# MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

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

Passenger Car

1987

Manufacturer	Chevrolet Motor Division General Motors Corporation	Car Lin	18	Camaro		<del>,</del>
Mailing Addres	S Chevrolet-Pontiac-Canada Group Engineering Center General Motors Corporation	<del>-</del>		·		
	30003 Van Dyke Warren, MI 48090-9060	Issued	June,	1986	Revised NOVEMBER,	1986

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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Motor Vehicle Manufacturers Association of the United States, Inc.

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

### **Table of Contents**

. 1	Car Models
2	Power Teams .
3-6	Engine
4	Lubrication System
4	Diesel Information
5	Cooling System
6	Fuel System
7	Vehicle Emission Control
7	Exhaust System
8-10	Transmission, Axles and Shafts
11	Suspension-Front and Rear
12-13	Brakes
13	Tires and Wheels
14-15	Steering
15-16	Electrical
17	Body - Miscellaneous Information
18	Restraint System
18	Frame
18	Glass
19	Convenience Equipment
20-22	Car and Body Dimensions
23	Vehicle Fiducial Marks
24	Lamps and Headlamps
25	Vehicle Mass (Weight)
26	Optional Equipment Differential Mass (Weight)
27-33	Car and Body Dimensions Definitions - Key Sheets
34	Index

### 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).
- The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
- 4. Additional Car and Body Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

METRIC (U.S. Customary)

Car Line	<u>CAMAR</u> O		
Model Year	1987 Issued	6-86 Revised (•)	11-86

### **Car Models**

Model Description & Drive (FWD:RWD)	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designa Seating Position (Front/Rear	MS	Max. Trunk Cargo Load-Kilograms (Pounds)
REAR WHEEL DRIVE				<del></del>	(1 00103)
CAMARO		MODEL Number	FRONT	/REAR	
Sport Coupe					
2-Door Sport	Coupe	1FP87	2	2	45.4 (100.1)
Model Option					,
LT					
2-Door Sport	Coupe	1FP87/B4E	2	2	45.4 (100.1)
Z28					(
2-Door Sport	Coupe	1FP87 w/Z28	2	2	45.4 (100.1)
IROC-Z					(10001)
2-Door Sport (	Coupe	1FP87/Z28/B4Z	2	2	45.4 (100.1)

All models share common hatchback body.

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

 Car Line
 CAMARO

 Model Year
 1987

 Issued
 6-86

 Revised (●)
 1-87

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

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	<del></del>	DRIVE RAT	
SERIES AVAILABILITY	Displ. Liters (in <sup>3</sup> )	Carb. (Barrels, FI, etc.)	Compr. Ratio	Power kW (bhp)	Torque N • m (lb. ft.)	haust⊘ S⁄D	TRANSMISSION' TRANSAXLE	Overall Base Veh. # Drive	RATIO Overall Opt. Veh. Drive
lFP00-All States-Base Except Z28	V6 2.8L (173 CID) LB8	MFI **	8.9:1	(135 @ 4900)	160 @ 3900)	S	Man. 5-Spd. (MB1) 4.03 Low/Base Auto '700-R4' Avail (MD8)	3.42+ 2.60 3.42+ 2.39	
IFP00 Avail-All States	V8 5.0L (305 CID) LG4	4-Bb1	9.3:1	(165 @ 4400)	(245 @ 2800)	S		3.23 2.03 2.73 1.91	
IFP with Z28-Base				(170 @ 4400)	(250 @ 2800)	D		3.23 2.03 2.73 1.91	•• ••
Avail All States Z28/IROC	V8 5.OL (305 CID) LB9	TPI ***	9.3:1	`@ 4400) (190 @	(295 @ 3200) (295 @ 3200)	D	Man. 5-SpdM39 MK6 2.95 Low/Base Auto '700-R4' (MD8) Opt.	3	.45% 12.17 .45% 12.55@ .231 2.26
Avail All States Z28/IROC	V8 5.7L (350 CID) L98	TPI @ ***	9.3:1		(330 @ 2800)	D	Auto '700-R4' Base	3.27 2.29\$%	
# - 194mm (7.5/ \$ - 197mm (7-3/ * - Electroni ** - Multi-Por *** - Tuned-Por + - Not avail % - With Rear ¶ - Not avail @ - MK6 with	4" ring c Fuel ] t Fuel ] t Fuel ] able wif Disc Br able wif	gear. nject nject nject h lim akes 6 h Z28	on. ion. ited s inly. IROC	only.		87			

Car Line	CAMARO					
Model Year	1987	Issued	6-86	Revised (•)	11-86	_

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code	2.8 Liter V6 (173 CID) (2.8 Multi Port FI)	
	RPO LB8	•

### ENGINE-GENERAL

ENGINE-GEN		
Type & description (in flat, location, front, mic transverse, longitudin ohv, hemi, wadge, pre	d, rear, al, soho, doho.	60°V
Manufacturer		Chevrolet
No. of cylinders		6
Bore	<del></del>	89.0 (3.50)
Stroke		76.0 (2.99)
Bore spacing (C/L to 0	C/L)	111.8 (4.40)
	å mass kg (lbs.) (machined	Cast Iron 41.731 (91.9)
Cytinder block deck he	right	224 (8.82)
Cylinder block length	· · · · · · · · · · · · · · · · · · ·	224 (0.02)
Deck clearance (minim (above or below block)	num)	0.12 (.0047) Below
Cylinder head material	& mass ko ((hs.)	Cast Iron 11.227 (24.8)
Cylinder head volume (		Cust 11011 11.227 (24.0)
Cylinder liner material		
Head gasket thickness (compressed)		.838 (.033)
Minimum combustion c total volume (cm <sup>3</sup> )	hamber	51.546 (2.029)@
Cyl. no. system	L. Bank	1-3-5
(front to rear)*	R. Bank	2-4-6
Firing order	<u> </u>	1-2-3-4-5-6
intake manifold materia	l & mass [kg (fbs.)]**	
Exhaust manifold mater		Cook 1 (2 520 (2 0) 2
Recommended fuel (leaded, unleaded, dies		
Fuel antiknock index	(R + M)	Unleaded 87
Total dressed engine ma	BSS (wt) dry***	305 3 (402 2)
Engine – Pistons	B	195./ (431.4) Auto. 206.9 (456.1) Man.
Asterial & mass, g weight, oz.) - piston only		Aluminum alloy/.467 (1.0)
Engine – Camsh	oft	
ocation		In block above crankshaft
Aaterial & mass kg (weig	iht, tbs.)	Cast iron/3.098 (6.83)
krive type	Chain/bett	Chain
	Width/pitch	19.4/60.9

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

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

<sup>&</sup>quot;" Finished state.

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

@-Piston at TDC, spark plug and valves in place, and

cylinder head torqued to specifications.

 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6-86
 Revised (●)
 11-86

METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4

### ENGINE-GENERAL

Type & description (inlin flat, location, front, mid, transverse, longitudinal, ohv, hemi, wedge, pre-c	rear, soho doho	90°V Front Longitudinal
Manufacturer	<del></del>	Chevrolet
No. of cylinders		8
Bore	<del></del>	94.89 (3.74)
Stroke		88.39 (3.48)
Bore spacing (C / L to C /	L)	111.8 (4.40)
Cylinder block material &	mass kg (ibs.) (machinec)	Cast Iron 68.674 (151.4)
Cylinder block deck heig		229.2 (9.025)
Cylinder block length		(31013)
Deck clearance (minimus (above or below block)	m)	.635 (.025) below
Cylinder head material &	mass kg (lbs.)	Cast Iron 19.800 (43.7)
Cylinder head volume (cr	<del></del>	Not Applicable
Cylinder liner material	<del></del>	HOU APPTICABLE
lead gasket thickness (compressed)		.533 (.021)
Minimum combustion che total volume (cm³)	Imber	55.2 (+/- 2.2)
Cyt. no. system	L. Bank	1-3-5-7
(front to rear)*	R. Bank	2-4-6-8
iring order	<del></del>	1-8-4-3-6-5-7-2
ntake manifold material &	mass [kg (lbs.)]**	Cast Aluminum/6.900 (15.2)
xhaust manifold materia		
Recommended fuel leaded, unleaded, diesel	)	Unleaded (9.6) L.H., 3.800 (8.4) R.H.
uel antiknock index	(R + M)	Uniteducu
	2	87
otal dressed engine mas	s (wt) dry***	275.1 (606.5) Auto. 290.8 (641.1) Man.
ingine – Pistons		
faterial & mass, g weight, oz.) - piston only		Aluminum .645 (l.4)
ingine – Camshai	lt	
ocation		In block above crankshaft
laterial & mass kg (weight	i.tbs.)	Steel 4.124 (9.1)
rive type	Chain/bett	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> Finished state.

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

METRIC (U.S. Customary)

CarLine	CAMARO				
Model Year	1987	_ Issued	6-86	Revised (*)	11-86

Engine	Description/Carb.
Engine	Code

5.0 Liter V8 (305 CID) (Tuned Port Fuel Injection) RPO LB9

### ENGINE-GENERAL

Type & description (i	nline, V, angle,	90°V
flat, location, front, m transverse, longitudi	iid, rear, Ral sobo dobo	Front
ahv, hemi, wedge, po	re-camber, etc.)	Longitudinal
Manufacturer		Chevrolet
No. of cylinders		8
Bore		94.89 (3.74)
Stroke		88.39 (3.48)
Bore spacing (C / L to	C/L)	111.8 (4.40)
Cylinder block materi	al & mass kg (lbs.) (machined)	Cast Iron/68.674 (151.4)
Cylinder block deck h		229.2 (9.025)
Cylinder block length		2272 (31023)
Deck clearance (mini (above or below block	mum) ()	.635 (.025) below
Cylinder head materia	al & mass kg (tbs.)	Cast Iron / 19.800 (43.7)
Cylinder head volume		Not Applicable
Cylinder liner materia		NOC APPTICABLE
Head gasket thicknes	s ,	
(compressed)	•	.533 (.021)
Minimum combustion total volume (cm <sup>3</sup> )	chamber	55.2 (+/- 2.2)
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
Intake manifold materi	al & mass [kg (lbs.)]**	
	erial & mass [kg (lbs.)]**	
Recommended fuel (leaded, unleaded, die		Cast Iron/L.H. 4.460 (9.8), R.H. 3.800 (8.4) Unleaded
Fuel antiknock index	(R + M)	Uniteraged
	2	_91
Total dressed engine n	nass (wt) dry***	254.1 (560.2) Auto. 297.9 (656.7) Man.
Engine – Piston	<u>s</u>	282.4 (622.6)
Material & mass, g (weight, oz.) - piston only		Aluminum/.645 (1.4)
Engine – Camsh	aft	
ocation		In block above crankshaft
Material & mass kg (wei	ght, lbs.)	Steel 4.200 (9.3)
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:

<u>CAMARO</u> Car Line 1987 6-86 Revised (●) 11-86 Model Year \_ issued

METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	Code

5.0 Liter V8 (350 CID) Tuned Port Fuel Injection (TPI) RPO L98

### ENGINE-GENERAL

	<del></del>	
Type & description (in	ntine, V, angle,	90°V
flat, location, front, m transverse, longitudi	id. rear, Dal. soho doho	Front
ohv, hemi, wedge, pr	e-camber, etc.)	Longitudinal
Manufacturer		Chevrolet
No. of cylinders		18
Bore	· · · · · · · · · · · · · · · · · · ·	101.6 (4.00)
Stroke		88.4 (3.48)
Bore spacing (C / L to	C/L)	111.8 (4.40)
Cylinder block materi	al & mass kg (lbs.) (machined)	Cast Iron/68.674 (151.5)
Cylinder block deck h		229.2 (9.025)
Cylinder block length		(0.020)
Deck clearance (minir	Tium)	
(above or below block	)	.025 below
Cylinder head materia	il & mass kg (fbs.)	Cast Iron 19.800 (43.7)
Cylinder head volume	(cm <sup>3</sup> )	Not Applicable
Cylinder liner material		The state of the s
Head gasket thicknes:	3	
(compressed)		.021
Minimum combustion of total volume (cm3)	chamber	75.47 Combustion chamber with piston at top dead center and
total volume (cm²)		all components in place torqued to specifications.
Cyl. no. system (front to rear)*	L. Bank	1-3-5-7
<del></del>	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
ntake manifold materi		Cast Aluminum 6.117 (13.5)
	rial & mass [kg (lbs.)]**	Iron 4.460 (9.8) L.H., 3.800 (8.4) R.H.
Recommended fuel leaded, unleaded, die:		(0.07) C.H.
.02000, 0/1162060, 016	sei)	<u>Unleaded</u>
uel antiknock index	(R + M)	
<del></del>	2	91
otal dressed engine m	ass (wt) dry***	284.5 (627.3) auto.
ngine – Piston	8	
Aaterial & mass. g		
weight, az.) - piston only		Impacted cast aluminum, .645 (1.4)
ngine – Camsh	aft	
ocation		In cylinder block "V" above crankshaft
laterial & mass kg (weig	ght, ibs.)	Steel 4 200 (9.3)

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

Drive type

Chain / belt

Width/pitch

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

Steel 4.200 (9.3)

15.976 (.625)/.5

Chain

<sup>\*\*</sup> Finished state.

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

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code

2.8 Liter V6 (173 CID)
(2.8 Multi-Port FI)
RPO LB8

Engine - Valve System

Hydraulic litters (std., opt., NA)		Standard
Valves	Number intake / exhaust	6/6
	Head O.D. intake / exhaust	43.64(1.72)/36.20(1.43)

**Engine – Connecting Rods** 

Material & mass [kg., (weight, lbs.)]*	SAE	1037	or	1038	Steel	300	(n a	۲
	JAL	1037	UI	1030	Siec i	•323	(U.Y	,

Engine - Crankshaft

Material & mass [kg., (weight, lbs.)]*		Nodular Cast Iron 14.170(31.24)
End thrust taken by bearing (no.)		3
Number of main bearings		4
Seal (material, one, two piece design, etc.)	Front	Fluoroelastomer, one-piece, lip seal
	Rear	Fluoroelastomer, one-piece, lip seal

**Engine** – Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	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.)	3.8 (4.0)

**Engine** – Diesel Information

Diesel engine	manufacturer		
	rrent drain at 0°F	NOT	
Injector	Туре		<del></del>
nozzle	Opening pressure [kPa (psi)]	APPLICABLE	
Pre-chamber	design		
Fuel in-	Manufacturer		
jection pump	Туре		
Fuel injection	pump drive (belt, chain, gear)		
	y vacuum source (type)		
Fuel heater (y	es/no)		
Water separat (std., opt.)	or, description		
Turbo manula	cturer		<del></del>
Dil cooler-type pil to ambient	(oil to engine coolant; sir)		
Oil filter			
		<u></u>	

Engine - Intake System

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

<sup>\*</sup>Finished State

METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	Code

5.0 Liter-V8 (305 CID) 4-Bbl. Carburetor RPO LG4

### Engine - Valve System

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

### Engine - Connecting Rods

Material & mass [kg., (weight, lbs.)]*	SAF	1037 or	1038	Steel	1 3881	8551

### Engine - Crankshaft

Material & mass [kg., (weight, lbs.)]*		Nodular Cast Iron/23.360(51.50)
End thrust taken by bearing (no.)		5
Number of main bearings		5
Seal (material, one, two	Front	Fluoroelastomer, one-piece, lip seal
piece design, etc.)	Rear	Fluoroelastomer, one-piece, lip seal

