)

	, engagement (describe)	Not	<u>vailable</u>	
Type pressi	ure plate springs	4	H	
Total spring	load [N (lb.)]	11	11	· · ·
No. of clutch	h driven discs		10	·
	Material		u .	****
	Manufacturer	11	li .	· · · · · · · · · · · · · · · · · · ·
	Part number	- 11	li .	
	Rivets/plate	#	U .	·
Clutch	Rivet size	11	н	
facing	Outside & inside dia.	63	n e	
	Total eff. area [cm²(in.²)]	B1	u	
	Thickness	14	0	
	Engagement cushion method	11	ч	
Release bearing	Type & method of lubrication		et .	
Torsional damping	Method: springs, friction material		n	<del></del>

**METRIC (U.S. Customary)** 

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	Transmiss	ion/Transaxie

Trade name			4-speed automatic
Type and s	pecial features (d	escribe)	4-speed with torque converter clutch
Selector	Location		On Console
Ltr./No. designation			P-R-N- D -D-2-1
	R		2.29
Gear	D		1.00
ratios	2		1.63*
	1		3.06*
	Overdri	ve	0.70*
Max. upshif	t speed - drive ra	nge [km/h (mph)]	Not Available
Max. kickdo	wn speed - drive	range [km/h (mph)]	II .
Min. overdri	ve speed (km/h (	mph)]	ii .
-	Number of el	ements	3
Torque	Max. ratio at	stell	Not Available
converter	Type of coolin	ng (air, liquid)	Liquid
	Nominal diam	eter	298
Lubricant	Capacity [refi	ll L (pt.)]	4.5L (9.5 pts.)
Type Recommended		mended	GM Dexron II
Oil cooler (s external, air	Dil cooler (std., opt., NA, internal, external, air, tiquid)		Standard, integral with radiator
			*Torque converter clutch in 2nd, 3rd & 4th gears.
Axle or I	Front Wheel	Drive Unit	
Axle or I		Drive Unit	Rear
		Drive Unit	Rear Semi-floating axle, overhung hypoid driven pinion
Type (front, Description		Drive Unit	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear
Type (front, Description Limited slip	rear) differential (type)	Drive Unit	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch
Type (front, Description Limited slip Drive pinion	rear) differential (type) offset	Drive Unit	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75
Type (front, Description Limited slip Drive pinion Drive pinion	rear) differential (type) offset	Drive Unit	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear
Type (front, Description Limited slip Drive pinion Drive pinion No. of differen	differential (type) offset (type)		Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two
Type (front, Description Limited slip Drive pinion Drive pinion No. of difference Pinion / difference	rear) differential (type) offset (type) ential pinions prential adjustme		Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two Shim
Type (front, Description Limited slip Drive pinion Drive pinion No. of differ Pinion / diffe	rear) differential (type) offset (type) ential pinions prential adjustme	nt (shim, other)	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two Shim Collapsible spacer
Type (front, Description Limited slip Drive pinion Drive pinion No. of differ Pinion / diffe	differential (type) offset (type) ential pinions erential adjustmential bearing a	nt (shim, other) djustment (shim, other)	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two Shim Collapsible spacer Roller bearing
Type (front, Description Limited slip Drive pinion Drive pinion No. of differ Pinion / diffe	differential (type) offset (type) ential pinions erential adjustme erential bearing a el bearing (type)	nt (shim, other) djustment (shim, other)	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two Shim Collapsible spacer Roller bearing 1.66
Type (front, Description Limited slip Drive pinion Drive pinion No. of difference Pinion / difference Pinion / difference	differential (type) offset (type) ential pinions erential adjustme erential bearing a el bearing (type) Capacity (L (p	nt (shim, other) djustment (shim, other)	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two Shim Collapsible spacer Roller bearing 1.66 GL5 gear lube
Type (front, Description Limited slip Drive pinion Drive pinion No. of differ Pinion / diffe Driving when	differential (type) offset (type) ential pinions erential adjustmential bearing a el bearing (type) Capacity (L (p	nt (shim, other) djustment (shim, other) t.)}	Rear Semi-floating axle, overhung hypoid driven pinion and ring gear Disc clutch 1.75 Hypoid gear Two Shim Collapsible spacer Roller bearing 1.66

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

Axle ratio (o	r overall top gear ratio)	3.42	3.73	•
No. of teeth	Pinion	41	41	<del></del>
	Ring gear or gear	12	11	
Ring gear o.	.d.	194 (7-5/8	)	· · · · · · · · · · · · · · · · · · ·
Transaxle	Transfer gear ratio		<u> </u>	
_	Final drive ratio			

Car Line	ΓΔΜΔΡΩ			
Model Year	_ <del>1985</del>	Issued	7_84 Revised (•)	9-84

METRIC (U.S. Customary)

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

de name			4-speed automatic			
pe and special features (describe)		scribe)	4-speed with torque converter	clutch		
ector	Location		On console			
	Ltr./No. design	nation	P-R-N- D -D-2-1	<u> </u>		
	R		2.29			
	D		1.00			
ar ios	2		1.63*			
F	1		3.06*			
<u> </u>	Overdri	ve	0.70*			
ax. upshift sc		iga (km/h (mph))	Not Available			
		range [km/h (mph)]	н			
	speed (km/h (r		11			
	Number of ek		3			
t	Max. ratio at	stall	Not Available			
orque onverter	Type of coolin	ng (air, liquid)	Liquid			
ľ	Nominal diam		298 (11.75)			
ubricant	Capacity [refi	II L (pt.)]	4.5L (9.5 pts.)			
TOLICETA	Type Recomi	mended	GM Dexron II			
xternal, air, li		l Drive Unit	Standard integral with radia *Torque converter clutch in	2nd, 3rd & 4th gears.		
ype (front, re	ear)		Rear Semi-floating axle, overhung	hypoid driven pinion		
Description		į	and ring gear			
	Manadial /base		Disc clutch			
	ifferential (type	<u>"</u>	1.75			
Orive pinion o			Hypoid gear			
Drive pinion (			Two			
No. of differen		ent (shim, other)	Shim			
		adjustment (shim, other)	Collapsible spacer			
			Roller bearing			
NAME AND A	Capacity [L		1.66			
	Type recom		GL5 gear lube			
Lastaniones	<del></del>	Summer	80W or 80W-90 GL-5			
Lubricant	SAE vis- cosity	Winter	80W or 80W-90 GL-5	,		
	number	Extreme cold	80W GL-5			
Avio er 1	renesyle	<u> </u>	nbinations (See 'Power Teams' for axle ratio usage.)			
AXIO OF			3.08 3.23 3.7	73		
Aula min /~	(or overall top gear ratio)		40 42 41			
	Pinion Ring gear or gear					
Axie ratio (or No. of teeth	Pinion Ring gear o	or gear				
No. of	Ring gear o	or gear	194 (7-5/8)			
No. of teeth	Ring gear o					

 Car Line
 CAMARO

 Model Year
 1985
 Issued
 7-84
 Revised (●)
 9-84

**METRIC (U.S. Customary)** 

Engine	Description/Carb.
Engine	Code

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

Automatic	Transmis	ision/Tr	ansaxie
-----------	----------	----------	---------

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		
	R	2.29		
Gear	D	1.00		
ratios	2	1.63*		
	1	3.06*		
	Overdrive	0.70*		
Max. upshift	t speed - drive range (km/h (mp	n) Not Available		
Max. kickdo	wn speed - drive range [km/h (			
Min. overdri	ve speed [km/h (mph)]	"		
	Number of elements	3		
Torque	Max. ratio at stall	Not Available		
converter	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 (s external, air,	td., opt., NA, internal, , liquid)	Standard integral with radiator		
Axie or I	Front Wheel Drive Un	*Torque converter clutch in 2nd 3rd & 4th goars		
Type (front,	rear)	Rear		
Description	-	Semi-floating axle, overhung hypoid driven pinion and ring gear		
Limited slip	differential (type)	Disc clutch		
Orive pinion	offset	1.75		
Drive pinion	(type)	Hypoid gear		
No. of differe	ential pinions	Two		
Pinion / diffe	rential adjustment (shim, other	<del></del>		
Pinion / diffe	rential bearing adjustment (shi			
Driving when	el bearing (type)	Roller bearing		
	Capacity (L (pt.))	1.66		
	Type recommended	GL5 gear lube		
Lubricant	SAE vis- Summer	L80W or 80W-90 GL-5		
Lubricant	SAE vis. Summer cosity Winter number	80W or 80W-90 GL-5 80W or 80W-90 GL-5		