### **Engine** - Lubrication System

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

### Engine - Diesel Information

Diesel engine	manufacturer		
Glow plug, cu	rrent drain at 0°F	NOT	
Injector	Туре		
nozzie	Opening pressure [kPa (psi)]	APPLICABLE	
Pre-chamber			
Fuel in-	Manufacturer		
jection pump	Туре		
Fuel injection	pump drive (belt, chain, gear)		
	y vacuum source (type)		
Fuel heater (y	es/no)		
Water separat (std., opt.)	or, description		
Turbo manufa	cturer		
Dil cooler-type bil to ambient :	e (oil to engine coolant; air)		
Oil filter		· · · · · · · · · · · · · · · · · · ·	

### Engine - Intake System

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

<sup>\*</sup>Finished State

Car Line <u>CAMARO</u>

Model Year <u>1987</u> (ssued <u>6-86</u> Revised (•) 11-86

METRIC (U.S. Customary)

	_ (	outomary)	
Engine Description/Cerb. Engine Code		erb.	5.0 Liter V8 (305 CID) (Tuned Port Fuel Injection) RPO LB9
Engine	- Valve S	ystem	
Hydraulic lit	iters (std., op	t., NA)	Standard
Valves		intake / exhaust	8/8
	Head O.	D. intake / exhaust	46.74 (1.84), 38.10 (1.50)
Engine -	- Connec	ting Rods	
Material & n	nass [kg., (w	eight, (bs.))*	SAE 1037 or 1038 Steel/.388 (0.85)
Engine -	- Cranks	haft	
	nass (kg., (w		Nodular Cast Iron/23.360 (51.50)
	aken by bear		5
Number of n	nain bearing:	3	5
Seal (materi	al, one, two	Front	Fluoroelastomer, one-piece, lip seal
piece design	n, etc.)	Rear	Fluoroelastomer, one-piece, lip seal
Engine -	Lubrica	tion System	
		(psi) at engine rpm]	345-450 (50-65) @ 2000 with Auto. Trans., *
	ke (floating, s		Stationary
Oil filter syst	em (full flow,	part, other)	Full flow
Capacity of c	/case, less fi	iter-refill-L (qt.)	4.5 (5.0)
Engine	Diesel ir	formation	
Diesel engine	e manufactur	er	
Blow plug, ca	urrent drain a	n 0°F	NOT
njector	Туре		
OZZie		ressure [kPa (psi))	APPLICABLE
re-chamber	design		
uel in-	Manufactu	rer	
ction pump	1 17 P T		
uel injection pump drive (belt, chain, gear)			
	ry vacuum so	ource (type)	
uel heater ()	/es/no)		
Vater separa kd., opt.)	tor, description	on	
urbo manufa	ecturer		
il cooler-type i to ambient	e (oil to engir air)	ne coolant;	
il filter			· · · · · · · · · · · · · · · · · · ·
ngine - I	intake Sy	/stem	
irbo charger	- manufactu	rer	NOT
uper charger - manufacturer			APPLICABLE
iper charger	- manufactu	rer	) AFFLICABLE

<sup>\* 485-585 (70-85) @ 2000</sup> with Manual Transmission

Car Line \_\_\_\_\_\_CAMARO \_\_\_\_\_\_6-86 \_\_\_\_Revised (\*) \_\_\_11-86

METRIC (U.S. Customary)

•		
Engine Description/Carb. Engine Code		5.0 Liter V8 (350 CID) Tuned Port Fuel Injection (TPI)
	•	RPO 198
Engine	– Valve System	
	fters (std., opt., NA)	
7	Number intake / exhaust	Standard
Valves	Head O.D. intake / exhaust	8/8 49.28 (1.94)/38.10 (1.50)
Engine -	- Connecting Rods	49.28 (1.94)/38.10 (1.50)
	nass [kg., (weight, fbs.)]*	1037 or 1038 steel388 (0.855)
	- Crankshaft	1 1037 61 1038 Steet388 (U.855)
	rass [kg (weight, lbs.)]*	Nodulan each ince 22 acc (5) as
	aken by bearing (no.)	Nodular cast iron - 23.360 (51.5)
	nain bearings	5
Sesi (materi	<del></del>	
piece design	etc.) Rear	Fluoroelastomer, one-piece, lip seal Fluoroelastomer, one-piece, lip seal
Engine -	Lubrication System	The Seal
Normal oil pressure [kPa (psi) at engine rpm]		485-585 (70-85) @ 2000
Type oil intake (floating, stationary)		Stationary
Oil filter system (full flow, part, other)		Full flow (including engine oil cooler)
Capacity of c/case, less filter-refill-L (qt.)		4.5 (5.0)
Engine -	Diesel Information	
Diesel engine	manufacturer	
Glow plug, cu	ment drain at 0°F	Not
njector	Туре	Applicable
ozzle	Opening pressure [kPa (psi)]	
re-chamber	design	
uel in-	Manufacturer	••
ction pump		
uel injection pump drive (belt, chain, gear)		
upplementary vacuum source (type)		
uel heater (yes/no)		••
fater exparator, description (d., opt.)		
urbo manufacturer		
cooler-type (oil to engine coolant; to ambient air)		
il filter		
ngine – t	ntake System	
	- manufacturer	Not
	- manufacturer	Applicable
arge cooler		
inished State		

CarLine \_\_\_\_CAMARO Model Year <u>1987</u> Issued <u>6-86</u> \_ Revised (\*) 11-86

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code

2.8 Liter V6 (173 CID) (2.8 Multi-Port FI) RPO LB8

Standard   Standard	Engine	- Cooling System	· 			
Decision (rad., bottle)	Coolant recovery system (std., opt., n.a.)		Standard			
Nachabro cap relief valve pressure [kFe [piii]]   103, 4 (15)	Coolant fill	ocation (rad., bottle)	· -			
Type (choke, bypass)	Radiator ca	p relief valve pressure [kPa (psi)]	103.4 (15)			
Starts to open at *C(F)   91°C (195°F)	Circulation					
Type (contribugal other)   Centrifugal	DIBITIOSTAT	Starts to open at °C (°F)				
Material around cylinder (yes, no)   Yes		Type (centrifugal, other)				
Number of pumps   One		GPM 1000 pump rpm				
Drive (V-bet) other)   V-belt		Number of pumps				
Sealed ball-roller		Drive (V-belt, other)				
Impelier material	pump	Bearing type	Sealed ball-roller			
Housing material   Aluminum		Impeller material				
By-pass recirculation [type (interext.)]		Housing material				
With heater-L(qt.)   12.18 (12.87) Auto,   12.28 (12.98) Man.	By-pass rec	rculation [type (inter, .ext.)]				
With air condL(qt.)   12.20(12.89)Auto, 12.10 (12.79) Man.		With heater-L(qt.)				
Opt. equipment [specify-L(qt.)]		With air condL(qt.)				
Water all around cylinder (yes, no)         Yes           Water jackets open at headface (yes, no)         No           Radiator core         Std., A/C, HD         Std., A/C           Type (cross-flow, etc.)         Cross flow           Construction (fin & tube mechanical, braze, etc.)         Aluminum, high efficiency radiator           Width         599.5         599.5           Height         437.8         437.8           Thickness         23.5         23.5           Fins per inch         4.0         3.0           Radiator end tank material         Plastic           Std. elec., opt.         Standard, Electric           Number of blades & type (fex., solid, material)         5, Plastic           Diameter & projected width         423.0 (16.7)           Ratio (fan to crankshaft rev.)         Not available		Opt. equipment [specify-L(qt.)]				
Water all around cylinder (yes, no)         Yes           Water jackets open at headface (yes, no)         No           Radiator core         Std., A/C, HD         Std., A/C           Type (cross-flow, etc.)         Cross flow           Construction (fin & tube mechanical, braze, etc.)         Aluminum, high efficiency radiator           Width         599.5         599.5           Height         437.8         437.8           Thickness         23.5         23.5           Fins per inch         4.0         3.0           Radiator end tank material         Plastic           Std., elec., opt.         Standard, Electric           Number of blades & type (fex., solid, material)         5, Plastic           Diameter & projected width         423.0 (16.7)           Ratio (fan to crankshaft rev.)         Not available			Yes			
Std. A/C, HD   Std.   A/C						
Type (cross-flow, etc.)   Cross flow	Water jackets open at head face (yes, no)					
Type (cross-flow, etc.)   Cross flow		Std., A/C, HD	Std. A/C			
Material, mass [kg (wgt, tbs.)]   Aluminum, high efficiency radiator		Type (cross-flow, etc.)	Cross flow			
Width 599.5 599.5  Height 437.8 437.8  Thickness 23.5 23.5  Fins per inch @ 4.0 3.0  Radiator end tank material Plastic  Std. elec., opt. Standard, Electric  Number of blades & type (flex, solid, material) 501id  Diameter & projected width 423.0 (16.7)  Ratio (fan to crankshaft rev.) Not available		Construction (fin & tube mechanical, braze, etc.)				
Width	eroc	Material, mass [kg (wgt, lbs.)]	Aluminum, high efficiency radiator			
Height		Width	The state of the s			
Thickness 23.5 23.5  Fins per inch @ 4.0 3.0  Radiator end tank material Plastic  Std., elec., opt. Standard, Electric  Number of blades & type (flex, solid, material) Solid  Diameter & projected width 423.0 (16.7)  Ratio (fan to crankshaft rev.) Not available		Height				
Fins per inch @ 4.0 3.0  Radiator end tank material Plastic  Std., elec., opt. Standard, Electric  Number of blades & type (flex, solid, material) Solid  Diameter & projected width 423.0 (16.7)  Ratio (fan to crankshaft rev.) Not available		Thickness				
Rediator end tank material  Std., elec., opt.  Standard, Electric  Standard Electric  Standard Electric  5, Plastic  solid  Diameter & projected width  At 23.0 (16.7)  Ratio (fan to crankshaft rev.)  Not available		Fins per inch @				
Number of blades & type (flex, solid, material)  Diameter & projected width  Ratio (fan to crankshaft rev.)  Not available	Radiator end	tank material				
Number of blades & type (ffex, solid, material)  Diameter & projected width  Addition to crankshaft rev.)  Not available	<sup>‡</sup> æn	Std., elec., opt.	Standard, Electric			
(flex, solid, material) Solid  Diameter & projected width 423.0 (16.7)  Ratio (fan to crankshaft rev.) Not available		Number of blades & type				
Ratio (fan to crankshaft rev.) Not available		(flex, solid, material)	solid			
Ratio (fan to crankshaft rev.) Not available			423.0 (16.7)			
		Ratio (fan to crankshaft rev.)				
		Fan cutout type				
Orive type (direct, remote)  Belt			Belt			
RPM at idle (elec.)						
Motor rating (wattage) (elec.) 150			150			
Motor switch (type & location) (elec.) Part ECM			· ·			
Switch point (temp., pressure) (elec.) 1900-2100	ļ	Switch point (temp., pressure) (elec.)				
Fanishroud (material) Plastic		Fan shroud (material)				

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

**CAMARO** Car Line \_\_\_ Model Year \_\_\_\_\_1987\_ \_ Issued \_\_\_ 6-86 \_ Revised (•) 11+86

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4

Engine	- Cooling System				
Coolant recovery system (std., opt., n.a.)		Standard			
	location (rad., bottle)		olant recovery		
Radiator ca	ap relief valve pressure [kPa (psi)]	103.4 (15)	OTAIL TECOVERY		
Circutation	Type (choke, bypass)	Choke			
thermostat	Starts to open at °C (°F)	90.6°C (19	SOE )		
	Type (centrifugal, other)	Centrifuga	1		
	GPM 1000 pump rpm	12 (Total	cooling system flow)		
	Number of pumps	One	COOTING SYSTEM TIOW)		
Water	Drive (V-belt, other)	V-belt			
pump	Bearing type		Sealed double row ball		
	Impeller material	Steel	Die row ball		
	Housing material	Cast Iron			
By-pass rec	sirculation (type (inter,. ext.))	Internal			
Cooling	With heater-L(qt.)	15.52 (16.4	10)		
system capacity	With air condL(qt.)	15.90 (16.8			
	Opt. equipment [specify-L(qt.)]	- 19.30 (16.0	201		
Water jacke	ts full length of cyl. (yes, no)	Yes			
Water all around cylinder (yes, no)		Yes			
Water jackets open at head face (yes, no)		No			
	Std., A/C, HD	Std. A/C or HD A/C & HD			
	Type (cross-flow, etc.)	Cross flow	ייי אין אין אין אין אין אין אין אין אין		
Radiator	Construction (fin & tube mechanical, braze, etc.)				
core	Material, mass [kg (wgt, lbs.)]	Aluminum, t	igh efficiency mediates		
	Width		igh efficiency radiator 67.5		
	Height		37.0		
	Thickness	23.5	23.5		
	Fins per inch (d	*	2.5		
Radiator end	tank material	<del></del>	<u> </u>		
an	Std., elec., opt.	Std.	Opt.		
	Number of blades & type	5, Plastic,			
	(flex, solid, material)	solid			
	Diameter & projected width	423.0(16.7)	solid		
	Ratio (fan to crankshaft rev.)	1.08:1	423.0(16.7)		
	Fan cutout type	Clutch	.95:1		
	Drive type (direct, remote)	Belt	Clutch		
	RPM at idle (elec.)	IDE IC	Belt		
	Motor rating (wattage) (elec.)	150			
	Motor switch (type & location) (elec.)				
	Switch point (temp., pressure) (elec.)	TIGHT SWITCH	engine cylinder head		
	Fan shroud (material)	1900-2100			
0 0		Plastic	Plastic		

<sup>0 -</sup> Distance between top of fins\* - 4.0 with manual trans.

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

CAMARO Car Line . Model Year 1987 6-86 Revised (•) 11-86 Issued

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code

5.0 Liter V8 (305 CID) Tuned Port Fuel Injection RPO\_LB9

5.7 Liter V8 (350 CID) Tuned Port Fuel Injection RPO L98

Engine	- Cooling System	·				
Coolant recovery system (std., opt., n.a.)		Standard				
Coolant fill	location (rad., bottle)	Bottle, coolant recovery				
Radiator cu	ap 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)	Centrifugal				
	GPM 1000 pump rpm	12 (Total cooling system flow)				
	Number of pumps	One System flow)				
Water	Drive (V-belt, other)	V-belt				
pump	Bearing type	Sealed double row ball				
	Impeller material	Steel				
	Housing material	Cast Iron				
By-pass rec	circulation (type (inter,. ext.))	Internal				
Cooling	With heater-L(qt.)	16.78 (17.7)				
system	With air condL(qt.)	16.28 (17.2)				
capacity	Opt. equipment [specify-L(qt.)]	10.20 (17.2)				
Water jacke	ts full length of cyl. (yes, no)	Yes				
	ound cylinder (yes, no)	Yes				
Water jackets open at head face (yes, no)						
Rediator	Std., A/C, HD	No Std.				
	Type (cross-flow, etc.)	Cross flow				
	Construction (fin & tube mechanical, braze, etc.)	CIUSS TIUW				
ence	Material, mass [kg (wgt, lbs.)]	aluminum, high efficiency radiator				
	Width	667.5				
	Height	437.0				
	Thickness	34.0				
	Fins per inch @	2.5				
Radiator end tank material		Plastic				
i <b>s</b> n	Std., elec., opt.	Std. A/C				
	Number of blades & type (flex, solid, material)	5, plastic, solid				
	Diameter & projected width					
	Ratio (fan to crankshaft rev.)	423.0 (10.7)- 2 rans   318.0 (12.5 - 2 rans				
	Fan cutout type					
	Drive type (direct, remote)	7.0				
	RPM at idle (elec.)					
	Motor rating (wattage) (elec.)	150 RT & LT				
	Motor switch (type & location) (elec.)	<u> </u>				
	Switch point (temp., pressure) (elec.)	Temp. switch engine cylinder head 2100-2200 RT & LT				
	Fan shroud (material)					
_		Plastic   Plastic				

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

Car Line <u>CAMARO</u>

Model Year 1987 Issued 6-86 Revised (e) 11-86

METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	Code

2.8 Liter V6 (173 CID)
(2.8 Multi-Port FI)
RPO LB8

Induction injection s	type: carburetor, fuel system, etc.		Plemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)  Fuel Injection
Manufacti	UTO		1 de l'Injection
	Choke (type)		None
Carbure-	Idle spdrpm	Manual	u u
tor	(Spec. neutral		N N
	Or drive and propane if	Automatic	l u
	used)		
idle A.F.m	ix.		Preset-no adjust. provided
	Point of injection	1 (no.)	Fuel injectors at inlet ports
Fuel	Constant, pulse		Pulse
njection	Control (electron		ECM
	System pressure		300 (45)
Intake man	tifold heat control (ev		300 (43)
or water th	ermostatic or fixed)	MIND	Water
Air cleaner	Standard		Dual Elements
ype	Optional		•• Crements
Fuel	Type (elec. or m	ech.)	Electric
oump	Location (eng., tank)		Fuel Tank
	Pressure range (	kPa (psi))	350 (50.8)
uel Ta			
Capacity (re	efill L (gallons))		58.7 (15.5)
ocation (describe)			Rear center
Attachment			Underbody strap
Material & Mass [kg (weight lbs)]			Steel 8.579 (18.9)
iller	Location & mater	al	Left rear quarter
ipe	Connection to tar	k	Solder
uel line (material)			Steel
uel hose (material)			Rubber
leturn line (material)			Steel
apor line (n	naterial)		Steel
extended ange ank	Opt., n.a.		Not Available
	Capacity (L (gallor	13)]	
	Location & materia	ıl .	II
	Attachment		
uvilian.	Opt., n.e.		Not Available
	Capacity (L (gallor	3)]	u .
	Location & materia		BI CONTRACTOR OF THE PROPERTY
	Attachment		n en
	Selector switch or valve		ti .

METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	Code

5.0 Liter V8 (305 CID)
4-Bbl. Carburetor
RPO LG4

Induction type: carburetor, fuel injection system, etc.		1	Carburetor	
Manufacturer			Rochester Quadrajet	
	Choke (type)		Electric	
Carbure-	idie spdrpm Manual		700 RPM - Neutral	
tor	(spec. neutral		••	
	or drive and propane if	Automatic	500 RPM - Drive	
	used)		••	
ldle A.F mi	x.		Preset-no adjustment provided	
	Point of injection (no.)		Not applicable	
Fuel	Constant, pulse			
injection	Control (electro			
	System pressure [kPa (psi)]			
Intake man or water the	ifold heat control (ex ermostatic or fixed)		Exhaust	
Air cleaner	Standard	<del></del>	Replaceable element, single snorkel	
уре	Optional		None None	
Fuel	Type (elec. or m	ech.)	Electric	
pump	Location (eng., t	ank)	In fuel tank	
	Pressure range [kPa (psi)]		14.5-31.0 (2.1-4.5)	
Fuel Tar				
	fill L (gallons)]		58.7 (15.5)	
ocation (de	escribe)		Rear center	
Machment	<del></del>		Underbody strap	
Aaterial & M	fass (kg (weight lbs)	}	Steel 8.765 (19.3)	
ifler	Location & mater		Left rear quarter	
ipe	Connection to ta	nk	Solder	
uel line (ma			Steel	
ruel hose (material)			Rubber	
	Return line (material)		Stee	
letum line (				
letum line (	naterial)		Steel	
letum line ( apor line (n	Opt., n.a.		Not Available	
leturn line ( apor line (n xtended inge	Opt., n.a. Capacity [L. (gallo			
etum line (n apor line (n atended inge	Opt., n.a. Capacity [L (gallo		Not Available	
etum line (n apor line (n atended inge	Opt., n.a. Capacity [L (gallo Location & mater Attachment		Not Available	
etum line (n apor line (n atended inge	Opt., n.a. Capacity [L (gallo Location & mater Attachment Opt., n.a.	ial	Not Available	
eturn line ( apor line (n xtended inge ink	Opt., n.a. Capacity [L (gallo Location & mater Attachment Opt., n.a. Capacity [L (gallo	al ns))	Not Available	
Return line ( /apor line (n ixtended inge unk	Opt., n.a. Capacity [L (gallo Location & mater Attachment Opt., n.a.	al ns))	Not Available """"""""""""""""""""""""""""""""""""	
	Opt., n.a. Capacity [L (gallo Location & mater Attachment Opt., n.a. Capacity [L (gallo	al ns))	Not Available "" "" "" "" "" "" "" "" "" "" "" "" ""	
letum line ( apor line (n extended inge ink	Opt., n.a. Capacity [L (gallo Location & mater Attachment Opt., n.a. Capacity [L (gallo Location & mater	ns))	Not Available  "" "" "" "" "" "" "" "" "" "" "" "" "	

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code 5.0 Liter V8 (305 CID) (Tuned Port Fuel Injection) RPO LB9

Induction type: carburetor, fuel injection system, etc.  Manufacturer			plemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)  Fuel Injection
	Choke (type)		None
Carbure-	idle spdrpm	Manual	
tor	(spec. neutral or drive and propane if		
		Automatic	
	used)		
Idle A F mix			Preset-no adjustment provided
	Point of injection (no.)		Fuel Injection at inlet ports
Fuel	Constant, pulse	. flow	Pulse
injection	Control (electro	nic, mech.)	ECM
	System pressure [kPa (psi)]		300 (44)
Intake manifor water the	old heat control (ex mostatic or fixed)	haust	Not Applicable
Air cleaner	Standard		Replaceable dual elements
уре	Optional		
Fuel	Type (elec. or m	ech.)	Electric
amp	Location (eng., t	ank)	Fuel Tank
	Pressure range [kPa (psi)]		350 (50.8)
uel Tan	<u>k</u>		
	il L (gallons)]		58.7 (15.5)
ocation (de:	scribe)		Rear center
ttachment			Underbody strap
falerial & Ma	ass [kg (weight lbs)]		Steel 8.579 (18.9)
iller	Location & mater	ial	Left rear quarter
ipe	Connection to ter	nk	Solder
uel line (ma			Steel
uel hose (m			Rubber
etum line (n			Steel
spor line (m	aterial)		Steel
ctended !	Opt., n.a.		Not Available
nge	Capacity (L (gallo	ns)}	
nk	Location & materi	الع	
	Attachment		11
	Opt., n.a.		ti di
	Capacity [L (gallor	18)]	U .
ixili <b>a</b> ry [ ik	Location & material		. 4
	Attachment		·
[	Selector switch or	valve	·
г	Separate fill		II

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

Engine Description/Carb. Engine Code 5.7 Liter V8 (350 CID)
Tuned Port Fuel Injection (TPI)
RPO L98

Induction (	lype: carburetor, fue ystem, etc.		olemental page for details of Fuel Injection. Supercharger, Turbocharger, etc. if used)  TPI - Tuned Port Fuel Injection
Manufacturer			Tailed For Citaes Injection
	Choke (type)		
Carbure- tor	Idle spdrpm	Manual	
	(spec. neutral or drive and propane if used)		
		Automatic	
			•
Idle A F mi	x.		Preset - no adjustment provided
	Point of injectio	n (no.)	Fuel injectors at inlet ports
Fuel	Constant, pulse		Pulse
injection	Control (electro		Electronic - on board computer
	System pressure [kPa (psi)]		255 (37)
łotska man	ifold heat control (ex		200 (07)
Or water the	mostatic or fixed)	enaust	Water, thermostat
Air cleaner	Standard		Replaceable paper dual element
type	Optional	<u> </u>	
Fuel	Type (elec. or m	ech.)	Electric
pump	Location (eng., t		In fuel tank
	Pressure range (kPa (psi))		350 (50.8)
Fuel Tar	nic		
	fill L (gallons)]		58.7 (15.5)
ocation (de	iscribe)		Rear center
Machment			Underbody strap
Asterial & N	lass (kg (weight lbs)	ì	Steel 8.579 (18.9)
iller	Location & mater		Left rear quarter
ipe	Connection to tai	nk	Solder
uel line (ma			Steel
uel hose (n			Rubber
etum line (i	material)		Steel
apor line (π	naterial)		Steel
xtended	Opt., n.a.		Not Available
nge	Capacity (L (gallo	ns)}	
nik	Location & materi	al	U .
	Attachment		H
	Opt., n.a.		II
	Capacity [L (gallons)]		U CONTRACTOR CONTRACTO
	Location & material		u u
uxiliary nk	Location & materi	<u>al</u>	
uxiliany nk	Location & materi Attachment	an l	u .
uxiliary nk			H

Car Line \_ CAMARO Model Year 1987 \_\_ Issued \_\_\_\_6\_86\_\_\_\_ Revised (•) 11\_86\_

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

Engine Description/Carb. Engine Code

2.8 Liter V6 (173 CID) (2.8 Multi Port FI) RPO LB8

	Type (air injection, engine modifications, other)		Computer Command Control
	Pump or pulse		Pump - manual transmission only
		Driven by	Belt
	Air Injection	Air distribution (head, manifold, etc.)	Exhaust Manifold
		Point of entry	Exhaust Manifold
Exhaust	Exhaust	Type (controlled flow, open prifice, other)	Back Pressure Modulated Controlled Flow
Emission Control	Gas Recircula-	Exhaust source	Manifold Exhaust Crossover
	tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
		Туре	Single Bed, Oxidizing & Reducing
		Number of	One
	Catalytic Converter	Location(s)	Beneath RF Underbody
	1	Volume [L (in <sup>3</sup> )]	2.782 (170)
		Substrate type	Monolith
	Type (ventilates to atmosphere, induction system, other)		Induction System
Drankcase Emission	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
Control	Discharges (to intake manifold, other)		Inlet Manifold
	Air inlet (breather cap, other)		Air Inlet Duct
vapora- ve	Vapor vente (crankcase.	d to Fuel tank	Canister
mission	canister, oth	er) Carburetor	
ontrol	Vapor storag	ge provision	Canister
lectronic ystem	Closed loop	<del>"</del>	Yes
	Open loop (yes no)		No
ngine –	Exhaust 8	ystem	
ype (single, ual, other)	single with cro	55-0ver,	Single with dual tailpipes
uffier no. &	type (reverse f	low, straight thru,	grow and the thes

Type dual,	(single, single with cross-over, other)	Single with dual tailpipes
Muttie separ	er no. & type (reverse flow, straight thru, rate resonator) Material & Mass [kg (weight lbs)]	One, reverse flow
Reso	nator no. & type	None
Exhai	Branch o.d., wall thickness	*(See below)
pipe	Main o.d., wall thickness	@(See below)
	Material & Mass [kg (weight lbs)]	Stainless Steel
Inter- media	o.d & wall thickness	63.5 x 1.58 (2.5 x 0.06)
pipe	Material & Mass [kg (weight lbs)]	Aluminum coated steel
Tail	o.d. & wall thickness	57.15 x 1.09 (2.25 x 0.04)
pipe	Material & Mass [kg (weight lbs)]	Aluminum coated steel

Outer Pipe 57.15 X 1.02 (2.25 x 0.04), Inner Pipe 50.08x0.086(2.0x0.003)\*

(2.15 (0.08) air gap between pipes. \*\*Muffler & Tail Pipe Unit 7.620 (16.8)

<sup>(2.5 (0.1)</sup> air gap between pipes). @ Outer Pipe 63.5 X 1.02 (2.5 x 0.04), Inner Pipe 57.15 x 0.086 (2.25 x 0.003)

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

Engine	Description/Carb.
Engine	Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO 164

### **Vehicle Emission Control**

	Type (air injection, engine modifications, other)		Air Injection with Commuter C
		Pump or pulse	Air Injection with Computer Command Control  Vane Pump
		Driven by	V-belt
	Air Injection	Air distribution (head, manifold,	
		Point of entry	Exhaust Manifold a Catalytic Converter
Exhaust	Exhaust Gas	Type (controlled open orifice, other	flow
Emission Control	Recircula-	Exhaust source	Manifold Exhaust Crossover
	tion	Point of exhaust (spacer, carburer manifold, other)	
		Туре	Dual Bed. Oxidizing & Reducing
	ĺ	Number of	One One
	Catalytic Converter	Location(s)	
	[	Volume [L (in <sup>3</sup> )]	Beneath RF Underbody 2.786 (170)
	1	Substrate type	Monolith
	Type (ventilates to atmosphere, induction system, other)		
Crankcase Emission Control	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges (to intake manifold, other)		Carburetor
		ather cap, other)	Air Cleaner
Evapora- tive	Vapor vente (crankcase.		nk Canister
Emission Control	canister, oth		etor Canister
	Vapor storag		Canister
Electronic system	Closed loop		Yes Yes
	Open loop (yes/no)		No

### Engine - Exhaust System

Type (single dual, other)	e, single with cross-over,	Single with dual tailpipes
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass [kg (weight lbs)]		One, reverse flow
Resonator r	no. & type	None
Februar	Branch o.d., wall thickness	(a)
Exhaust pipe	Main o.d., wall thickness	(h)
	Material & Mass [kg (weight lbs)]	(See Notes) 5.069 (11.2)
tnter- mediate	o.d. & wall thickness	57.15 x 1.14 (2.25 x .045)
bibe	Material & Mass [kg (weight tbs)]	Aluminum coated steel
Tail	o.d. & wall thickness	63.5 X 1.07 (2.5 X 0.042)
pipe	Material & Mass [kg (weight tbs)]	Aluminum coated stool

(a) Left hand branch - Stainless steel; outer 57.15 X 1.02 (2.25 x 0.04), inner 50.8 X 0.86 (2.0 X 0.003) with 2.155 (0.085) air gap between pipes.

Right hand branch - Laminated; stainless steel outer tube, 50.8 X 0.86 (2.0x0.003), with

(b) Stainless steel; outer 63.5 X 1.02 (2.5 x 0.04), inner 57.15 X 0.86 (2.25x0.003) with MVMACCEPTIER & tail pipe unit 8.732 (19.3) Page 7B

 Car Line
 CAMARO

 Model Year
 1987 Issued
 6-86 Revised (\*)
 11-86

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

Engine	Description Carb.
Engine	Code

5.0 Liter V8 (305 CID)
(Tuned Port Fuel Injection)
RPO 189

5.7 Liter V8 (350 CID) (Tuned Port Fuel Injection) RPO 198

### **Vehicle Emission Control**

	Type (air injection, engine modifications, other)		Air Injection with Computer Command Control
		Pump or pulse	Air pump
	1.	Driven by	Belt
	Air Injection	Air distribution (head, manifold, etc.)	Exhaust manifold and catalytic converter
-		Point of entry	Exhaust manifold
Exhaust	Exhaust	Type (controlled flow, open orifice, other)	Back Pressure Modulated Controlled Flow
mission Control	Gas Recircula-	Exhaust source	Manifold
	tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
		Туре	Dual Bed. Oxidizing & Reducing
		Number of	One One
	Catalytic Converter	Location(s)	
		Volume [L (in <sup>3</sup> )]	Beneath RF Underbody
		Substrate type	2.78 (170)
			Monolith
	Type (ventilates to atmosphere, induction system, other)		Induction System
rankcase Emission	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
Control	Discharges (to intake manifold, other)		Intake Manifold
	Air inlet (bre	ather cap, other)	Throttle Body
vарога-	Vapor vente	d to Fuel tank	Canister
ve mission	(crankcase, canister, oth	er) Carburetor	
ontrol	Vapor stora	ge provision	Canister
lectronic	Closed loop	(yes no)	Yes
ystem	Open loop (yes no)		No.