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

Axle ratio (o	r overall top gear ratio)	3.23	3.42		
No. of teeth	Pinion	42	41		<u>,</u>
	Ring gear or gear	13	12		. <u>.</u>
Ring gear o.	d.	194 (7-5	/8)		<del></del>
Transaxie	Transfer gear ratio		·	*	<del></del> -
	Final drive ratio		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	

Car Line	CAMARO	
Model Year	1985 Issued	7_84_ Revised (•)

**METRIC (U.S. Customary)** 

Engine Description/Carb	2.5L-L4 151CID	2.8L-V6 173CID	5.0L-V8 305CID	5.0L-V8 305CID	5-01-V8 305CI
Engine Code	EF 1	PFI	4-Bbl. CARB.	4-Bbl. CARB	RFI
	RPO LQ9	RPO LB8	RPO LG4	RPO L69	RPO LB9

Type (strain	ht tube, tube-in-	tube.		
internal-external damper, etc.)				Straight Tube
	Manual 3-speed trans.			Not Available
Outer diam, x	Manual 4-sp	peed trans.		63.5 x 1135 x 1.65 mm (2.5 x 44.7 x .065 in.)
length* x wall thick- ness	Manual 5-sp	oeed trans.		63.5 x 1057 x 1.65 mm (2.5 x 41.6 x .065 in.)
	Overdrive	Overdrive		Not Available
· · · · · · · · · · · · · · · · · · ·	Automatic transmission		n	63.5 x 1057 x 1.65 mm (2.5 x 41.6 x .065 in.)
Inter- mediate	Type (plain, anti-friction)		n)	None
bearing	Lubrication (fitting, prepack)		pack)	u
	Туре			Splined
Slip yoke	Number of teeth			27
	Spline o.d.			29.84 mm (1.174 in.)
	Make and m	Make and mfg. no. Front		Saginaw size 44 Saginaw size 44
	Numberuse	d		Two
Universal	Type (ball ar	nd trunnion	, cross)	Cross
joints	Rear attach	(u-bolt, clar	mp, etc.)	Strap and bolt
	Bearing	Type (p		Anti-friction
		Lubrica (fitting,	tion prepack)	Prepacked
Drive taken t arms or sprir	hrough (torque t igs)	ube,		Torque Arm
Torque take arms or sprir	n through (torqui	e tube,		Torque Arm

<sup>\*</sup> Centerline to centerline of universal joints, or to centerline of rear attachment.

Car Line _CAMARO	<del></del>	
Model Year] 985	Issued <u>7_84</u>	Revised (•)

**METRIC (U.S. Customary)** 

\*\*\* IROC\_7 2/mm (0 0 in)

Body Type			2-Door Hatchback Coupe					
Engine Dia	splacement .	L4	V6	V8	Z28			
Cuana.	cion Consul			- · · · · · · · · · · · · · · · · · · ·				
<u>auspen</u>	sion – General	1 .						
Car leveling	Std./opt./n.a.	Not availabl		<u> </u>				
evening	Type (air, hyd., etc.)	Not availabl						
Description to	Manual/auto. controlled	Not availabl						
	or brake dip control		<u>sion geometry</u>	<u> </u>				
PTOVISION IQ	or acci. squat control	<u>Rear suspens</u>	<u>ion geometry</u>	<del></del>				
Provisions f	for car jacking	Jacking prov	isions on roc	ker panels				
Shock	Туре	Direct doubl	e-acting hydr	aulic (a)				
absorber (front &	Make	Delco						
rear)	Piston diameter	54mm (2.125	in) front; 25	(1.0) rear				
	Rod diameter	<u>  25mm (1.0 in</u>	)front;13.49m	m(0.53)rear				
Suspens	sion – Front	(a)-Delco Bi	lstein rear s	hock absorbers	on IROC-Z			
Type and de	escription							
		Independent	w/coil spring	s, Modified Mad	cPherson strut.			
Drive and to	orque taken through	<u> </u>						
Travel	Full jounce		<u>95 in)</u>	·				
	Full rebound	104.0 mm (4.	<u>09 in)</u>		<del>-</del>			
	Type (coil, leaf, other) & material	Coil						
	Insulators (type & material)	Alloy steel						
Spring	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.)]			64.0(365.0).Z2	8-96 0(548 0)			
	Rate at wheel [N/mm (lb./in.)]			7.7(101.0).728				
Stabilizer	Type (link, linkless, frameless)	Link	•					
	Material & bar diameter	*	*	*	Steel 32mm (1.3 in			
Suspens	sion – Rear		<u> </u>	<u> </u>	Todeer oznan (1.0 In			
Type and de								
		Salisbury ax	le w/torque a	rm, LCA, track	bar, coil springs			
Drive and to	orque taken through	LCA & torque						
Travel	Full jounce Full rebound	87.0 mm (3.4						
	Type (coil, leaf, other) & material	118.0 mm (4.0		<del></del>				
	Type (con, lear, other) a material	Coil, Alloy	<u>stee i</u>		<del></del>			
Spring	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 No. of leaves	Not Applicab						
	leaf Shackle (comp. or tens.)	in'						
Stabilizer	Type (link, linkless, frameless)	Link						
	Material & bar diameter	**	**	**	23mm(0.9 in)**			
Track bar (ty	<del></del>		w/rubber bush	<u>ings</u>				
* Base	e - steel 27 mm (l.1	in) ** F41	: steel 18 mm					
F4 8-Q-AMVM		in)	Page 11					

**METRIC (U.S. Customary)** 

Car Line	CAMARO		<del> </del>		
Model Year_	1985	Issued	7-84	Revised (•)	

Body Type And/Or Engine Displacement

2-DOOR HATCHBACK COUPES 1FP87 **1FS87** 

**Z28** 

#### Rrakes - Sarvice

Brakes -	00.41	<u>, , , , , , , , , , , , , , , , , , , </u>			
Description					Single coliner dies front
Dealer has			Front (disc or dru	(m)	Single caliper disc front, duo-servo drum rear Disc
Brake type (std., opt., n.a.) Rear (disc or drum)		<del></del> -			
Self-adjustin	o (std., c	oot n.a.)	1 1000 (0.30 0) 010	,	Drum (Rear disc optional for V8 models) Standard
	.5 (5.5.)	-p,,	<del></del>		Standard
Special valving	Туре	(proportion	ı, delay, metering, o	ther)	Metering and Proportioning
Power brake	std., o	ot., n.a.)		-	Standard
Booster type	(remote	e, integral, v	ac., hyd., etc.)		200 mm (7.87 in) Tandem Vacuum
Vacuum sou	ırce (inlir	ne, pump, e	tc.)		Inline (intake manifold)
Vacuum res	ervoir (vo	olume in.3)			None
Vacuum pun if other so st	np-type ( ate)	elec, gear (	driven, belt driven,		n
Anti-skid dev	vice type	(std., opt.,	n.a) (F/R)		Not Available
Effective are	a [cm²(ir	n.²)]*			615.5 (95.42)
Gross lining	area [cm	<sup>2</sup> (in. <sup>2</sup> )]**(F/	/R)		691.6 (107.22)
Swept area [	cm²(in.²	)]***(F/R)			1985.1 (307.7)
	Outer	working dia	ameter	F/R	267 mm (10.5 in)/
Rotor	Inner	working dia	ameter	F/R	171.5mm (6.75 in)/
	Thick	Thickness F/R			26.2 mm (1.03 in)/
	Mater	ial & type (	vented/solid)	F/R	Cast Iron, vented/
Drum	Discussion Burgath		F/R	/241 mm (9.5)	
	Туре	and materia	al	F/R	/Cast iron finned (aluminum drum) (b)
Wheel cylind	ler bore		F/R		64 mm (2.5 in) / 19 mm (0.75 in)
Master cylino		Bore/stro	ke	F/R	24 mm (0.94) / 37.1 mm (1.46) disc/drum (a)
Pedal arc rat	io				3.25:1
		N(100 lb.) p	oedal load (kPa (psi	]	
Lining cleara	nce			(F/R)	Self-adjusting / self-adjusting
			or riveted (rivets/seg	.)`	Riveted, 8
		Rivet size			5.33 x 7.92 (.210 x .312)
		Manufact			Delco Moraine
	Front	Lining co	de		GM121EE
	wheel	Material			Semi-metallic
	;	<del></del>	rimary or out-board		125 x 48.4 x 11.04 (4.92 x 1.91 x .435)
			econdary or in-boar	d	Same (15 of (500)
Brake ning	<u> </u>	Shoe thickness (no lining)			Inboard (15.84 (.620); Outboard 13.97 (.550)
uariy (		Bonded or riveted (rivets/seg.)			Riveted 10 primary, 12 secondary
	Rear wheel	Manufact			Delco Moraine
		Lining cor	<del>00</del>		Primary-GM 224FF, Secondary-GM 235FE
ļ		Material P			Asbestos
			rimary or out-board		192.5 x 50.8 x 4.98 (7.58 x 2.0 x 0.196)
•			econdary or in-boar	<b>-</b>	<u>249.6 x 50.8 x 6.75 (9.83 x 2.0 x 0.266)</u>
	ــــــــــــــــــــــــــــــــــــــ	Shoe thic	kness (no lining)		9.7 (0.380)

<sup>\*</sup>Excludes rivet holes, grooves, chamfers, etc.

<sup>\*\*</sup>Includes rivet holes, grooves, chamters, etc.

<sup>\*\*\*</sup>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.)

<sup>(</sup>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-C-85

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

METRIC (U.S. Customary)

Body Type : Engine Disj			1FP87		1FS87		
Tires And	d Wheels (Sta	ndard)					
	Size (load range,	(vla	P195/75R-14BW*		P205/70R-14 BW*		
	Type (bias, radial		Steel belted ra	dials	17203/70K=14 DW*		
Tires	Inflation pres- sure (cold) for	Front [kPa (psi)]	240 (35)				
	recommended max. vehicle load	Rear [kPa (psi)]	240 (35)	<u></u>			
	Rev./mile_at 70 k	.m/h (45 mph)	508		511		
-	Type & material		Short spoke dis	c. steel	Short spoke disc, steel		
	Rim (size & flang	e type)	14 x 6	0, 30001	14 x 7		
140	Wheel offset		12.7 (.50)		8.0 (.315)		
Wheels		Type (bolt or stud)	Stud		0.0 (.515)		
	Attachment	Circle diameter	120.7 (4.75)	<del></del>			
		Number & size		H-thd. (m	netric)		
Spare	Tire and wheel (s other describe)	ame, if			Ply, Nylon (Temporary type)		
	Storage position (describe)	& location	Vertically adjacent to R.H. quarter panel				
Tires And	Wheels (Opt	ional)					
Size (load rar	nge, ply)		P205/70R-14 BW,	WL, WW*	P205/70R14 WS*		
Type (bias, ra	adial, etc.)		Steel belted radials Steel belted radial				
Wheel (type &	s material)			Short spoke disc, steel			
Rim (size, fla	nge type and offset)		14 x 7 (8.0 (.315)				
Size (load rar	nge, ply)						
Type (bias, re	idial, etc.)						
Wheel (type 8	k material)		Cast aluminum wheel option				
	nge type and offset)		14 x 7 8.0(.315)				
Size (load ran							
Type (bias, ra	<del> </del>						
Wheel (type &	<del> </del>						
	nge type and offset)						
Size (load ran		<del></del>					
Wheel (type 8		· · · · · · · · · · · · · · · · · · ·			·		
	nge type and offset)	·					
Spare tire and	<u> </u>	<del></del>					
(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				
Brakes -	Parking	*/	All seasons mud and	snow, 4t	h generation GM TPC tires.		
Type of contro			Grip handle cont	rol			
Location of control				Right side of floor console			
Operates on			Rear service bra		<del></del>		
	Type (internal or e	external)					
If separate	Drum diameter						
from service brakes	Lining size (length width x thickness)						

<u>CAMARO</u> Car Line . <u>1985</u> 7-84 Model Year\_\_ Issued 9-84 Revised (•) .

**METRIC (U.S. Customary)** 

Body	Type	And/Or
Engir	e Dis	placement

IFP87 WITH (RPO X28)

IFP87/Z28/B4Z (IROC-Z)

	Size (load range, ply)		P215/65R-15WL	P245/5VR16 BW*		
	Type (bias, radial, etc.)		Steel belted radial	S		
Tires	Inflation pres- sure (cold) for recommended	Front [kPa (psi)]	240 (35)	205 (30)		
	max, vehicle load	Rear [kPa (psi)]	240 (35)	205 (30)		
	Rev./mile-at 70 I	km/h (45 mph)	498			
	Type & material		Cast Aluminum			
	Rim (size & flang	je type)	15 x 7	16 x 8		
Wheels	Wheel offset		8.0 (.315)	Front O. Rear 20 (.787)		
		Type (bolt or stud)	Stud			
	Attachment	Circle diameter	120.7 (4.75)			
	ļ <u> </u>	Number & size	5-M12 x 1.5 - 6H-th	d. (metric)		
Spare	Tire and wheel (so other describe)	same, if	Z28-15x4'T125/70D15	Bias Ply,Nylon(Temporary type)415(60) D/14.Bias Ply,Nylon (Inflatable) 240(35		
	Storage position	& location				
Tires An	(describe)	tional	Vertically adjacent to R.H. quarter panel *Directional Thread			
	· · · · · · · · · · · · · · · · · · ·	1	225 (60 NB 15 BH 44)			
Size (load ra			235/60 VR-15 BW **			
Type (bias,	<del></del>		Steel belted radial			
Wheel (type	<del></del>			<u> </u>		
	ange type and offset	0				
Size (load ra	=::.;;					
Type (bias, i Wheel (type	<del></del>					
	ange type and offset	A				
Size (load ra	<del></del>	,	• • • • • • • • • • • • • • • • • • • •			
Type (bias, i						
Wheel (type			· · · · · · · · · · · · · · · · · · ·			
	ange type and offset	<u>,                                      </u>	·			
Size (load re	<del></del>	<i>'</i>				
Type (bias, i						
Wheel (type	<del></del>					
	ange type and offset	)				
Spare tire ar						
(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position						
Brakes -	- Parking		** Used with option	al LB9 V8 only.		
Type of cont	trol		Grip handle control			
Location of c	control		Right side of floor console			
Operates on			Rear service brakes			

# Type (internal or external)

If separate from service brakes Drum diameter Lining size (length x width x thickness)

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METRIC (U.S. Customary)