### Engine – Exhaust System

Type (single, single with cross-over, dual, other)		Single with dual tailpipes	
Muffler no. Reparate re	& type (reverse flow, straight thru, sonator) Material & Mass [kg (weight lbs)]	One. reverse flow	
Resonator no. & type		None	
-	Branch o.d., wall thickness	(a)	
Exhaust pipe	Main o.d., wall thickness	(b)	
	Material & Mass [kg (weight lbs)]	(See Notes) 6.124 (13.5)	
inter-	o.d. & wall thickness	69.85 x 1.40 (2.75 x 0.05)	
mediate pipe	Material & Mass [kg (weight lbs)]	Aluminum coated steel	
t <sub>ail</sub>	o.d. & wall thickness	63.5 x 1.07 (2.25 x .04)	
pipe	Material & Mass [kg (weight lbs)]	Aluminum coated steel	
/ 3 \	Laminated Ctainless at	Orani Coaren 21661	

<sup>(</sup>a) Laminated - Stainless steel outer pipe, 63.5 x 1.016 (2.5 x 0.04), steel inner pipe.

<sup>(</sup>b) Laminated - Stainless steel outer pipe, 76.2 x 1.016 (3.0 x 0.04), steel inner pipe. \* Muffler & tail pipe unit 8.845 (19.5).

 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6−86
 Revised (●)
 11−86

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

Engine Description Carb. Engine Code

2.8 Liter V6 (173 CID)
(2.8 Multi Port FI)
RPO LB8

Transm	ission: Transaxie
--------	-------------------

Manual 3-speed (::tc . opt., n.a.) (mfr.)	Not Available	
Manual 4-speed (std., opt., n.a.) (mfr.)	н	<del></del>
Manual 5-speed (std., opt., n.a.) (mfr.)	Standard	
Manual overdrive (std., opt., n.a.) (mfr.)	Not Available	
Automatic (std., opt., n.a.) (mfr.)	Not Available	
Automatic overdrive (std., opt., n.a.) (mfr.)	Optional	

### **Manual Transmission Transaxle**

Number of forward speeds		is	5	
	In first		4.03	
	In second		2.37	
	In third		1.50	
Transmis-	In fourth		1.00	
sion ratios	in fifth		0.76	
	in overdrive		••	
<del></del>	In reverse		3.76	
Synchronou	s meshing (sp	ecify gears)	All forward gears	
shift lever lo	cation		Floor	
	Capacity [L (pt.)]		3.25L (6.87 pts.)	
Lubricant	Type recommended		Dextron TT	
	SAE vis-	Summer	II .	
	cosity	Winter	11	<del></del>
	ופּלותנות	Extreme cold	i i i i i i i i i i i i i i i i i i i	

### Clutch (Manual Transmission)

Make, type (hydraulic,	e, engagement (describe) – cable, rod)	Belleville, Dry disc
Assist (yes	s. no percent)	No
Type press	sure plate springs	Diaphragm
Total sprin	g load [N (lb.)]	5750 (1293)
No of clute	ch driven discs	One
•	Material	Non-asbestos
	Manufacturer	Valeo
	Part number	F-202
	Rivets plate	16
Ciutch acing	Rivet size	5.41 x 3.63 (0.213 x 0.143)
Eurig	Outside & inside dia.	232.0 x 155.0 (9.125 x 6.125)
	Total eff. area (cm²(in.²))	234.0 (36.28
	Thickness	7.2 (0.283)
	Engagement cushion method	Driven plate wave spoke springs
lelease earing	Type & method of lubrication	Self centering, angular contact ball bearing pre-packed and sealed
orsional Method: springs, samping friction material		Coil springs with non-metal friction control

METRIC (U.S. Customary)

Engine	Description Carb.
Engine	Code

5.0 Liter V8 (305 CID)	_
4-Bbl. Carburetor	
RPO_LG4	

Transm	issions/Transaxle	

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

### Manual Transmission/Transaxie

Number of forward speeds		s	5	
	In first		2.95	
	in second		1.94	
	In third		1.34	
Transmis-	In fourth		1.00	
sion ratios	in hith		0.63	
	In overdrive			
	In reverse		2.76	
	s meshing (sp	ecify gears)	All forward gears	
Shift lever lo	cation		Floor	
	Capacity (L	(pt.)]	3.25L (6.87 pts.)	
Lubricant	Type recommended		Dexron II	<del></del>
	SAE vis-	Summer		
	cosity	Winter	N .	
	number	Extreme cold	H The state of the	

### **Clutch (Manual Transmission)**

Make, typi (hydraulic,	e, engagement (describe) = , cable, rod)	Belleville, dry disc, Hydraulic		
Assist (ye:	s, no percent)	No Diaphragm		
Type pres	Sure plate springs			
Total spnn	g load [N (Ib.)]	7750 (1742)		
No of clut	ch driven discs	One		
	Material	Non-asbestos		
	Manufacturer	Valeo		
	Part number	F-202		
	Rivets plate	18		
Clutch acing	Rivet size	5.41 x 3.63 (0.213 x 0.143)		
Lung	Outside & inside dia.	254.0 x 165.0 (10.0 x 6.5)		
	Total eff. area (cm²(in.²))	293.0 (45.43)		
	Thickness	7.7 (0.303)		
	Engagement cushion method	Driven plate wave spoke springs		
lelease earing	Type & method of subrication	Self centering, angular contact ball bearing pre-packed and sealed		
orsional Method: springs, inction material		Coil springs with non-metal friction control		

 Car Line
 CAMARQ

 Model Year
 1987
 Issued
 6-86
 Revised (e)
 1-87

METRIC (U.S. Customary)

	···· (U.S.	customary)				
Engine Description Cere. Engine Code		Cart				
		oers.	5.0 Liter V8 (305 CID)			
			(Tuned Port Fuel Injection) RPO 189			
Transi	missions/1	Transaxie				
Manual 3	-speed (std., o	pt., n.a.) (mir.)	Not Available			
Manual 4	-speed (std., o	pt., n.a.) (mfr.)	W W W			
Manual 5	-speed (std., o	pt., n.a.) (mfr.)	Standard			
Manual o	verdrive (std., (	opt., n.a.) (mfr.)	н			
	(std., opt., n.a					
Automatic	overdrive (std	l., opt., n.a.) (mfr.)	Optional			
		sion Transax				
Number o	f forward speed	ds	5			
	in first		2 05			
	in second	)	2.95			
_	in third		1.34			
Transmis-	in fourth		1.00			
	in fifth	<u></u>	0.63			
	in reverse					
Synchrono	us meshing (sc		2.76			
Shift lever I	ocation	Pechy gears)	All forward dears			
	Capacity [L (pt.)]		7 1007			
	Type recor		3 251			
Lubricant		Summer	Dexron 11 5W-30? 5W-30?			
	SAE vis-	Winter				
	number	Extreme cold	и по			
Clutch (	Manual Tr	ensmission)				
· ·	encanament /					
Assist (yes.			Belleville, dry disc, Hydraulic			
	re plate springs		140			
Total spring		<u> </u>	Diaphragm			
No of clutch			7750 (1742)			
	Material		One Non-asbestos			
÷	Manufacturer		Valeo			
	Part number		F-202			
	Rivets plate		18			
Clutch acing	Rivet size		5.41 x 3.63 (0.213 x 0.143)			
	Outside & ins		267 x 165.0 (10.5 x 6.5)			
	Total eff. are:	a (cm²(in.²))	345.0 (53.6)			
	Thickness		7.7 (0.303)			
	Engagement method	cushion	Oriver plate was a			
elease	Type & metho	<del></del>	Driven plate wave spoke springs			
aring	of lubrication	~	Self centering, angular contact ball bearing pre-packed and sealed			
orsional Imping	Method: spring	gs.	pre-packed and sealed			
	THE REAL PROPERTY.		Coil springs with non-metal friction control			

CAMARO 6-86 Revised (\*) 11-86 \_\_ Issued \_\_\_

METR	IC (U.S. (	Customary)			
Engine Description/Carb, Engine Code		5.7 Li Tuned I RPO L98	ter V8 (350 CID) Port Fuel Injection B	(TPI)	
Transm	nissions/T	ransaxie	•		
Manual 3-	speed (std., op	of nal(mtr)	Not Av	ailable	
Manual 4-	speed (std., or	ot., n.a.) (mfr.)	HOL AV	allable	
Manual 5-s	speed (std., op	วt., ก.a.) (mfr.)	11	- 11	
Manual ov	erdrive (std., o	pt., n.a.) (mfr.)	11	- 17	
Automatic	(std., opt., n.a	.) (mfr.)	Standar	^d	
Automatic	Overdrive (std.	., opt., n.a.) ( <del>mlr.)</del>	Standar		· · · · · · · · · · · · · · · · · · ·
Manual	Transmis	sion Transaxi			
Number of	forward speed	Js	Not Ava	ilable	
	in first		1 11	н —	
	In second		u	71	
	In third		31	11	
Transmis-	in fourth	<u> </u>	1)	W	
sion ratios	in fifth		11		
	in overdriv		1	11	
Constant	In reverse		- 11		
Shift lever to	is meshing (sp	pecify gears)	- 1		
Shirt lever it	Capacity (L (pt.))		11	TI -	
	Type recor		<del> </del>	11	
Lubricant		Summer	+	,	
	SAE vis-	Winter	<del>                                     </del>	<del>"</del>	
	number	Extreme cold	<del>-</del>	<u> </u>	
	<del></del>				
Clutch (	Manual Tr	ansmission)			
Make, type, of the control of the co	engagement (( Bble. rod)	describe)	Not Ava	diable.	
Assist (yes. r	no percent)		HOL AVE	TTADTE	
	re plate spring	S	0	ti .	
Total spring I	oad [N (lb.)]		H	11	
No of clutch	driven discs		0	11	
	Material		tt	H	
	Manufacture		u	(1)	
	Part numbe		H	11	
<b>-</b>	Rivets plate		ŧı	11	
Clutch acing	Rivet size	<del></del>	11	14	
	Outside & in		H	#1	
		98 [cm²(in.²)]	11	1)	
	Thickness		ti .	01	
	. Engagement method	1 Cushion	e	н	
leiease earing	Type & meth of lubrication	od ,	ŧı	**	
orsional amping	nal Method: springs.		ţı	BE .	

Car Line \_\_\_\_CAMARO Model Year 1987 Issued 6-86 \_ Revised (\*) 11-86

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

Engine	Description/Carb.
Engine	Code

2.8 Liter V6 (173 CID) (2.8 Multi Port FI) RPO LB8

	Automatic	Transmission/Transaxie
--	-----------	------------------------

Trade name			4-speed automatic			
Type and s	Type and special features (describe)		Torque converter with clutch 700-R4			
Selector Location			On floor console			
	Ltr. No. d	lesignation	P-R-N- D -D-2-1			
	1st		3.06			
Gear	2nd		1.63			
ratios	3rd		1.00*			
	4th		0.70*			
	Reverse		2.29			
Max. upshift	speed - drive	e range [km/h (mph)]	1-2=61(38), 2-3=111(69)			
Max. kickdo	wn speed - d	rive range [km/h (mph)]	3-2=105(65), 2-1=50(31)			
	ve speed (km		72(45)			
	Number o	of elements	3			
Torque	Max. ratio	at stall	2,35			
converter	Type of co	poling (air. liquid)	Liquid			
	Nominal o	fiameter	245 (9.65)			
Lubricant	Capacity (	[refill L (pt.)]	4.5L (9.5 pts.)			
	Type Rec	ommended	GM Dexron II			
Oil cooler (std., opt., NA, internal, external, air, liquid)		internal.	Standard, integral with radiator			
Axle or F	ront Whe	el Drive Unit	*Torque converter clutch in 3rd & 4th gears.			
Type (front, r	rear)		Rear			
Description			Semi-floating axle, overhung hypoid driven pinion and ring gear			
imited slip o	differential (ty	pe)	Not Available			
Orive pinion i			1.50			
Drive pinion	(type)		Hypoid gear			
No. of differential pinions			Two			
inion / differ	rential adjusti	ment (shim, other)	Shim			
inion / differential bearing adjustment (shim, other)			Collapsible spacer			
riving wheel bearing (type)			Roller bearing			
Capacity [L (pt.)]			1.66			
	Type recor		GL5 gear lube			
ubricant	SAE vis-	Summer	80W or 80W-90 GL-5			
	cosity	Winter	80W or 80W-90 GL-5			
	number	Extreme cold	80W GL-5			
xie or Tr	ansaxie	Ratio and Tooth Co	mbinations (See 'Power Teams' for axle ratio usage.)			

Axle ratio (or overall top gear ratio)		3.42	<del></del>
No. of	Pinion	41	
teeth	Ring gear or gear	12	<del></del>
Ring gear o	o.d.	194 (7.625)	<del></del>
Fransaxle	Transfer gear ratio	Not Applicable	
Final drive ratio		11 11	

METRIC (U.S. Customary)

Engine	Description/Carb.
Engine	Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4

Trade na	me		4-speed automatic				
	4		Torque converter with				
ype and	special featur	es (describe)	clutch 700-R4				
Selector Location		<del></del>	On floor console				
55.55.55	Ltr. No.	designation	P-R-N- D -D-2-1				
_	151		3.06				
3ear	2nd	<del></del>	1.63*				
atios	3rd		1.00*				
	4th		0.70*				
	Reverse		2.29				
Max. upsh	rift speed - driv	re range (km h (mph))	1-2=59(37), 2-3=113(70)				
Aax. kicko	down speed - o	trive range [km:h (mph)]	3-2=106(66), 2-1=42(26)				
tin. overd	frive speed (kn	n/h (mph)]	58(36)				
Number of elements			3				
Torque	Max. ratio	at stall	1.91				
Onverter	Type of c	ooling (air, liquid)	Liquid				
	Nominal		298 (11.75)				
Lubricant	Capacity	(refill L (pt.))	4.5L (9.5 pts.)				
	Type Rec	ommended	GM Dexron II				
ternal, a		eel Drive Unit	Standard integral with radiator *Torque converter clutch in 2nd, 3rd & 4tl	n gears.			
ype (front,	, rear)		Rear				
escription	· <del>·····</del>		Semi-floating axle, overhung hypoid driven pinion				
minad atta	4:44		<u>l and ring gear</u>				
ive pinion	differential (ty	pe)	Not Available				
ive pinion		<del></del>	1.50				
	ential pinions		Hypoid gear				
			Two				
inion / differential adjustment (shim, other)			Shim	<del></del>			
	Pinion differential bearing adjustment (shim, other)						
nion , diffe	el bassing (b.o.	g adjustment (shim, other)					
nion , diffe	el bearing (typ	8)	Straight roller bearing				
nion , diffe	el bearing (typ Capacity [I	e) . (pt.)]	Straight roller bearing				
nion diffe	Capacity [L	e) . (pt.)] nmended	Straight roller bearing 1.66 GL5 gear lube				
nion diffe	Capacity [L Type recor	e) (pt.)] nmended Summer	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5				
nion , diffe	Capacity [L	e) (pt.)] nmended Summer Winter	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5				
nion diffe	Capacity [L Type recor SAE vis- cosity number	e) . (pt.)]	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5 80W GL-5	Auto Trans			
nion differiving when	Capacity [L Type recor SAE vis- cosity number	e) . (pt.)]	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5	Auto. Trans.			
nion differiving when	Capacity [I Type recor SAE viscosity rumber  ransaxie i	e) . (pt.)]	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5 80W GL-5				
nion differential distribution distribution differential distribution	Capacity [I Type recor SAE vis- cosity number  ransaxie F overall top ge	e) (pt.)] nmended Summer Winter Extreme cold Ratio and Tooth Co	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5 80W GL-5 Manual Transmission mbinations (See Power Teams for axle ratio usage.)	Auto. Trans.			
nion differentiation different	Capacity [I Type recor SAE vis- cosity number  ransaxie i overall top ge Pinion Ring gear o	e) (pt.)] nmended Summer Winter Extreme cold Ratio and Tooth Co	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5 80W GL-5 Manual Transmission mbinations (See Power Teams for axle ratio usage.) 3.23	2./3			
nion differiving when	Capacity [I Type recor SAE vis- cosity number  ransaxie i overall top ge Pinion Ring gear o	e) (pt.)] nmended Summer Winter Extreme cold Ratio and Tooth Co	Straight roller bearing 1.66 GL5 gear lube 80W or 80W-90 GL-5 80W or 80W-90 GL-5 80W GL-5 Manual Transmission embinations (See Power Teams for axle ratio usage.) 3.23 42	2./3			

 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6-86
 Revised (•)
 11-86

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

Engine Description/Carb. Engine Code 5.0 Liter V8 (305 CID) (Tuned Port Fuel Injection) RPO LB9

5.7 Liter V8 (350 CID) (Tuned Port Fuel Injection) RPO L98

### **Automatic Transmission/Transaxle**

Trade name			4-speed automatic				
Type and s	special feature	s (describe)					
Selector Location		<del></del>	Torque converter with clutch 700-R4				
Selector			Un floor console				
		esignation	P-R-N- D -D-2-1				
•	1st		3.06				
Gear ratios	2nd		1,63*				
TELLUS	3rd	· · · · · · · · · · · · · · · · · · ·	1.00*				
	4th		0.70*				
	Reverse		2,29				
		e range [km h (mph)]	1-2=66(41), 2-3=122(76) $1-2=55(34), 2-3=105(65)$				
Max. kickdo	own speed - d	rive range [km·h (mph)]	3-2=116(72), 2-1=55(34) $3-2=88(55), 2-1=32(20)$				
Min. overdr	ive speed [km	/h (mph)]	66(41) 58 (36)				
	Number o	f elements	3				
Torque	Max. ratio	at stall	2.15				
converter	Type of cooling (air, liquid)		Liquid				
	Nominal d	iameter	298 (11.75)				
Lubricant	Capacity (	refill L (pt.)]	4.5L (9.5 pts.)				
	Type Reco	ommended	GM Dexron II				
Oil cooler (s external, air,	std., opt., NA, i , liquid)	nternal,	Standard integral with radiator				
Axle or f	Front Whe	el Drive Unit	*Torque converter clutch in 2nd, 3rd & 4th gears.				
Type (front,	rear)		Rear				
Description			Semi-floating axle, overhung hypoid driven pinion				
Limited slip (	differential (typ	oe)	and ring gear				
Drive pinion		.,	Cone clutch				
Drive pinion							
	ential pinions	<del></del>	Hypoid gear				
		nent (shim other)	Two*, Four@				
Pinion / differential adjustment (shim, other)  Pinion / differential bearing adjustment (shim, other)			Shim Collapsible spacer				
	el bearing (type		The second of th				
	Capacity [L		Straight roller bearing*, tapered roller bearing @				
	Туре гесоп		GL5 gear Tube				
ubricant	SAE vis-	Summer	80W or 80W-90 GL-5				
	cosity	Winter	80W or 80W-90 GL-5				
	number	Extreme cold					
			80W GL-5				

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

Axle ratio (	or overall top gear ratio)	3.23	3.08	2 73	3.45	
No. of	Pinion	42	40	41	38	
teeth	Ring gear or gear	13	13	15		
Ring gear o.d.		194 (7.625)			197 (7.75)	
Transaxle Transfer gear ratio			icable	<del></del>	197 (7.73)	
	Final drive ratio	0	H .	<del></del>	<del></del>	

<sup>\* 2.73</sup> and 3.23 axles.

<sup>@ 3.27</sup> and 3.45 axles.

 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6-86
 Revised (e) 11-86

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

Engine Description/Carb. Engine Code 2.8L V6 173CID 5.0L V8 305CID 5.0L V8 305CID 5.7L V8 350CID PFI 4-Bbl. Carb. PFI PFI RPO LB8 RPO LG4 RPO LB9 RPO L98

Propeller Shaft - Rear Wheel Drive Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.) Straight Tube - Internal damper Manual 3-speed trans. Not Available Manual 4-speed trans Ħ Outer diam. x length" x wall Manual 5-speed trans. thickness 63.5 x 1057 x 1.65 mm (2.5 x 41.6 x .065 in.) Overdrive Not Available Automatic transmission 63.5 x 1057 x 1.65 mm (2.5 x 41.6 x .065 in.) Type (plain, anti-friction) Inter-None mediate bearing Lubrication (fitting, prepack) Type Splined Slip voke Number of teeth 27 Spline o.d. <u>29.84 mm (l.174 in.)</u> Front Saginaw size 44 Make and mig. no. Rear Saginaw size 44 Number used Two Type (ball and trunnion, cross) Universal Cross ioints Rear attach (u-bott, clamp, etc.) Strap and bolts Type (plain, anti-friction) Bearing <u>Anti-friction</u> Lubrication (fitting, prepack) Prepacked Drive taken through (torque tube, arms or springs) <u> Torque Arm</u> Torque taken through (torque tube, arms or springs) <u> Torque Arm</u>

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

METRIC (U.S. Customary)

Body Type And Or Engine Displacement		2-Door Hatchback Coupe			
Suspe	nsion – General	·			
Car	Std. opt. n.a.	Not available			
leveling	Type (air, hyd., etc.)	Not available			
	Manual auto, controlled	Not available			
Provision 1	for brake dip control	Front suspension geometry			
Provision	for acci, squat control	Rear suspension geometry			
Provisions	s for car jacking	Jacking provisions on rocker panels			
Shock	Туре				
absorber (front &	Make	Direct double-acting hydraulic (a) Delco			
rear)	Piston diameter	FAmm (2 125 4-) 5 1 05 (2 0)			
	Rod diameter	25mm (1.0 in)front: 13.49mm(0.53)rear			
Suspen	sion – Front	(a)-Delco Bilstein rear shock absorbers on IROC-Z			
Type and description		Independent w/coil springs, Modified MacPherson strut.			
Travel	Full jounce	75.0 mm (2.95 in)			
	Full rebound	104.0 mm (4.09 in)			
	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.)]				
	Rate at wheel [N mm (lb. in.)]	Chart Cours C IT 17 7 /202 at the course			
Stabilizer	Type (link, linkless, frameless)	Link Sport Louge & L! 17.7 (101.0), Z28 & Iroc 25.6 (146.0)			
	Material & bar diameter	Steel 30mm (1.2 in) Steel 34mm (1.3 in)			
Suspens	sion – Rear	Steel 34mm (1.3 in)			
ype and de:	Scription	Salisbury axle w/torque arm, LCA, track bar, coil springs			
ravei	Full jounce	87.0 mm (3.4)			
	Full rebound	118.0 mm (4.6)			
	Type (coil, leaf, other) & material	Coil, Alloy steel			
oring	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) Spt. Cpe. & LT, Z28-23.0 (131.5)			
	Rate at wheel [N mm (lb. in.)]	1 22.7 (130.0) Spt. Cpe. & LT. Z28-29-0 (165.4)			
	Insulators (type & material)	Rubber isolated			
	No. of leaves	Not Applicable			
	Type (link, linkless, frameless)				
abilizer		Link			
Material & bardiameter		18mm (007 in) 23mm(0.9 in)*			
ick bar (type	B <i>1</i>	HAT section w/rubber bushings			

Car Line <u>CAMARO</u> 6-86 Revised (e) 11-86

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

<b>Body Type</b>	And Or
Engine Dis	placement

2-DOOR HATCHBACK COUPES **1FP87 Z28** 

Bra	kes	-	Se	rvi	ce

Brakes	- 561	VICE					
Description	Description				Single caliper disc front, duo-servo drum rear disc optional front/rear		
Manufactur	rer and	d Front (disc or drum)		rum)	Disc		
brake type	(std., of	ot., n.a.)	Rear (disc or dr		Drum; disc optional for 228 & IROC		
Self-adjusting (std., opt., n.a.)					Standard		
Special valving	Тур	e (propor	tion, delay, metering, (	other)			
Power brak	e (std.,	opt., n.a.)		·	Remote metering and proportioning, front/rear split		
			al. vac., hyd., etc.)		000		
Vacuum soi	urce (inl	ine. pumi	o, etc.)		200 mm (7.87 in) Tandem Vacuum Engine		
Vacuum res				<del></del>	None		
	mp-type		ar driven, belt driven,		n		
Anti-lock de	vice typ	e (std., o	pt., n.a.) (F R)				
ffective are					Not Available		
Pross lining			(F R)		615.5 (95.4) total		
wept area				——	691.6 (107.2) total		
				FR	1985.1 (307.7) total		
lotor	_			<del></del>	F/267 mm (10.5), R/267 mm (10.5)		
		Niel e e e			F/171.5 mm (6.75), R/171.5 mm (6.75)		
	_		(vented solid)	FR	F/26.2 mm (1.03), R/26.2 mm (1.03)		
TUM		terial & type (vented solid) FR meter & wigth FR		——	Cast iron, vented F/R		
TQ411	-	and mate		FR	241.0 mm (9.5), 50.8 mm (2.0)		
/heel cylind				FA F/R	Cast iron finned (aluminum for selected applications)  F/64 mm (2.5): R/19 mm (0.75) drum: 48.0 mm (1.0) dead		
aster cylind		Bore s	roke	F/R	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0		
edal arc rati		_ 55.0 5	- CAE	FH	Bore: 24.0 mm (0.94) disc/drum; 25.4 mm (1.0) disc/disc		
ne pressure	at 445	N(100 lb	) pedal load [kPa (psi)		3.25:1		
ning clearar		-1(100.0	/ peda load [kra (psi)	FR	Colembia		
	Ē	Bonder	or riveted (rivets seg.		Self-adjusting / self-adjusting		
ļ	<b>.</b>	Rivet s		1	Riveted, 8		
		Manufacturer			5.33 x 7.92 (.210 x .312)		
	E				Delco Moraine		
	Front wheel	Material			DM8034		
I			Primary or out-board		Semi-metallic		
ł			Secondary or in-board		125.0 x 48.4 x 11.04 mm (4.92 x 1.91 x 0.435)		
ike	ŀ		ickness (no lining)	<u>'</u>	125.0 x 48.4 x 10.55 mm (4.92 x 1.91 x 0.415)		
ng	<del></del> -		or riveted (rivets seg.)	∤	OB/3.42 mm (0.135); IB 4.85 mm (0.191)		
- 1	.	Manufa			Riveted 10 primary, 12 secondary drum; riveted, 8-disc		
ł	Rear wheel		ode****	<del></del>	Intanu Delco Moraino		
- 1	ŀ	Material			IN 4035/4050 DM 5470		
1	}				Non-asbestos		
- 1	+		Primary or out-board	$\longrightarrow$	192.5 x 50.8 x 4.98mm (7.58 x 2.0 x 0.196) / (a)		
1			Secondary or in-board		249.6 X 50.8 X 6.75mm (9.83 x 2.0 x 0.266) / /b)		
		Shoe thi	kness (no lining)		Drum 1.98mm(0.078); disc 0B/3.42mm(0.135), IB/4.85mm(0.19)		

<sup>&</sup>quot;Excludes rivet holes grooves, chamfers, etc. (a) 125.0 x 48.4 x 11.04mm (492 x 1.91 x 0.435)
"Includes rivet holes grooves, chamfers, etc. (b) 125.0 x 48.4 x 10.55 (4.92 x 1.91 x 0.435)

"Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.)

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

<sup>\*\*\*\*</sup>Size for drum brakes includes length x width x thickness.

<sup>\*\*\*\*\*</sup>Manufacturer I.D., catalog or formulation designation and coefficient of friction classification.

METRIC (U.S. Customary)

			•		
Body Typ	e And/Or Ispiacement		Sport Coupe	L7	
<b>V</b> -553, <b>163,1</b>			Base	LB8 Engine	LG4 Engine
Tires A	nd Wheels (St	andard)			
<u> </u>	Size (load range	. plv)	P215/65R-15BL(+)	D205 /700 14 DI	D105 (705 1 205)
	Type (bias, radia		Steel belted radials	P205/70R-14 BL	P195/70R-14BL (
Tires	Inflation pres- sure (cold) for recommended	Front [kPa (psi)]	205 (30)		
	max. vehicle load	Rear [kPa (psi)]	205 (30)		
	Rev. mile-at 70	km:h (45 mph)	508	511	
	Type & material	<del></del>	Full styled disc, stee	1 Short spoke disc,	steel (a)
	Rim (size & flang	je type)	15 x 7	14 x 7	
Wheels	Wheel offset	T	8.0 (.315)	8.0 (.315)	8.0 (.315)
	Amanha	Type (bolt or stud)	Stud		
	Attactvnent	Circle diameter	120.7 (4.75)		
		Number & size	5-M12 x 1.5 - 6H-thd.	(metric)	<del></del>
Spare	Tire and wheel (s other describe)	ame, if	15 x 4; T125/70D15, Bi	as Ply, Nylon (Temp	orary type)
	Storage position (describe)	& location			<u> </u>
	(oescribe)		<pre>Vertically adjacent to (+) - Non "All Season"</pre>	R.H. quarter panel	
Tires An	d Wheels (Opt	ional)	(+) - Non "All Season"	Tires.	
Size (load ra	inge, ply)			T0005 (7003)	
Type (bias.				P205/70R14 WS*	
Wheel (type		<del></del>		Steel belted radi	al
	ange type and offset)			Cast aluminum	
Size (load ra		<del>-</del>	P215/65R-15 OWL(+)	14 x 7 8.0 (.315	)
Type (bias, r		<u> </u>	Steel belted radial	P195/70R14 BL (+)	
Wheel (type	& material)		Full styled disc. stee	Steel belted radi	a !
Rim (size, fla	inge type and offset)		15 x 7 8.0 (.315)	<u> </u>	
Size (load ra			13 X / 8.0 (.315)		
ype (bias, n	adial, etc.)			· · · · · · · · · · · · · · · · · · ·	
Vheel (type	& material)			<del></del>	<del></del>
lim (size, fla	inge type and offset)		<del></del>		· · · · · · · · · · · · · · · · · · ·
ize (load ra	nge, ply)		· · · · · · · · · · · · · · · · · · ·		
ype (bias, ra	adial. etc.)		<del></del>	<del></del>	
Vheel (type a	& material)				
im (size, fla	nge type and offset)				
pare tire and	d wheel		Tire-Base -		
foad tire or optional spa	tion is different than wheel, describe are tire and or wheel torage position	***	T125/70D15 without pos P195/75D14 with positr	action with 14 x 5	wheel
rakes –	Parking		1 seasons mud and snow,	4th generation GM 1	PC tires.
pe of contro		<del></del>	Chin handle control		
cation of co			Grip handle control		
perates on	- III G		Right side of floor con	isole	
A 10162 UT	Time (into		Rear service brakes		
	Type (internal or ex	ternal)			
separate m service	Drum diameter				
ekes	Lining size (length x width x thickness)	· [		· · · · · · · · · · · · · · · · · · ·	