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

Stee	ring
	_

opt., n.a.)	-		Not Available				
pt., n.a.)			Standard				
Adjustable steering wheel (tilt, swing, other)		scription					
		a.)		<u></u>			
	Manual	· /				<del></del>	
Wheel diameter			368 mm (14.5 in)				
Outside	Wall to wall (I	. & r.)	12.02 (39.4)	<u> </u>			
front	Curb to curb	(І. & г.)	11.25 (36.9)	- · ·			
Inside	Wall to wall (I	. & r.)	Not Available	<del></del> -			
rear	Curb to curb	(l. & r.)	Not Available				
		_	Not Available				
	Туре		Not Available	<del></del>			
Gear	Make		Not Available				
	Patine	Gear	Not Available				
	Rauos	Overall	Not Available				
No. whee	tums (stop to s	top)	Not Available				
Type (coa	xial, linkage, et	c.)					
Make							
	Туре						
Gear	Ratios	Gear	<del>- : : : :</del>			2.7:1(b)	
	Overall				1	4:1	
Pump (drive)			_ , se.s		***		
No. wheel turns (stop to stop)		top)		3.0		2.5	
Туре			<u>Parallelogram</u>				
Location (front or rear of wheels, other)		Ì	Front				
Drag links	(trans. or longit	1.)	None				
Tie rods (d	one or two)		Two				
Inclination	at camber (de	3.)	Not Available				
	Upper		Ball stud				
	Lower		Ball stud				
(7)	Thrust		None				
lle & joint typ	е		Steering knuckle with spherical joints				
Diameter	Inner bearing						
Diamotor	Outer bearing	,		-0.84)			
				odified)			
Bearing (t	уре)		Tapered roller				
	ler  Outside front Inside rear  Rear  No. wheel Type (coa Make  Gear  Pump (dri No. wheel Type Location (of wheels, Drag links Tie rods (coal) Inclination  Bearings (type)  Diameter  Thread (si	Type and designer)  (Std., opt., n. Manual Power  Outside front Curb to curb in Wall to wall (I Curb to curb in Curb to curb i	rept., n.a.)  Type and description  (Std., opt., n.a.)  Manual Power  Outside front Curb to curb (I. & r.)  Curb to curb (I. & r.)  Curb to curb (I. & r.)  Wall to wall (I. & r.)  Curb to curb (I. & r.)  Wall to wall (I. & r.)  Curb to curb (I. & r.)  Wall to wall (I. & r.)  Curb to curb (I. & r.)  Wall to wall (I. & r.)  Curb to curb (I. & r.)  Factor (I. & r.)  Andre (I. & r.)  Type  Make  Fatios Gear Andre (I. & r.)  Type  Gear Antios Overall  Pump (drive)  No. wheel turns (stop to stop)  Type  Location (front or rear of wheels, other)  Drag links (trans. or longit.)  Tie rods (one or two)  Inclination at camber (deg.)  Upper  Bearings (type) Diameter Thrust  Inner bearing Outer bearing Thread (size)	Type and description   Tilt-universally at base of steeri	Standard   Tippe and description   Annual   Not Available   Power   368 mm (14.5 in)		

- (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

Car Line \_\_\_\_CAMARO\_ Model Year <u>1985</u> Issued <u>7-84</u> Revised (●)

METRIC (U.S. Customary)

ody Type And/Or Ingine Displacement	isplacement Z-DUUR HATCHBACK COUPES	COUPES
		1FS87

**Wheel Alignment** 

	Service	Caster (deg.)	+2° to +4° (a)	
	checking	Camber (deg.)	+0.2° to +1.8°	
	L	Toe-in [outside track-mm (in.)]	+0.1° to +0.3°	+0.5° to +0.25°
Front	Service	Caster	+3° +/- 0.5° (b)	
	reset*	Camber	+1° +/- 0.5°	
(wt.)		Toe-in	+0.2° +/05°	+0.15° to +/05°
	Periodic M.V. in- spection	Caster	+1° to 5° (c)	70.00
		Camber	-0.5° to +2.5°	
		Toe-in	-0.1° to +0.5°	-0.15° to +.45°
	Service	Camber (deg.)	Not Applicable	
Rear	checking	Toe-in [outside track-mm (in.)]	Ħ	
wheel at curb mass	Service	Camber	11	
(wt.)	reset*	Toe-in	н	
	Periodic M,V, in-	Camber	44	
	spection	Toe-in	(1	· · · · · · · · · · · · · · · · · · ·

<sup>\*</sup> Indicates pre-set, adjustable, trend set or other.

<sup>(</sup>c) IROC-Z +2° +0 +6°

Electrical	- Instruments and Equipment	Sport Coupe*	Z28	Berlinetta
Speed-	Туре	Round dial, pointer	0-85 mph**	Digital 0-85 mph**
ometer	Trip odometer (std., opt., n.a.)	Optional	Standard	Digital - standard
EGR mainten	ance indicator	Not Available	Not Available	Not Available
Charge indicator	Туре	Tell-Tale Warn. Lt.	Electric gage	Elect gage&Tell Tale
	Warning device	***************************************	Not Available	*
Temperature indicator	Туре	Tell-Tale Warn. Lt.	Electric gage	Elect gage&Tell Tale
	Warning device		Not Available	*
Oil pressure	Туре	Tell-Tale Warn. Lt.	Electric gage	Elect gage&Tell Tale
indicator	Warning device	1	Not Available	
Fuel indicator	Туре	Electric gage with	pointer	Elect gage&Tell Tale
	Warning device	Not Available		Not Available
	Type (standard)	Two speed-manual co	ntrol-fluidic	2-Spd-Elect Cont-Fl
Wind- shield	Type (optional)	Intermittent		Intermittent std
wiper	Bladelength	454 mm (18 inches)		
	Swept area [cm²(in.²)]	5792 (898.0)		
Wind-	Type (standard)	Manual control		Electronic control
shield washer	Type (optional)	Not Available	····	Not Available
wasiici	Fluid level indicator	44		Standard
Horn	Туре	Vibrator		
	Number used	One (dual optional)		Dual
			Tachometer std	Digital & bar
Other			(Round dial,	Radiator level Tell
			pointer)	Tale. Systems OK
			,	Tell-Tale

<sup>\*</sup> Sport coupe same as Z28 when optional gage package is ordered.

\*\* Metric conversions included.

<sup>(</sup>a) IROC-Z +3° +0 + 5° (b) IROC-Z +4° +1-.5°

Car LineCAMARO			
Model Year 1985	_lssued _	7-84	Revised (•)

**METRIC (U.S. Customary)** 

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

	Make	Delco Remy		
	Model, std., (opt.)	70-405(a), 75-500(b)	75-500(a), 75-630(b)	
	Voltage	12 Volt		
Battery	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	Type and rating	(c,d,e)	66 Amp-Base, A/C 97 Amp	
or alternator	Ratio (alt. crank/rev.)	(c,d,e)		
	Optional (type & rating)	None		
Regulator	Туре	Micro circuit units integral with alternator		

Electrical - Starting System

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

**Electrical – Ignition System** 

	Conventio	nai (std., opt., n.a.)		
Туре	Electronic	(std., opt., n.a.)		
_	Other (spe	ecity)	High Energy Ignition	(HEI)
	Make		Delco Remy	<u> </u>
Coil	Model		Separate	
	Current	Engine stopped – A	0	
		Engine idling - A	5.5 max.	
	Make		AC	
	Model		R44TSX	R42 CTS
Spark olug	Thread (m	ım)	14	M14 x 1.25 SAE
olug	Tightening	torque [N-m (lb., ft.)]	20 (15)	9-20 (7-15)
	Gap		1.524 (.060)	1.143 (.045)
	Number pe	er cylinder	0ne	
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 UAl
- (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

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

**METRIC (U.S. Customary)** 

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

	Make	Delco Remy		
	Model, std., (opt.)	75-500		
	Voltage	12 Volt		
Battery	Amps at 0°F cold crank	500		
,	Minutes-reserve capacity	90 minutes		
	Amp/hrs 20 hr. rate			
	Location	Engine compartment ri	ight front	
	Type and rating	42 Amp standard, 78 A	Amp A/C 94 Amp standard	
Generator or alternator	Ratio (alt. crank/rev.)	2.70 (non A/C), 3.09 A/C		
	Optional (type & rating)	None	77,70	
Regulator	Туре		integral with alternator	
Electrica	I – Starting System			
Start, motor	Current drain at 0°F	305 @ - 20°F	390 @ - 20°F	
	Engagement type	Positive shift soleno		
Motor drive	Pinion engages from (front, rear)	Rear		
Electrica	l – Ignition System			
	Conventional (std., opt., n.a.)			
Туре	Electronic (std., opt., n.a.)			
	Other (specify)	High Energy Ignition	(HEI)	
	Make	Delco Remy	<del></del>	

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

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.