Car Line <u>CAMARO</u>

Model Year 1987 Issued 6-86 Revised (•) 11-86

METRIC (U.S. Customary)

Body T	ype :	And/(	)r
Engine	Dis	place	nent

IFP87 WITH (RPO Z28)	IFP87/Z28/B4Z (IROC-Z)

	Size (load range	, ply)	P215/65R-15BL & OWI	(a)(+) P245/50 VR 16 BL* (+)		
Type (bias, radial, etc.)		i, etc.)	Steel belted radials	(4)(1)[1243/30 th 10 BL* (4)		
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	/ጤት (45 mph)	498	1500 (00)		
•	Type & material		Cast Aluminum			
	Rim (size & flang	e type)	15 x 7	16 x 8		
Wheels	Wheel offset		8.0 (.315)	Front O, Rear 20 (.787)		
	ľ	Type (bolt or stud)	Stud	17. 0110 0; Near 20 (.707)		
	Attachment	Circle diameter	120.7 (4.75)			
		Number & size	5-M12 x 1.5 - 6H-thd	(metric)		
Spare	Tire and wheel (somether describe)	ame, if	Z28-15x4'T125/70D15.	Bias Ply Nylon (Temporary type) 415/60)		
	Storage position (describe)	location		1/14.Bias Ply.Nylon (Inflatable) 240(35		
Tires An	d Wheels (Opt	ional)	*Directional Tread.	to R.H. quarter panel (+) - Non "All Season" tires.		
Size (load ra		,	P235/60 VR-15 BL (b)	(+)		
Type (bias, i	radial, etc.)		Steel belted radial			
Wheel (type	& material)		Cast aluminum			
im (size, fla	ange type and offset)	*	15 x 7, 8.0 (.315)	<del></del>		
Size (load ra	inge, ply)		10 X 71 0.0 (.313)			
Type (bias. r	adial, etc.)					
Wheel (type	& material)					
Rim (size, fla	ange type and offset)					
ize (load ra	nge, ply)			<u> </u>		
ype (bias, r	adial, etc.)		<del> </del>	·		
Vheel (type	& material)		<del></del>			
Rim (size, flange type and offset)						
Size (load range, ply)						
Type (bias, radial, etc.)						
Vheel (type	& material)	<del></del>				
im (size, fla	nge type and offset)					
pare tire an		<del></del>				
(if configuration is different than road tire or wheel, describe optional spare tire and or wheel location & storage position			•			

Brakes -	Parking (a) used w	with base LG4 & LB9 V8. (b) with opt. L98 V8.
Type of control		Grip handle control
Location of control		Right side of floor console
Operates on		Rear service brakes
	Type (internal or external)	••
ff separate from service brakes	Drum diameter	
	Lining size (length x width x thickness)	••

CAMARO Model Year 1987 Issued . Revised (\*) 11-86

METRIC (U.S. Customary)

Sody Type And Or Engine Displacement

2-DOOR HATCHBACK COUPES **1FP87** 1FP87/B4E

**Z28** 

Manual (std., opt., n.a.)		Not Available							
Power (std.	., opt., n.a.)			Standard					
Adjustable		Туре		Tilt-universal	ly jointed	stus shoft at	<u> </u>	-6	
Steering whi	eel column	Manufactur	er	TITC-GITTAGE 201	iy. Jointea	strg shaft at	Dase	of strg	whi-6 pos
(tilt, telesco	pe, other)	(Std., opt., n	).a.)	Optional					<del></del>
Wheel diam		Manual		Not Available		······································	<del>-</del>	<del></del> -	
(W9) SAE J	11100	Power		368 mm (14.5 i	-1	<del></del>			<del></del>
	Outside	Wall to wall	(), & c.)	11.91 (39.1)	11	10 00 (20 4)		10.00	7.3.
Turning	front	Curb to curt				12.02m (39.4)		12.02m	(39.4)
diameter m (ft.)	Inside	Wall to wall		1107/ (3/00)		<del>-</del>		<u></u>	
(,	rear	Curb to curt		Not Available		<del> </del>			
Scrub Radiu	15*	1 00.0 10 00.0	/ (i. ta /.)	10 11	<del></del>	· · · · · · · · · · · · · · · · · · ·			
	<del></del>	Туре		11 11					
		Manufacture	<del></del>	11 11					
Manual	Gear	manuracture	_	***					
VIII. 10 (E)	1	Ratios	Gear	<del></del>	·				
	No whoe	111100 /0100 0	Overail	***	<del></del>			•	
		turns (stop to		11 11					<del></del>
		ixial, linkage, e	nc.)	Coaxial					<del></del>
	Manufact			Saginaw Steerin	ig Gear				
Power		Туре		Semi-reversible	recirculat	ting ball		-	
	Gear	Ratios	Gear	14:1 (a)		12.7:1 (b)		12.7:1	(c)
	ļ		Overall	15.4:1		14:1	_	14:1	10/
	Pump (dr			'V' belt		<del></del>			
	No. wheel turns (stop to stop)		2.72		2.47		2.26		
	Туре		Parallelogram				2.20		
inkage	Location (front or rear of wheels, other)		Front	,			<u></u>		
	Tie rods (one or two)			Two					
	Inclination at camber (deg.)		Not Available						
teering		Upper		Ball stud	<del></del>				
xis	Bearings (type)			Ball stud				<del></del>	<del></del>
		Thrust		None		<del>-</del>		<del></del>	
Steering spindle & joint type		Steering knuckl	o with onko	unical Jakaka		<del></del>			
	T T	Inner bearing	<del>  </del>	31.73-31.74 (1.	<u>e with sphe</u> 2493-1.2498	rical joints			
heel	Diameter	Outer bearing		314/3-314/4 ( I a		<u> </u>			
pindle hub	Thread (size)		21.04-21.42 (0.83-0.84)						
ACIONE TRUD	Thread (siz	(6)		3/4-20 UNEF-3A	(modified)				<del></del>

<sup>\*</sup>The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground. "See Page 21.

- (a) Base
- (b) (RPO F41) Z28 (c) (RPO FE2 IROC

CAMARO Model Year\_ 6-86 Revised (e) 11-86

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

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

Wheel Alignment

	Service	Caster (deg.)	+5° +/5° (a)
j	checking	Camber (deg.)	+1° +/5°
		Toe-in (outside track-mm (in.))	+.15° +/5°
Front	Service	Caster	+5° +/- 0.5° (a)
wheel at curb mass	reset*	Camber	+1° +/- 0.5°
(wt.)		Toe-in	+.15° +/05°
f	Periodic M.V. in- spection	Caster	+5° +/5° (a)
		Camber	+1° +/5°
		Toe-in	+.15° +/5°
1	Service checking	Camber (deg.)	Not Applicable
Rear		Toe-in [outside track-mm (in.)]	"
vheel at curb mass	Service reset*	Camber	11
wt.)		Toe-in	II .
ſ	Periodic M.V. in- spection	Camber	ti .
		Toe-in	=

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

<sup>(</sup>a) IROC-Z  $+3.5^{\circ} +/-.5^{\circ}$ 

Electrica	I – Instruments and Equipment	Sport Coupe and LT	Z28 and IROC-Z
Speed-	Type (analog, digital, std., opt.)	Round dial, pointer 0-85 mph (b)(	<u>c)</u>
ometer	Trip odometer (std., opt., n.a.)	Optional gage package only	Standard
EGR mainten	nance indicator	Not Available	Not Available
Charge	Туре	Tell-Tale Warn. Lt. (a)	
indicator	Warning device (light, audible)	Inherent	Electric gage
Temperature	Type	Tell-Tale Warn, Lt. (a)	Not Available
indicator	Warning device (light, audible)	Inherent	Electric gage
Oil pressure	Туре	Tell-Tale Warn. Lt. (a)	Not Available
indicator	Warning device (light, audible)	Inherent	Electric gage
Fuel	Туре	Electric gage with pointer	Not Available
Indicator	Warning device (light, audible)	Not Available	
	Type (standard)	.Two speed-manual control-fluidic	(wot apm)
Wind- shield	Type (optional)	Intermittent	(wet arm)
wiper	Blade length	454 mm (18 inches)	
	Swept area (cm²(in.²))	5792 (898.0)	
Wind-	Type (standard)	Manual control	
shield washer	Type (optional)	Not Available	
	Fluid level indicator (tight, audible)	11 11	
Rear window v	wiper, wiper/washer (std., opt., n.a.)	11	
Hom	Туре	Vibrator	
	Number used	Two	
Other	·		Tachometer standard (Round dial, pointer) Upshift telltale

<sup>(</sup>a) Sport coupe & LT same (except on upshift light) as Z28 when optional gage package is

<sup>(</sup>b) Metric conversions included.(c) 0-145 speed for Z28 and IROC-Z with LB9 or L98 V8.

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

Engine Description/Carb. Engine Code

2.8 Liter V6 (173 CID)
(2.8 Multi Port FI)
RPO LB8

Electrical - Supply System

	Manufacturer	Delco Remy
	Model, std., (opt.)	75-525(a), 75-570(b)
	Voltage	12 Voit
Battery	Amps at 0°F cold crank	525(a), 570(b)
-	Minutes-reserve capacity	(a)90 minutes, (b)90 minutes
	Amp/hrs 20 hr. rate	••
	Location	Engine compartment right front
	Manufacturer	Delco Remy
Uternator	Rating	(c, d)
	Ratio (alt. crankrev.)	2.75:
	Optional (type & rating)	None
Regulator	Туре	Micro circuit units integral with alternator

**Electrical** - Starting System

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

Electrical - Ignition System

Type	Electronic (std., opt., n.a.) Other (specify)			
			Computer controlled coil ignition (C3I)	
	Make		Delco Remy	
Coil	Model		Separate	
	Current	Engine stopped – A	0	
	<u>.</u>	Engine idling - A	5.5 max.	
	Make		AC	
	Model		R42 CTS	
park lug	Thread (mm)		M14 x 1.25 SAE	
ug	Tightening torque [N-m (lb, ft)]		9-20 (7-15)	
	Gap		1.143 (.045)	
Distributor	Number pe	r cylinder	One	
	Make		Not Applicable	
	Model		- NOT ADDITICABLE	

## 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) 85 amp with heater, 30 amp at idle.
- (d) 100 amp with air conditioning, 36 amp at idle.

CAMARO Car Line 6-86 Revised (•) Model Year\_ 1987 issued \_\_ 11-86

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

Engine Description/Carb. Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4

Electrical - Supply System

	Manufacturer	Delco Remy
	Model, std., (opt.)	70-525(a), 75-570(b)
	Voltage	12 Volt
Battery	Amps at 0°F cold crank	525(a), 570(b)
	Minutes-reserve capacity	75(a), 90(b)
	Amp/hrs 20 hr. rate	••
	Location	Engine compartment right front
	Manufacturer	sing the compartment of the front
Alternator	Rating	(a, b)
	Ratio (alt. crank/rev.)	3.14:1
	Optional (type & rating)	None
Regulator	Туре	Micro circuit units integral with alternator

# Electrical - Starting System

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

Electrical - Ignition System

Туре	Electronic (std., opt., n.a.)		
	Other (specify)		High Energy Ignition (HEI)
-	Make		Delco Remy
Coil	Model		Integral with Distributor
	Ситтепт	Engine stopped - A	0.5
	<u> </u>	Engine idling - A	1.0
	Make		L AC
	Model		R43TS
park lug	Thread (mm)		M14 x 1.25 SAF
nā	Tightening torque [N-m (lb, ft)]		9-20 (7-15)
	Gap		0.905 (0.035")
	Number pe	r cylinder	One
Distributor	Make		Delco Remy
	Model		1103698

# Electrical - Suppression

Locations & type

Internal alternator capacitor, non-metallic high-tension ignition capies, 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 ohly" blower motors and coax capacitor.

<sup>(</sup>a) - 85 amp (+C41), 30 amp at idle.(b) - 100 amp (+C60/C67), 36 amp at idle.

Car Line **CAMARO** 1987 6-86 Model Year\_ 11-86 issued . Revised (e)

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

Engine Description/Carb. **Engine Code** 

5.0 Liter V8 (305 CID)	5.7 Liter V8 (350 CID)
(Tuned Port Fuel Injection)	(Tuned Port Fuel Injection
RPO LB9	RPO L98

Electrical - Supply System

	Manufacturer	Delco Remy		
	Model, std., (opt.)	70-525(a), 75-570(b)	1 75-630	
	Voltage	12 Volt		
attery	Amps at 0°F cold crank	525(a), 570(b)	630	
-	Minutes-reserve capacity	75(a), 90(b)	90	
	Amp/hrs 20 hr. rate		<u>-</u>	
	Location	Engine compartment right fr	ont	
·	Manufacturer	De Ico Remy		
ternator	Rating	105 amp (42 pump at 101e)	<del></del>	
- Pari - MESSA	Ratio (alt. crank/rev.)	3.14:1		
	Optional (type & rating)	None		
egulator Type Micro circuit units integral with alternat		1 with alternatur		

# Electrical - Starting System

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

## Electrical - Ignition System

Туре	Electronic (std., opt., n.a.) Other (specify)		
			High Energy Ignition (HEI)
	Make		Delco Remy
Coil	Model		Remoto mounted
	Current	Engine stopped – A	0.5
		Engine idling - A	1.0
	Make		AC
	Model		R43TS
ipark lug	Thread (mm)		M14 x 1.25 SAE
iug	Tightening torque [N-m (lb, ft)]		9-20 (7-15)
	Gap		0.905 (0.035)
	Number per cylinder		One
Distributor	Make		Delco Remy
	Model		1103698

## Electrical - Suppression

Locations & type

Internal alternator capacitor, non-metallic high-tension ignition capies, 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.

<sup>(</sup>a) - Standard battery.(b) - With H.D. option UAl.

METRIC (U.S. Customary)

Bod. S.			2-Door Hatchback Coupes		
Body Ty	rpe		1FP87	Z28	
			Sport Coupe	(1FP87 + RPO Z28)	
Body					
			Full unitized steel const	ruction. cowi, root, underbody	
Structure	·		i and pody baueiz Meided fo	of torm body shell. Bolt-in been book and	
Bumpers front - rea	ystem		Body color soft facia, honeycomb absorber and heavy gauge reinforcement used front and rear. GM 5 mph protection.		
Anti-corrosion treatment			Galvanized metals, zinc rother corrosion resistant	rich primers, wax coating and materials used throughout.	
Body -	Miscellaneou	s Information			
Type of fini	sh (lacquer, ename	l. other)	Lacquer or enamel (base c	02+/01022 000+)	
	Hinge location		Rear Rear	uat/Clear coat)	
Hood	Type (countert	Dalance, prop)	Gas strut assist		
		ol (internal, external)	Internal		
Trunk	Type (countert				
id		e control (elec., mech., n.a.)	••		
datch- back lid	Type (countert		Dual gas struts - electri	c final closure std.	
	Internal release	e control (elec., mech., n.a.)	Electric release optional		
Station wagon					
		Front			
ent windo: iction, pivo	v control (crank, il. power)	Rear	Not Available		
		Front	Not Available		
eat cushio 2.g., 60 40,	n type bucket, bench,	Rear	Bucket molded foam pad		
ire. foametc.)		3rd seat	Bucket molded foam pad		
		Front	Dog 14 days by the state of the		
eat back type .g., 60 40, bucket, bench,		Rear	Reclining bucket molded for	oam pad	
ire. foam et	tc.)	3rd seat	Folding bench. Split back	k optional molded foam pad	
				,	
	_				

MVMA-C-87

 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6-86
 Revised (●)
 11-86

			2-Doc	or Hatchback Coupes	
Body Type			1FP87		Z28
Restrain	nt System				
Active	Standard optional		Standard		
restraint system	Type and description	1	3-point shoulder/lap b	elts - front: lan he	lts_rear
	Location		2-front, 2-rear	group of the second	103-1001
	Standard optional		Not available		
Passive seat belts	Power manual				
	2 or 3 point		_ ==		
	Knee bar tap belt				-
Frame					
Type and des unitized frame	cription (separate frame e. partially-unitized fram	e)	Full integral body frame front suspension crossm	ne, includes bolted onember.	on
Glass		SAE Ref. No.			
Windshield gl surface area (	ass exposed cm²(in.²)]	S1	9000.4 (1395.0)		
Side glass ext area (cm² (in.²	posed surface )]- total 2-sides	S2	6519.8 (1010.6)		
Backlight glas surface area [	Backlight glass exposed S3 surface area [cm²(in.²)]		6232.0 ( 966.0)		
trea [cm²(in.²	otal glass exposed surface rea [cm²(in.²)]		21752.2 (3371.6)		
	Vindshield glass (type)		Curved-Laminated Plate		
	ide glass (type)		Curved-Tempered Plate		
vacklight glass	acklight glass (type)		Curved-Tempered Plate		

Car Line	CAMARO				
Model Year	1987	Issued	6-86	Revised (e)	1-86

Sody Type		2-Door Hatchback Coupes
		1FP87 Z28
Conveni	ence Equipment (standard, opti	onal, n.a.)
	ino (manua).	Optional - manual control
Clock (digita	I. analog)	Digital in madia (contro)
Compass ti		Digital in radio. Uptional Spt Cpe & LT, std Z28 & IROC Not Available
Console (floo	or, overhead)	
Defroster, ek	ec. backlight	Floor standard, Overhead opt. Exc. base sport coupe Optional
	Diagnostic monitor (integrated, individual)	Not Available
	Instrument cluster (list instruments)	Not Available
Electronic	Keyless entry	Not Available
	Tripminder (avg. spd., fuel)	H H
	Voice alert (list items)	10 11
	Other	
Fuel door lock	k (remote, key, electric)	Not Available
	Auto head on / off delay, dimming	III II
	Cornering	Not Available
Lamps	Courtesy (map. reading)	
	Door lock, ignition	Optional with lamp group (under dash)   Not Available
	Engine compartment	Optional with lamp group
	Fog	Standard TDOC 7
	Glove compartment	Standard IROC-Z, optional IT & Z28
	Trunk	Standard (compartment in floor console)
	Other	Optional w/lamp group   Not Available
	Overhead Reading lamp	
	Day night (auto, man.)	Included in opt. roof console
Mirrors	L.H. (remote, power, heated)	Manual standard, automatic optional
	R. H. (convex. remote, power, heated)	Remote std., Power opt.
	Visor vanity (RH LH, illuminated)	Manual std., Power opt. Both convex
Parking brake-	auto release (warning light)	RH. non-illuminated NA Spt. Cpe & LT, Std. Z28 & IROC-Z
	Door locks deck lid - specify	Hand release, warning light standard
	Seat (2-4-6 way)	Optional - Electric, doorlocks and rear hatch release(a)
	heated (driver, pass, other) lumbar, hip, thigh support (power, manual)	Standard-Reclining both seats
Power	reclining (driver, pass) memory (1-2 preset, recline)	Optional 6-way power driver's seat
equipment	Side windows	Optional
	Vent windows	Not Available
	Rear window	Not Available
		••
Radio	Antenna (location, whip, w shield, power)	R.F. fender fixed mast, power optional
systems .	AM, FM, stero, tape, CB	AM std (b)
	Speaker (number, location) Premium sound	
Roof open air fix	ed (flip-up, sliding, "T")	Four-Two in instrument panel, two in root sail panel (c) "T" type, optional
Speed control de	evice	Cruise control, optional
Speed warning (	levice (light, buzzer,etc.)	Not available
achometer (rpn		Ontring 1 for Color
elephone syste	m - mobile	Not Available Std. for Z28 & IRUC-Z

(a) Power final closure latch standard for all models. (b) AM/FM stereo, AM/FM stereo cassette, AM stereo/FM stereo cassette with equalizer opt,

AM/FM stereo cassette with Bose and equalizer opt.

Fage 19

shift levers and ignition.

Lock mounted on steering column-locks str./wheel, trans.

(c) Two Bose speakers in load floor hinged panel

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 J1100 "Motor Vehicle Dimensions." unless otherwise specified.

		commended Practice J1100 "Motor Vehicle Dimensions," unk		<u> </u>
Body Type Width	SAE Ref. No.	2-Door Hatchback Coupes 1FP87	1FP87/B4E	("LT")
Tread (front)	WIDI	1541 ( 60.7)	1525	(60.0)
rear (rear)	W102	1564 ( 61.6)	1525	(60.0)
Vehicle width	W103	1850 ( 72.8)	1548	(60.9)
Body width at Sg RP (front)	W117	1830 ( 72.0)	<del> </del>	
Vehicle width (front doors open)	W120	3939 (155.1)		<del> </del>
/ehicle width (rear doors open)	W121		<del></del>	
Front fender overall width	W106	1850 ( 72.8)		
Rear fender overall width	W107	1840 ( 72.4 )		
Tumble-home (deg.)	W122	31.5°	· · · · · · · · · · · · · · · · · · ·	
Length				
Mheelbase	L101	2566 (101.0)		
Vehicle length .	L103	4777 (188.0)		
Overhang (front)	L104	1086 ( 42.7)		
Overhang (rear)	L105	1125 ( 44.3)	<del> </del>	
pper structure length	L123	2669 (105.1)		<del>-</del>
lear wheel C/L "X" coordinate	L127	2138 ( 84.2)		
low! point "X" coordinate	L125	108 ( 4.3)		<del></del>
ront end length at centerline	L126			
ear end length at centerline	L129	345 ( 13.6)		
leight **				<del>-</del>
assenger distribution (front/rear)	PD1.2,3	88		
runk/cargo load		a1	<del></del>	
ehicle height	H101	1271 (50.0)		
owl point to ground	H114	898 (35.3)		
eck point to ground	H138	915 (36.0)		
ocker panel-front to ground	H112	193 (7.6)		
ottom of door closed-front to grd.	H133	357 (14.0)		<del></del>
ocker panel-rear to ground	H111	193 (7.6)		<del></del>
ottom of door closed-rear to grd.	H135		<del></del>	
indshield slope angle	H122	62.0°		<del></del>
acklight slope angle	H121	71.0°		
round Clearance **				
ont bumper to ground	H102	283 (11.2)		
ar bumper to ground	H104	317 (12.5)		
imper to ground (front curb mass (wt.))	H103	304 (12.0)		•
mper to ground [rear curb mass (wt.)]	H105	334 (13.2)		<del> </del>
gle of approach (degrees)	H106	16.5°		
gle of departure (degrees)	H107	18.6°	·	
mp breakover angle (degrees)	H147	12.9°		<del></del>
e differential to ground (front / rear)	H153	172 (6.8)	·	
n. running ground clearance		121 (4.8)		
TANK A ALACHA CHARLENICS	H156	161 (4-8)		

<sup>&</sup>quot;All Vehicle Height And Ground Clearances Are Made Using EPA Loaded Vehicle Weight, Loading Conditions.

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

# **MVMA Specifications Form** Passenger Car METRIC (U.S. Customary) Car and Body Dimensions See Key Sheets for definitions

Car Line	CAMARO				
Model Year	1987	lasued	6-86	Revised (e)	11-86

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.

	SAE	2 Door Us	tohback Course
Rody Type Width	Ref. No.	1FP87 with (RPO Z28)	tchback Coupes   1FP87/Z28/B4Z (IROC-Z)
Tread (front)	W101	1525 / 60 0)	
Trear (rear)	W102	1525 ( 60.0) 1548 ( 60.9)	1541 ( 60.7)
Vehicle width	W102		1539 ( 60.6)
Body width at Sg RP (front)	W117	1850 ( 72.8) 1830 ( 72.0)	
Vehicle width (front doors open)	W120	3939 (155.1)	
Vehicle width (rear doors open)	W121	3939 (133.1)	
Front fender overall width	W106	1850 ( 72.8)	
Rear fender overall width	W107	1840 (72.4)	
Tumble-home (deg.)	W122	31.5°	<u> </u>
Length			
Wheelbase	L101	2566 (101.0)	
Vehicle length	L103	4877 (192.0)	
Overhang (front)	L104	1178 (46.4)	
Overhang (rear)	L105	1133 (44.6)	
Jpper structure length	L123	2669 (105.1)	
Rear wheel C/L "X" coordinate	L127	2138 ( 84.2)	
lowl point "X" coordinate	L125	108 ( 4.3)	
ront end length at centerline	L126		
lear end length at centerline	L129	345 ( 13.6)	
leight "*			
assenger distribution (front/rear)	P01.2.3	13	
runk/cargo load			
ehicle height	H101	1279 (50.3)	
owl point to ground	H114	904 (35.6)	
leck point to ground	H138	918 (36.1)	
ocker panel-front to ground	H112	201 ( 7.9)	
ottom of door closed-front to grd.	H133	362 (14.3)	
ocker panel-rear to ground	H111	197 ( 7.8)	
ottom of door closed-rear to grd.	H135	••	
Vindshield slope angle	H122	62.0°	
acklight slope angle	H121	71.0°	
round Clearance **	<del></del>		
ront bumper to ground	H102	347 (13.7)	
ear bumper to ground	H104	329 (13.0)	
umper to ground [front curb mass (wt.)]	H103	359 (14.1)	•
umper to ground [rear   Curb mass (wt.)]	H105	344 (13.5)	· · · · · · · · · · · · · · · · · · ·
ngle of approach (degrees)	H106	12.2	
ngle of departure (degrees)	H107	18.8°	
amp breakover angle (degrees)	H147	13.40	
ide differential to ground (front / rear)	H153	182 (7.2)	
in. running ground clearance	H156	128 (5.1)	

<sup>\*\*</sup>All Vehicle Height And Ground Clearances Are Made Using EPA Loaded Vehicle Weight, Loading Conditions. EPA LOADED VEHICLE WEIGHT Is The Base Vehicle Weight Plus All Coolant And Fluids Necessary For Operation Plus 100% Of The Fuel Capacity, Plus The Weight Of All Options And Accessories Which Weigh Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

**CAMARO** Car Line

1987 Model Year,

6-86

Revised (e) 11-86

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

See Key Sheets for definitions

BAE 2-Door Hatchback Coupes Ref. **Body Type 1FP87 Z28** Front Compartment Sg RP frorit, "X" coordinate 1050 L31 (41.3) Effective head room 940 H61 37.0 Max. eff. leg room (accelerator) L34 1092 (43.0)SgRP to heel point H30 181 7.1 SgRP to heel point L53 911 (35.9)26.5 Back angle L40 Hip angle L42 98.0 Knee angle 133.0 L44 Foot angle L46 87.0 Design H-point front travel L17 192 7.6 Normal driving & riding seat track trvt. 171 L23 **6.**7 Shoulder room 57.5 W3 1460 1430 Hip room W5 (56.3)Upper body opening to ground H50 Steering wheel maximum diameter **W**9 368 (14.5)Steering wheel angle 18.0 H18 Accel, heel pt. to steer, whi, cntr Not Available L11 Accel, heel pt. to steer, whi, ontr H17 Steering wheel to C/L of thigh 3.6)H13 Steering wheel torso clearance <u> 360</u> L7 (14.2)Headlining to roof panel (front) 12 0.5H37 Undepressed floor covering thickness H67 0.6 All Interior Dimensions Are Messured With The Seating Reference Point (SgRP) Rear Compartment mm (1 Sest Adjuster Notch) Forward Of Rearmost Seat Position. Sg RP Point couple distance L50 668 (26.3) Effective head room **H63** 905 (35.6)Min. effective leg room L51 756 (29.8)Sg RP (second to heel) H31 183 7.2 Knee clearance L48 -15 -0.6 Compartment room 582 L3 (22.9 Shoulder room W4 1430 56.3 Hip room W6 1087 (42.8 Upper body opening to ground H51 28.0° Back angle L41 Hip angle L43 68.0 Knee angle L45 66.5 Foot angle L47 116.5 Headlining to roof panel (second) Not Available **H38** Depressed floor covering thickness **Luggage Compartment** Usable luggage capacity [L (cu. ft.)] sa Liftoverheight H195 881 (34.7)883 (34.8) Interior Volumes (EPA Classification) Vehicle class (subcompact, compact, etc.) Sub-Compact Interior volume index (cu. ft.) 84.9 12.4 Trunk/cargo index (cu. ft.)

**CAMARO** CarLine \_ 1987

Model Year \_

6-86 Revised (•)

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

Body Type	SAE Ref.		2-Door Hatchback Coupes	
500y 19pe	No.	1FP87		· Z28
Station Wagon - Third Seat		·		· , , ,
Sg RP couple distance	L85			<del></del>
Shoulder room	W85	Not		<del> </del>
Hip room	W86	Applicable		
Effective leg room	L86	прриссонс		
Effective head room	H86			· · · · · · · · · · · · · · · · · · ·
Sg RP to heel point	H87			
Knee clearance	L87			
Seat facing direction	SD1			· · · · · · · · · · · · · · · · · · ·
Back angle	L88	<del>                                     </del>		······································
Hip angle	L89			
Knee angle	L90			<del></del>
Foot angle	L91			
Station Wagon – Cargo Spac	Δ			
Cargo length (open front)	T .	At - A		
Cargo length (open roon)	£200	Not		
	L201	Applicable		
Cargo length (closed front)	L202			<del></del>
Cargo length (closed second)	L203			
Cargo length at belt (front)	L204			· · · · · · · · · · · · · · · · · · ·
Cargo length at belt (second) Cargo width (wheelhouse)	L205			
	W201			
Rear opening width at floor	W203			
Opening width at belt  Max rear opening width above belt	W204			
Cargo height	W205			
Rear opening height	H201	<u> </u>		
aligate to ground height	H202			
ront seat back to load floor height	H250			
Cargo volume index [m³(ft,³)]	H197			
tidden cargo volume [m³(tt.3)]	V2 V4			
Cargo volume index-rear of 2-seat	V10			
	1 410 1			· · · · · · · · · · · · · · · · · · ·
latchback - Cargo Space	7			
argo length at front seatback height	L208	895 (35.2)		
argo length at floor (front)	L209	1556 (61.3)		
argo length at second seatback height	L210	610 (24.0)		
argo length at floor (second)	L211	845 (33.3)		<del> </del>
ront seatback to load floor height	H197	355 (14.0)	· <del></del>	<del></del>
econd seatback to load floor height	H198	242 ( 9.5)		
argo volume index [m³(ft.³)]	V3	879 (31.0)		
idden cargo volume [m³(ft,3)]	V4			
argo volume index-rear of 2-seat	V11	350 (12.4)		
erodynamics*				
heel lip to ground, front	H172	682 (26.9)	69	9 (27.1)
heet lip to ground, rear	H173	690 (27.2)		
ontal area [m²(ft²)]		1.95 (21.0)	69	
ag coefficient (Cd)		Not Available		98 (21.3)

EPA Loaded Vehicle Weight, Loading Conditions All linear dimensions are in millimeters (inches) unless otherwise noted.