 Car Line
 CAMARO

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**METRIC (U.S. Customary)** 

Engine	Description/Carb.
<b>Engine</b>	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** 

Conventional (std., opt., n.a.)		nal (std., opt., n.a.)		
Туре	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	<del></del>
	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.

<u>CAMARO</u> Car Line \_ 1985 7-84 Model Year\_ \_ Issued . \_\_ Revised (•) \_

METRIC (U.S. Customary)

Body Type		2-Door Hatchback Coupes					
		1FP87	1FS87	Z28			
Body I	<b>M</b> iscellaneous	Information					
	sh (lacquer, enamel,			Lacquer or enamel			
туро от план	Hinge location (fr			Rear	<u>.</u>		
Hood	Type (counterbal			Gas strut assist			
	Release control (internal, external)		Internal				
Trunk	Type (counterbal		<del></del> -	••			
lid	Internal release of	Internal release control (elec., mech., n.a.)			· · · · · · · · · · · · · · · · · · ·		
Hatch-	Type (counterbal	Type (counterbalance, other)		Dual gas struts			
back lid	Internal release of	Internal release control (elec., mech., n.a.)		Electric release optional			
Bumper	Bar material & m	Bar material & mass, kg (weight, lbs.)		Front end facia; ur		<u> </u>	
front	Reinforcement m	Reinforcement material & mass, kg (lbs.)		Front bar asmstee	1 10.864(23.9)Absort	per-Polyethylene	
Bumper	Bar material & m	Bar material & mass, kg (weight, lbs.)		Rear end facia; ure	thane 3.588 (7.9)	3,005)6.6	
rear	Reinforcement m	aterial & mass, kg	. (lbs.)	Rear bar asm. steel	6.420(14.2); Absorbe		
	w control (crank,	Front		Not Available		2.699 (5.6	
friction, pivo	ot, power)	Rear		Not Available			
Seat cushio		Front		Molded foam pad			
(e.g., 60/40, wire, foam e	, bucket, bench, etc.)	Rear		Molded foam pad		···	
	<del></del>	3rd seat				·	
Seat back ty		Front		Molded foam pad		· · · · · · · · · · · · · · · · · · ·	
wire, foam e	, bucket, bench, etc.)	Rear		Molded foam pad			
		3rd seat	· · · · · ·	Top left hand side	of instrument namel		
Vehicle ider	ntification no. location	ı —		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 sk	ope angle (deg.)	H121		71.0°			
Windshield slope angle (deg.) H122		62.0°					
Tumble-Hon	<del></del>	W122	ļ	31.5°			
surface area		S1		9000.4 (1395.0)			
Side glass exposed surface area [cm²(in.²)] - total 2-sides		6519.8 (1010.6)					
Backlight glass exposed surface area [cm²(in.²))		6232.0 ( 966.0)					
Total glass exposed surface area [cm²(in.²)]		21752.2 (3371.6)					
Windshield glass (type)		Curved-Laminated Plate					
Side glass (t			<u> </u>	Curved-Tempered Plate			
Backlight gla	ass (type)		<u> </u>	Curved-Tempered Plate			
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CarLine	CAMARO.		_	
Model Year	1985	Issued7	7-84	Revised (•)

		2-Door Hatchback Coupes				
Body Type		1FP87	1FS87	Z28		
Restraint	System					
Active	Standard/optional	Standard				
Type and description  Location	Type and description	3-point shoulder/lap belts - front; lap belts-rear				
	Location	2-front, 2-rear				
	Standard/optional	Not available				
Passive power/manual seat pelts 2 or 3 point	Power/manual					
	2 or 3 point					
	Knee bar/lap belt					

Car Line CAMARO		
1985	. 7-84	<del></del>
Model Year	_Issued / TO4	_ Revised (•)

Body Type		2-Door Hatchback Coupes
		1FP87 1FS87 Z28
Convenie	nce Equipment (standard, optior	nai, n.a.)
Air conditionin auto, temp cor	g (manual, ntrol)	Optional-Manual control sport coupe and Z28, Electronic control Berlinetta.
Clock (digital,	analog)	Optional-Analog sport coupe, standard Z28 (a)
Compass / the	ermometer	Not Available
Console (floor	, overhead)	Floor standard, overhead opt. 1FP87 & Z28, standard 1FS87.
Defroster, elec	backlight	Optional
	Diagnostic warning (integrated, individual)	Not Available
	Instrument cluster (list instruments)	Not Available spedo.odo.tach. Not Available
	Keyless entry	Not Available
Electronic	Tripminder (avg. spd., fuel)	n n
	Voice alert (list items)	ft 13
	Other	h n
Fuel door lock	(remote, key, electric)	Not Available
	Auto head on / off delay, dimming	Not Available
	Cornering	Not Available
	Courtesy (map, reading)	
	Door lock, ignition	Optional-Sport coupe and 728, standard Berlinetta
Lamps	Engine compartment	Not Available
	Fog	Optional
	Glove compartment	Not Available
	Trunk	Standard (compartment in floor console)
	Other	Optional
	Citio	Not Available
	Day/night (auto. man.)	Standard (manual)
Mirrors	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
	Door locks / deck lid - specify	Optional - Electric, doorlocks and rear hatch release.
	Seat (2-4-6 way) heated (driver, pass, other)	Optional 6 way navon duivoulo cost
	heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass)	Optional 6-way power driver's seat
Power	memory (1-2 preset, recline)	Standard-Reclining both seats
equipment	Side windows	Uptional Not Available
	Vent windows	Not Available Not Available
	Rear window	NOC AVAITABLE
Radio	Antenna (location, whip, w/shield, power)	R.F. fender fixed mast with radio, power optional.
systems	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	g device (light, buzzer,etc.)	Not available
Tachometer (η	pm)	Optional Standard
Theft protectio	n-type	Lock mounted on steering column-locks str./wheel, trans. shift levers and ignition.

<sup>(</sup>a) Berlinetta, digital in radio standard, optional other models.

Car Line	<u>CAMARO</u>				
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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.

	8AE		2-Door Hatchback Coupes	
Body Type	Ref. No.	1FP87	IFS87	
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)	1 .0.0 ( 00.3)	
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	of t	<b>*</b>	
runk/cargo load		ak a	k	
fehicle height	H101	1271 (50.0)	· · · · · · · · · · · · · · · · · ·	
owl 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 **				
ront bumper to ground	H102	283 (11.2)		
Rear bumper to ground	H104	317 (12.5)		
Sumper to ground [front it curb mass (wt.)]	H103	304 (12.0)		
Bumper to ground [rear at curb mass (wt.)]	H105			
Angle of approach (degrees)	H105	334 (13.2)		
ungle of departure (degrees)	H106	16.5°		
Ramp breakover angle (degrees)	H107	18.6°		
Rear axle differential to ground	H153	12.9°		
	1 10133	172 (6.8)	171 (6.7)	
Ain. running ground clearance	H156	121 (4.8)		

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

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.

<sup>\*\*</sup> All Vebicle Height And Ground Clearances Are Made Using EPA Loaded Vebicle Weight, Loading Conditions.

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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.

	SAE	2-Door Hatchback Coupes			
Body Type	Ref. No.	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)			

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

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.

<sup>\*\*</sup> All Vebicle Height And Ground Clearances Are Made Using EPA Loaded Vebicle Weight, Loading Conditions.

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METRIC (U.S. Customary)
Car and Body Dimensions

See Key Sheets for definitions

	SAE	upes		
Body Type	Ref. No.	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)		<del></del> .
Design H-point front travel	L17	192 ( 7.6)		
Shoulder room	wз	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 Clas	sificatio	n)	<del>-</del>	
Vehicle class		Sub-Compact		
Interior volume index (cu. ft.)	7 1	84.9		<del></del>
Trunk/cargo index (cu. ft.)	<del></del>	12.4		

All linear dimensions are in millimeters (inches).

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

<sup>\*\*</sup> EPA Loaded Vehicle Weight, Loading Conditions

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

Body	Type

SAE Ref.		2-Door Hatchback Co	oupes
No.	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 [m³(ft.³)]	V2	
Hidden cargo volume [m3(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 [m³(ft,³)]	V3	879 (31.0)	771 (27.2)	879 (31.0)
Hidden cargo volume [m³(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 [m²(ft²)]	=	 
Drag coefficient (Cd)		

<sup>\*</sup> Describe measurement method.

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Body Type		Door Hatchback Coupes		
	1FP87	1FS87	Z28	_

#### Vehicle Fiducial Marks

iducial Mark umber*		Define Coordinate Location
ront	Х -	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
	Υ -	Fiducial mark to centerline of car - front, width measuremen 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 locate on top of the front seat adjuster mounting bolt.
	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).
ear	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).
ducial	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).
lark umber		
	21 540	
<u> </u>	688	<del></del>
· -	81 -32 161 296	
<u></u>	163 277	
-		
l u	22 548	( 21 6)
<b>⊢</b>	55 2815	
<b>⊢</b> −	B2 96	<del></del>
Н	162 417	
** H	164 400	(15.7) 407 (16.0)
	* Ve	rtical Base Grid 2000 mm line. rizontal Base Grid 500 mm line.

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

MVMA-C-85

<sup>\*\*</sup> EPA Loaded Vebicle Weight, Loading Conditions

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**Body Type** 

SAE Ref.	2-	Door Hatchback Coupes	3
No.	1FP87	1FS87	Z28

Lamps and	Headlamp Sh	ape*		
	Headlamp (H127)	Highest**	641 (25.2)	
Height above ground to Taillamp	Lowest	641 (25.2)		
	Highest**	776 (30.5)		
(H128)		Lowest	776 (30.5)	
		Front	511 (20.1)	
		Rear	706 (27.8)	
	Headlamp	Inside	487.5 (19.2)	
		Outside**	667.5 (26.3)	
Distance from C/L of car to	Taillamp	Inside		
center of bulb		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	

<sup>\*</sup> Measured at curb mass (weight).
\*\* If single lamps are used enter here.

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Model Standard 2-Door Hatchback Coupe IFP87  Berlinetta 2-Door Hatchback Coupe IFS87	706.8 (1558)	Rear 600.0	Total 1306.8 (2881)		PASS. MASS In Front Rear	DISTRIBUTION Pass in Front		SHIPPING MASS, kg (weight, lb.)**
Standard 2-Door Hatchback Coupe IFP87 Berlinetta 2-Door Hatchback	706.8 (1558)	600.0	1306.8			<del></del>		MASS, kg (weight, lb.)**
2-Door Hatchback Coupe IFP87  Berlinetta 2-Door Hatchback	(1558)	600.0	1306.8	Front	Rear	Front	Rear	
Berlinetta 2-Door Hatchback	(1558)		1			<del> </del> -		
Berlinetta 2-Door Hatchback	(1558)		1			İ	<del> </del> -	
Berlinetta 2-Door Hatchback		(1323)	(2001)	1				1270.4
2-Door Hatchback								(2801)
2-Door Hatchback	<del> </del>	I						
				<del>                                     </del>			<u> </u>	<del> </del>
Coupe 1FS87	755.4	631.0	1386.4	<del>                                     </del>			<del></del>	1350.0
	(1665)		(3056)					(2976)
728	ļ							
.20	<del>                                     </del>						<del> </del> -	
2-Door Hatchback	845.2	629.4	1474.6				<del>                                     </del>	1438.2
Coupe 1FP87 w/Z28	(1863)		(3251)					(3171)
IROC-Z								
2-Door Hatchback	863.4	642.1	3505 F			-		
Coupe 1FP87 W/Z28/B4Z	(1903)	(1416)	1505.5 (3319)	<del> </del>		<del> </del>	ļ	1469.1
	1,300/	1110	(3313)					(3239)
unh Woight The galawla	4 - 4							
Curb Weight - The calcula only as des	igned w	gnt or i	a venicie i	with si	andard	equipm	ent	
coolants, a	rd fuel	all fi	lled to ca	nacity	01 011	, rubes		<del></del>
				Juc 101				
hinning Weight - Samo as	base s	und was	ab4					
Shipping Weight - Same as	Dase C	urb we	unt. excep	L 3 ga	ions of	r gasol	ine.	
	-							
	<del> </del>							
						<del></del>		
								· · · · · · · · · · · · · · · · · · ·
	<del>                                     </del>			-				<u> </u>
	<del>                                     </del>					•		· · · -
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<sup>\*</sup> Reference – SAE J1100a, Motor vehicle dimensions, curb weight definition.
\*\* Shipping mass (weight) definition –

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

		C	optional Equ	ipment Differential Mass (weight)*
Equipment		ASS, kg. (wei		Remarks
, ,	Front	Rear	Total	
Power Seat, 6-Way, (Driver's side only)	2.2	2.8	5.0	All models
RPO-AG9	(4.8)	(6.2)	(11.0)	(merchandising option for RPO-AC3)
RPU-AG9	<del> </del>			
Power Door Locks -	.8	1.0	1.8	All models
Electric. RPO-AU3	(1.8)	(2.2)	(4.0)	
Power Windows - Electric	1.2	<u> </u>	2 2	A11
RPO-A31	(2.6)	1.0	2.2	All models
RPU-AST	( 2.0)	(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)	Ontional Smoot Course B 700
-Forced w/BI8 Custom	( 0.0)	(13.9)	(22.5)	Optional Sport Coupe & Z28, Base equipment on Berlinetta
(except Z28).	<del> </del>			base equipment on Berlinetta
-Includes U29 Courtesy	<del> </del>	<u> </u>		
Lights RPO-BS1		<b></b>		
Lights Ki 0-031				<u> </u>
Molding Roof Drip-Black	.2	.2	.4	All models
(Not available with	(0.4)	( 0.4)	( 0.9)	ATT MODE 13
RPO-CC1 Removable	\/	1 0 / 1	( 0.5/_	
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)	
RP0-B34				
Mats, Rear Floor -	.2	.6	.8	All models
Colored-Keyed carpet	(0.4)	( 1.3)	( 1.8)	VII MONETZ
RPO-B35	<u>, , , , , , , , , , , , , , , , , , , </u>	1.0/	1.1.0)	
Deluxe Luggage	2	2.0	1.8	Optional Sport Coupe & Z28
Compartment Trim	(-0.4)	(4.4)	(4.0)	Base equipment on Berlinetta
RP0-B48				
Moldings-Body Side-Black	.2		.6	All models
RPO-B84	(0.4)	( 0.9)	(1.3)	ATT IIIUUETS
	/	<del></del>		
Moldings - Door Edge	.2	0	.2	All models
Guards - Black	(0.4)	(0)	(0.4)	
RP0-B93				

<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

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		•	Optional Equ	ipment Differential Mass (weight)*
Equipment		AASS, kg. (wei	ght, lb.)	
	Front	Rear	Total	Remarks
Roof-Removable Hatch	5.8	9.6	15.4	All models, includes storage
Panels-Glass RPO-CCT	(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)	ATTIMODETS
Defogger-Rear Window				
(Electric) RPO-C49	0	.6	.6	All models
(Electric) RPU=049	(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)		(60.7)	Sport Coupe
Air Conditioning	29.0	2.2	31.2	
(Electronic Control)	(63.9)	(4.8)	$\frac{31.2}{(68.7)}$	Optional Berlinetta only.
RPO-C67	(03.9)	( 4.0)	(00.7)	
Sport Minnons Floats	10			
Sport Mirrors - Electric Remote Control-R.H.&L.H	1.2	.4	1.6	All models
-Controls on L.H. Door	. 1 2.0)	( 0.9)	(3.5)	
Panel. RPO-DG7	<del></del>		<del>.</del>	
Roof Console	.6	.2	8	Optional Sport Coupe & Z28,
(Requires RPO-B18 or BS RPO-DK6	1.)(_1.3)	(0.4)	(1.8)	Base equipment on Berlinetta.
Missess O. t. i. L. D. (II)				
Mirrors-Outside R/V	1.4	.4	1.8	Optional Sport Coupe
Sport (L.H. Remote, R.H. Manual,) RPO-D35	( 3.1)	( 0.9)	(4.0)	Base equipment on Berlinetta & Z2
Rear Compartment	4	3.0	2.6	All models
Cargo Area Cover	(-0.9)	$\frac{3.0}{(6.6)}$	(5.7)	All models
RP0-D42	1 0.37	0.0/	(3.7)	
Spoiler-Rear Deck Lid	-	24	1.0	0
(3-piece) RPO-D80	(-1.3)	2.4	1.8	Optional Sport Coupe & Berlinetta
TO PICCO REU-DOU	11-1-3/	(5,3)	(4.0)	Base on Z28
	<del> </del>			

<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

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	Optional Equipment Differential Mass (weight)*					
Equipment	N.	AASS, kg. (wei	ght, lb.)			
· ` `	Front	Rear	Total	Remarks		
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	<u></u>	ļ				
Bar, Specific Steering Gear.)		ļ <u> </u>				
RPO-F41		<del> </del>				
Kr0-141	<del></del>					
Power 4-Wheel Disc	0	7.0	7.0	All models		
Brakes. (Requires V8	(0)	(15.4	(15.4)	ATT IIIOUETS		
Engine)	(0)	(13.7)	(13.4)			
RP0-J65						
0 000						
Cruise Control-Three Mode	2.8	0	2.8	All models		
with Resume Feature.	(6.2)	(0)	( 6.2)			
(Available on Manual or		1-7				
Automatic Transmissions.)						
RP0-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)	120.0	2 6	100 4	0 1 1 700		
5.0 Liter V8 (305 CID)  RPO-LB9	120.8 266.3)	2.6	123.4	Optional Z28 only		
KPU-LD9	200.3)	( 3./)	(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)		operanal aport deape a base for 220		
	, ,		<u> </u>			
-	73.0	1.6	74.6	Optional Berlinetta		
	160.9)	(3.5)				
			<del></del> ` <del>'</del>			
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)			
RP0-L69						
5-Speed Manual	-5.6	-2.0	- 7.6			
Transmission	-12.3)	(-4.4)	(-16.7)			
RPO-MM5				,		
			-			
	_					

<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

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

		C	ptional Equi	pment Differential Mass (weight)*		
	MASS, kg. (weight, lb.)					
Equipment	Front	Rear	Total	Remarks		
Automatic Transmission	5.8	2.0	7.8	With LQ9 L-4 engine		
With Overdrive (700-R4)	(12.8)	(4.4)	(17.2)			
RPO-MXO						
	5.8	2.0	7.8	With LB8-V6 engine, Sport Coupe		
	(12.8)	(4.4)	(17.2)			
<del></del>	12.0	4.0	16.0	With LB8-V6 engine, Berlinetta		
	(26.4)	(8.8)	(35.3)			
	10.0	4.0	16.0	11:41 104 110		
	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 LCA VO anging Daylingtha		
	(38.8)		(52.0)	With LG4-V8 engine, Berlinetta		
	130.07	113.21	(52.0)			
	12.0	4.2	16.2	With LB9 & L69 V8 Engine, Z28 only.		
	(26.4)		(35.7)	with 209 & 209 to Engine, 220 only.		
	1 1 5 5 1 7	· /	(50.7)			
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- <b>N</b> 90	(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-PO1	( 1.3)	(1.3)	(2.7)			
Kt 0-1 0 t	1.5/	1.5/	(2./)	<u> </u>		
Lamp Group-Auxillary	0	.4	.4	All models		
Includes:	(ŏ)	( 0.9)	( 0.9)	ATT MODE 13		
-Buzzer, Headlamp on	1 10/	<del>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </del>	(0.5)			
Warning RPO-T63	†					
-Rear Compartment						
Light RPO-U25			<u> </u>			
-Underhood Light						
RP0-U26						
-Dome/Map Reading	<u> </u>					
Lamp RPO-C95						
Package Number RPO-TR9						
Pattony Hoavy Duty	- 0 0					
Battery-Heavy Duty RPO-UAl	2.8	4	2.4			
KPU-UAT	(6.2)	(-0.9)	(5.3)			
	<del>  </del>					
	<del> </del>	<del></del>				
	<del>                                     </del>	<del></del>				
Also see Engine - General Section for dressed engine						

<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

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

METRIC (U.S. Customary)

		C	ptional Equi	ipment Differential Mass (weight)*
Equipment	N	IASS, kg. (weig	ght, lb.)	
	Front	Rear	Total	Remarks
Horns-Dual	.6	2	.4	Optional Sport Coupe & Z28.
RP0-U05	(1.3)	(-0.4)	(0.9)	Optional Sport Coupe & Z28, 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	1			
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-ULI & UU7)	+	. 0/	()	- equipment on 220 coupe
RPO-U35				
Radio AM Pushbutton	1.2	.2	1.4	Optional Sport Coupe and Z28
(Consists of RPO-U73	( 2.7)	(0.4)	$\frac{1.4}{(3.1)}$	Coupe Coupe and 228
Mast Antenna).	( 2./)	( 0.4)	(3.1)	Coupe
RPO-U63	-			
Dodio AM/FM Duckh the				
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)				
RP0-U73				
Antenna-Power	1.4	.2	1.6	All models
(Consists of RPO-UN9	( 3.1)	( 0.4)	( 3.5)	not moders
Radio Suppression	<del>  ` ` ` ' /  </del>	· V•7/	V.J.	
Equipment requires	† <del>  </del>		·	
Radio) RPO-U75	<del>                                     </del>			
			<del></del>	
Speakers-Auxilliary	0	1.2	1.2	Optional Sport Coupe & 728 Coupe
Dual Rear (Requires	(0)	(2.7)	(2.7)	TET TO COUPE
RPO-UP7 Used only with	• • • • • • • • • • • • • • • • • • •	<del>//</del>		
RPO-U63 or U69 Radio)			<u> </u>	
RPO-U81				
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<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

Car Line	CAMARO			
Model Year _	1985	Issued7-84	Revised (*)	

			)ptional Equi <sub>l</sub>	pment Differential Mass (weight)*	
Equipment	MASS, kg. (weight, lb.)			<b>D</b>	
	Front	Rear	Total	Remarks	
Cooling-Heavy Duty RPO-V08	(1.3)	(0)	.6 (1.3)	All models, without RPO-C60	
	.6	0	.6	All models with RPO-C60	
	( 1.3)	(0)	( 1.3)		
Extended Range Sound	6.2	4.8	11.0	Optional Sport Coupe & Z28 Coupe	
System, AM/FM Stereo ETR Radio, with Clock.	(13.2)	(10.6)	(24.3)		
(Includes RPO-UP8, U73,					
U79, UL1, VE8) RPO-YE1			· · · · ·		
Extended Range Sound	6.0	4.6	10.6	Optional Sport Coupe & Z28 Coupe	
System, AM/FM Stereo	(13.2)	(10.1)	(23.3)	- Voge	
ETR Radio-Cassette	<del>  -</del>				
with Clock and Graphic Equalizer. (Includes	<del> </del>				
RPO-VE8, UU6, UP8, U73	<del>                                     </del>				
UZ9) RPO-YF2				·	
Extended Range Sound	6.2	4.2	10.4	Optional Sport Coupe & Z28 Coupe	
System, AM/FM Stereo	(13.7)	(9.3)	(23.0)		
ETR Radio-Cassette,					
with Clock. (Includes					
RPO-UE8, UP8, U79, U73,					
<u>UU7) RPO-YE4</u>	-				
Extended Range Sound	3.8	3.8	7.6	Optional Sport Coupe & Z28 Coupe	
System AM/FM Stereo	(8.4)	(8.4)	(16.8)	optional sport coupe a 228 coupe	
ETR Radio. No Clock	1 0.17	<del>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </del>	(10.0)		
(Includes RPO-UP8, UU9,					
U73, U79.) RPO-YF1	<u> </u>				
Wheels - Rally (With Caps & Rings	3.4	3.4	6.8 (15.0)	Optional Sport Coupe.	
(With Caps & Rings RPO-ZJ7	( 7.5)	( 7.5)	(15.0)	d eros o conper	
KrU-ZU/	-				
Special Export Package	2.4	5.8	8.2	Optional-Z28 only	
RPO-ZK3	(5.3)	(12.8)	(18.1)		
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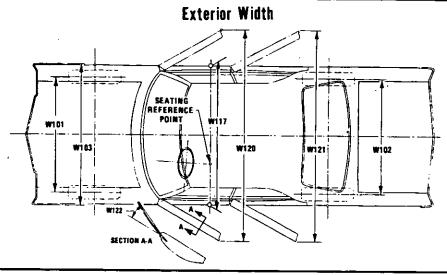
<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

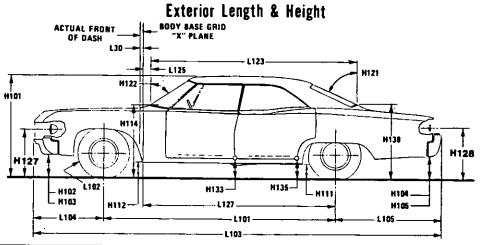
Car Line	CAMARO				
Model Year _	1985	Issued	7-84	Revised (	)

Optional Equipment Differential Mass (weight)*						
Equipment	MASS, kg. (weight, ib.)					
	Front	Rear	Total	· Remarks		
Special Performance	32.4	8	31.6	Z28 model option applied to IFP87.		
Package	(71.4)	(-1.8)	(69.6)	Used with RPO-LG4 engine		
Includes:		1				
-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						
RP0-T93	<u> </u>					
-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-N9O.						
RP0-Z28						
			*			
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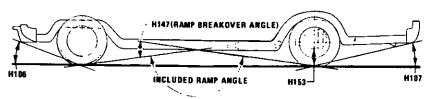
<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

#### Exterior Car And Body Dimensions – Key Sheet



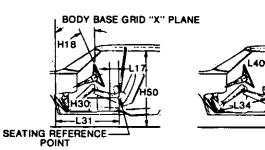


#### **Exterior Ground Clearance**

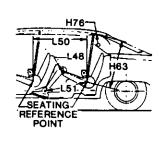


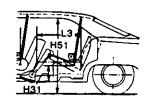
#### Interior Car And Body Dimensions – Key Sheet

#### **Front Compartment**

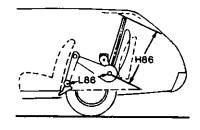


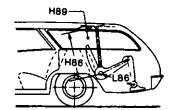
#### **Rear Compartment**

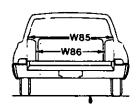


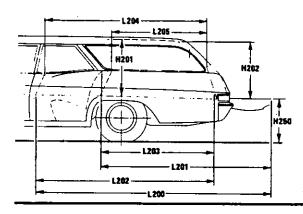


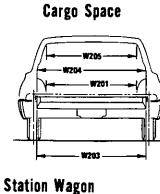
#### **Third Seat**

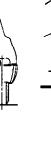


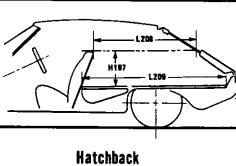




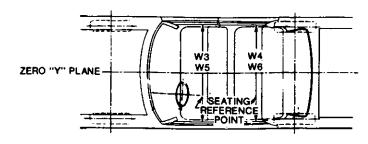








Interior Width



**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 verti-
  - 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 clossed 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.

**METRIC (U.S. Customary)** 

Interior Car And Body Dimensions - Key Sheet **Dimensions Definitions** 

- ANGLE OF APPROACH. The angle measured between a H106 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.
- ANGLE OF DEPARTURE. The angle measured between H107 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.
  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.
- 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

- PD<sub>1</sub> PASSENGER DISTRIBUTION-FRONT.
- L31 SgRP-FRONT "X" COORDINATED
- EFFECTIVE HEAD ROOM-FRONT. The dimension mea-H61 sured along a line 8 deg. rear of vertical from the SgRP-
- front to the headlining plus 102 mm (4.0 in.).
  EFFECTIVE T-POINT HEAD ROOM-FRONT. The mini-H75 mum 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.
- SgRP-FRONT TO HEEL. The dimension measured venti-H30 cally from the SgRP-front to the accelerator heel point.
- DESIGN H-POINT-FRONT TRAVEL. The dimension mea-L17 sured horizontally between the design H-point-front in the
- foremost and rearmost seat trace positions.

  SHOULDER ROOM-FRONT. The minimum dimension measured laterally between the trimmed surfaces on the W<sub>3</sub> "X" plane through the SgRP-front within the belt line and 254 mm (10.0 in.) above the SgRP-front.
- HIP ROOM-FRONT. The minimum dimension measured W<sub>5</sub> 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.
- UPPER BODY OPENING TO GROUND-FRONT. The di-H50 mension measured vertically from the trimmed body opening to the ground on the SgRP-front "X" plane.

  STEERING WHEEL ANGLE. The angle measured from a
- H<sub>1</sub>R 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 rid-
- ing position specified by the manufactuer.

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

#### **Rear Compartment Dimensions**

- PD2 PASSENGER DISTRIBUTION-SECOND.
- SgRP COUBLE DISTANCE. The dimension measured L50 horizontally from the driver SgRP-front to the SgRP-second.

- EFFECTIVE HEAD ROOM-SECOND. The dimension **H63** 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.
- MINIMUM EFFECTIVE LEG ROOM-SECOND. The di-L51 mension measured along a line from the ankle pivot center to the SgRP-second plus 254 mm (10.0 in.).
- SgRP-SECOND TO HEEL. The dimension measured ver-H31 tically from the SgRP-second to the two dimensional device heel point on the depressed floor covering.

  KNEE CLEARANCE-SECOND. The minimum dimension
- L48 measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
- COMPARTMENT ROOM-SECOND. The dimension mea-L3 sured 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
- UPPER BODY OPENING TO GROUND-SECOND. The H51 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

- 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 proce-
- dure described in paragraph 8.2 of SAE-J1100a. LIFTOVER HEIGHT. The dimension measured vertically H195 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

- PASSENGER DIRECTION-THIRD.
- SHOULDER ROOM-THIRD. Measured in the same man-WR5 ner as W5.
- **W86** HIP ROOM-THIRD. Measured in the same manner as W5. EFFECTIVE LEG ROOM-THIRD. The dimension mea-L86 sured 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 head-
- lining rear of vertical plus a constant of 102 mm (4.0 in.). EFFECTIVE T-POINT HEAD ROOM-THIRD. Measured in HAG the same manner as H75.
- L-88 Same as L-40.

#### Station Wagon - Cargo Space Dimensions

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

Interior Car And Body Dimensions – Key Sheet Dimensions Definitions

#### 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.

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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.

ventional door type tailgate, at the zero "Y" plane.

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:

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

Measured in mm:

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

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer. V10 STATION WAGON (REAR OF SECOND SEAT)
Measured in inches:

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

Measured in mm:

#### 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.

cle 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:

$$\frac{1208 + 1209}{2} \times W4 \times H197 = ft.^3$$

Measured in mm:

$$\frac{1208 + 1209}{2} \times W4 \times H197$$
= m<sup>3</sup> (cubic meter)

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

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

Measured in mm:

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