Car Line	<u>C</u> AMARO					
Model Year	1987	issued	6-86	. Revised (•)	11-86	

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

## Vehicle Fiducial Marks

Fiducial Number		Define Coordinate Location
Front		X - Fiducial mark to vertical base grid line - front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.
		Y - Fiducial mark to centerline of car - front, width measurement made from centerline car to fiducial mark located on top of the front seat adjuster mounting bolt.
		Z - Fiducial mark to horizontal base grid line - front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.
lear		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).
<b>~</b> 30		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).
iducial	ļ	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 lumber		
	W21	540 ( 21.3)
	L54	688 ( 27.1) *
ont	H81	-32 (- 1.3) #
	H161	296 (11.7)
•• ]	H163	277 ( 10.9) 284 (11.2)
	W22	548 ( 21.6)
1	L55	2815 (110.8) *
uar [	H82	96 ( 3.8) #
	H162	417 ( 16.4)
84	H164	400 ( 15.7) 407 (16.0)
		* Vertical Base Grid 2000 mm line. # Horizontal Base Grid 500 mm line.

<sup>\*</sup> Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.

All linear dimensions are in millimeters (inches).
\*\* EPA Loaded Vehicle Weight, Loading Conditions

Car Line	CAMARO					
Model Year_	1987	. issued _	6-86	_ Revised (e)	11-86	-

Body Type			1FP87	k Coupes 728
Lamps and	l Headlamp S	hape*		
	Headlamp (SAE - H127)	Highest**	641 (25.2)	
	(SAE - H127)	Lowest	641 (25.2)	
Height above ground to center of butb	Taillamp	Highest**	776 (30.5)	
	(SAE · H128)	Lowest	776 (30.5)	
	Sidemarker	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	••	
Distance from C L of car to center of bulb		Outside**	610.5 (24.0)	
	Directional	Front	574.5 (22.6) except Z28	585.5 (23.0)
	<u></u>	Rear	481.0 (18.9)	
Halogen	Lo beam		Optional	
readiamp std., opt., n.a.)	Hi beam		Optional	
,,	Replaceable Shape	e buib	N.A. (sealed beam)	
	Lo beam	<del></del>	Rectangular Conventional	
do o et la en -	Hi beam		Conventional	
Headlamp other than	Replaceabl	e	Entire sealed beam unit	
bove	Shape		Rectangular	
	Туре		Four lamp system	

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

All linear dimensions are in millimeters (inches) unless otherwise noted.

Car Line	CAMARO					
Model Year	<u> 1987 </u>	Issued	6-86	Revised (•)	_11-86	

		Vehicle Mass (weight)							
Model	CU	CURB MASS, kg. (weight, lb.)*			% PASS. MASS DISTRIBUTION				
	Front	Rear	Total		In Front	Pass	In Rear	SHIPPING MASS. kg (weight, lb.)*	
Standard			10.03	Front	Rear	Front	Rear	(110191111101)	
2-Door Hatchback	7/1.	515				<del> </del>	<del> </del>	<del> </del>	
Coupe IFP87		616.9 (1360	1					1351.6	
	11700	7/(1380	(3060)	<del> </del>	<del> </del>			(2980)	
LT					<u> </u>				
	<del></del>		<del>                                     </del>	<del>                                     </del>		<del> </del>			
2-Door Hatchback	773.8	630.2	1404.0	<del> </del>	<del></del>	<del></del>	<del> </del> -	1267 6	
Coupe 1FP87/B4E	(1706	)(1389	(3095)	<del>                                     </del>	<del> </del>	+	<del> </del> -	1367.6	
			(3033)				<del> </del>	(3015)	
Z28									
2-Door Hatchback	920 3	E11 E	1450						
Coupe 1FP87 w/Z28		624.6		<u> </u>				1426.5	
	(1848	)(1377	(3225)	· · · · · ·				(3145)	
IROC-Z					<del>                                     </del>		<del> </del>		
2-Door Hatchback	854 3	635.6	1400 0						
Coupe 1FP87 W/Z28/B4Z	71893	)(1401	1489.8 (3284)		<u> </u>		ļ	1453.4	
	(1003	7(1401	(3204)	<u> </u>	<del> </del> -	<u> </u>	ł	(3204)	
Curb Weight - The calcul	ated wei	aht of	a vehicle i	vith ct	andard	eguinm			
Unity as de	21 duea M	ith the	: additiona	llioad	lof nil	luhes	\$11L	<del></del>	
coolants,	and fuel	all fi	lled to ca	acity.					
						_			
Shipping Weight - Same a	s base d	urb wei	ght, excep	: 3 qa	lons o	f gasol	ne.		
					···-				
								<del></del>	
		$\overline{}$				<del></del>		<del></del>	
	<del>                                     </del>	+							
							<del></del>		
	+							,	
				<del></del>					
	<del>  </del>								
·····			1		I .	E			

Reference – SAE J1100 Motor vehicle dimensions, curb weight definition.
 Shipping mass (weight) definition –

CAMARO Car Line \_ 6-86 Revised (e) 11-86 Model Year\_ 1987 \_ Issued \_\_

		c	Ptional Equ	ipment Differential Mass (weight)*	
Equipment			SS, kg. (weight, lb.)		
Power Seat, 6-Way,	Front	Rear	Total	Remarks	
(Driver's side only)	2.2			All models	
RPO-AG9	(4.8)	(6.2)	(11.0)	(merchandising option for RPO-AC	
KFU-AG9	<del> </del>			2 2 2 0 1 1 0 1 1 0 AC	
Power Door Locks -	.8	10			
Electric. RPO-AU3	( 1.8)	( 2.2)	1.8	All models	
<u> </u>		1 2.0	(4.0)		
Power Windows - Electric	1.2	1.0	2.2	All models	
RPO-A31	(2.6)	(2.2)	(4.8)	All models	
Look Doll					
Lock Release-Liftback Electric RPO-A90	2	4	6	All models	
Electric. RPO-A90	(0.4)	(0.9)	(1.3)		
Mats. Front Floor -	<del>                                     </del>				
Colored-Keyed Carpet	.8	( 0.4	1.2	All models	
	<del>                                     </del>	(0.9)	(2.7)		
	1	<del></del>			
Mats Rear Floor -	.2	6	8	022	
Colored-Keyed carpet	(0.4)	1.31	(1.8)	All models	
RP0-B35					
Deluxe Luggage					
Compartment Trim	2	2.0	1.8	Optional Sport Coupe & Z28 & IROC	
RPO-B48	(-0.4)	(4.4)	(4.0)	Base equipment on "LT"	
1(1 0-648					
Moldings-Body Side-	.2	.4	-		
Black for Sport Coupe	(0.4)	(0.9)	.6 (1.3)	All models	
olor for Other Models		1 0.07	1.3/		
RP0-B84					
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e Engine - General Section for dressed engine	———				

 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6-86
 Revised (●)
 11-86

·			optional Equi	ipment Differential Mass (weight)*
Equipment		ASS, kg. (we		
Roof-Removable Hatch	Front	Rear	Total	Remarks
Panels-Glass RPO-CCT	(12.8)	9.6	15.4	All models, includes storage
11 0-001	(12.0)	(21.2)	(34.0)	bag and attaching hardware.
Windshield washer and	.2	0	.2	Ontional
Wiper (Pulse System)	(0.4)	(0)	(0.4)	Optional
RPO-CD4			( 0.4)	
Dofogoon Promities				
Defogger-Rear Window (Electric) RPO-C49	+, 0 ]	4	4	All models
TETECCT ICT RPU-L49	(0)	(0.9)	(0,9)	
Air Conditioning	14.2	1.8	16.0	With RPO LB8 engines.
(Manual Control)RPO-C60	(31.3)	(4.0)	(35.3)	Sport Coupe & "LT"
		1	(0000)	Sport coape & Li
	26.6	1.8	28.4	With RPO-LG4 & L98 engines.
	(58.6)	(4.0)	(62.6)	
	23.2	1.4	24.6	With RPO LB9 & MD8
	(51.1)	(3.1)	(54.2)	
	(44.5)	(4.0)	22.0	With RPO LG4 & MD8
	22.6	1.4	(48.5) 24.0	Mith DDO LDO 8 MOO
	(49.8)	(3.1)	(52.9)	With RPO LB9 & M39
	20.4	1.8	22.2	With RPO LG4 & M39
-	(45.0)	(4.0)	(48.9)	17 TO 1 KI O 204 & 1933
<u> Sport Mirrors - Electric</u>		,4	1.6	All models
Remote Control-R.H.&L.H.	(2.6)	(0.9)	(3.5)	
-Controls on L.H. Door Panel. RPO-DG7	<del>  </del>			
Panel. RPO-DG7	<del> </del>			
Roof Console	.8	- 2		
(Requires RPO-B18)	(1.8)	0.4)	(2.2)	Optional
RPO-DK6		V. 47	1 5061	
Rear Compartment Cargo Area Cover	4	3.0	2.6	All models
RPO-D42	(-0.9)	(6.6)	(5.7)	
KF0-D42		<del></del>		
poiler-Rear Deck Lid	6	2.4	1.8	0-1:16
3-piece) RPO-D80	(-1.3)	(5.3)	(4.0)	Optional Sport Coupe & "LT"
		( 3.3)	1 7.0/	Base on Z28 & IROC-Z
· · · · · · · · · · · · · · · · · · ·				
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<sup>&</sup>quot;Also see Engine - General Section for dressed engine mass (weight).

Car Line	CAMARO				
Model Year	1987	Issued	6-86	Revised (•)	11-86

		Optional Equipment Differential Mass (weight)*					
Equipment		ASS, kg. (weig	ght, Ib.)				
ower 4-Wheel Disc	Front	Rear	Total	Remarks			
Brakes.	(0)	7.0		IROC-Z with L98 only.			
RPO-J65	101	(15.4	(15.4)				
0 003	+		<del></del>				
ruise Control-Three Mode	2.4	0	2 4	011			
ith Resume Feature.	(5.3)	(0)	2.4 (5.3)	All models except LB8			
Available on Manual or		101	1 3.3				
utomatic Transmissions.)	2.0	Ō	2.0	With LB8			
RPO-K34	(4.4)	(0)	(4.4)	HICH EDO			
0 1 itam 10 (205 010)							
.O Liter V8 (305 CID)	78.8	7.6	86.4	With M39			
RPO-LB9	(173.7						
	67.0	6.8	73.8	With MD8			
O Liter V8 (305 CID)	147.7						
RPO-LG4	(115.1)	1.8	54.0	1FP87 - Z28/B4Z			
	68.2	(4.0) 3.8	(119.1)	10007			
	(150.3)	(8.4)	72.0 (158.7)	1FP87 & M39 & Z28/B4Z			
	52.0	2.4	54.4	15007 6 400 6 500			
	(114.6)	(5.3)	(119.9)	1FP87 & MD8 & Z28/B4Z			
7 Liter V8 (350 CID)	73.4	7.0	80.4	Optional IDOC 7 and 8 who			
RP0-L98	(161.8)		(177.2)	Optional IROC-Z only & MD8			
Coord							
Speed Manual	-3.6	-1.2	-4.8				
ransmission Doc Mac			(-2.2)				
RPO-M39	(-7.9)	(-2.6)	(-10.5)				
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<sup>\*</sup>Also see Engine - General Section for dressed engine mass (weight).

Car Line	CAMARO					
Model Year	1987	Issued	6-86	Revised (•)	11-86	

		<del></del> -	Optional Equ	Ipment Differential Mass (weight)*
		MASS. kg. (w		-bureur pureteurist wass (meight).
Equipment	Front	Rear	Total	Remarks
Automatic Transmission	17.2	5.4		With I BO V6 and a Company
With Overdrive (700-R4)	(37.9			With LB8-V6 engine, Sport Coupe & "
RPO-MXÓ		1	(43.0/	
	21.6	8.8	30.4	With LG4-V8 engine
	(47.6		(67.0)	With Ed4-vo engine
		1	(0,.0)	
	21.8	8.8	30.6	With LB9 & L98 V8 Engine, Z28
			(35.7)	& IROC-Z only.
	(48.1)	(19.4)	(67.5)	Z ZNOC-Z UNIY.
Steering Column-Tilt	.8	.2	1.0	All models
RPO-N33	(1.8)	(0.4)	(2.2)	7711 mode 13
Wheels-Aluminum	-5.8	-5.8	-11.6	Optional "LT" only
RPO PE1			(1.8)	
Lamp Curry A 122	(-12.8	) (-12.	8) (-25.6)	
Lamp Group-Auxillary Includes:				All models
-Courtesy Lamps			_	
RPO-U29	<u> </u>			
-Rear Compartment Light RPO-U25				
Light RPO-U25	0	.2	.2	
-Underhood Light	(0)	(0.4)	(0.4)	
RPO-U26	+			
Package Number RPO-TR9	2	0	2	
Battery-Heavy Duty	(0.4)	(0)	(0.4)	
	2.4	4	2.0	
RPO-UA1	(5.3)	(-0.9)	(4.4)	
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 Car Line
 CAMARO

 Model Year
 1987
 Issued
 6-86
 Revised (●)
 11-86

			Optional Equi	pment Differential Mass (weight)*
Equipment	м	ASS, kg. (we		
<u> </u>	Front	Rear	Total	Remarks
Antenna - Power	1.0	.2	1.2	. All models
(Consists of RPO-UN9	(2.2)	(0.4)	(2.6)	
Radio Suppression				
Equipment requires				
Radio) RPO-U75				
F				
Extended Range Sound	6.2	4.8		Optional Sport Coupe & Z28 Coupe
System, AM/FM Stereo	(13.2)	(10.6	(24.3)	The state of the s
ETR Radio, with Clock.				
(Includes RPO-UP8, U73,				
U79, UL1, VE8) RPO-UM7				
Futority D	<u> </u>	•		
Extended Range Sound				Optional - All except IROC-Z
System AM/FM Stereo				ALL CAUCHE TRUE-Z
Cassette Tape, Dolby				
Sound and Digital Clock				
RPO-UU8				
				* · · · · · · · · · · · · · · · · · · ·
Extended Range Sound	6.0	4.6	10.6	Optional Sport Coupe & Z28 Coupe
System. AM Stereo/FM	(13.2)	(10.1)	(23.3)	operonal Sport Coupe & 220 Coupe
Stereo ETR Radio-			(LOIO)	
Cassette, with Clock and				<u> </u>
Graphic Equalizer.		· ·		
(Includes RPO-VE8, UU6,				
UP8, U73, U79)				
RPO-UX1			-	
Extended Range Sound	3.8	3.8	7.6	Ontional Count Counce 8 720 Count
System AM/FM Steren	184	(8.4)		Optional Sport Coupe & Z28 Coupe
ETR Radio, Clock, Cassett	2	7 22 17	(10.07	
(Includes RPO-UP8, UU9,				
U73, U79.) RPO-UM6	<del></del> -		<del></del>	
	<del></del>		<del></del>	
Special Export Package	1.2	2.8	4.0	Optional 729 call
RPO-ŽK3	(2.6)	(6.2)	(8.8)	Optional-Z28 only
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see Engine - General Section for dressed engine	<del></del>			

Exterior Car And Body Dimensions - Key Sheet

# Exterior Width

SECTION A-A

Exterior Length & Height

H122

H123

H121

H122

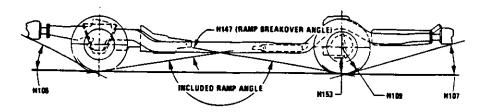
H123

H124

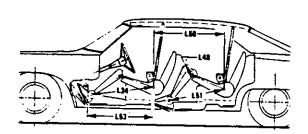
H125

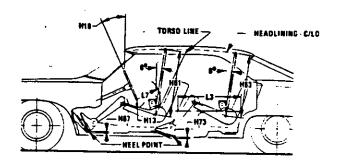
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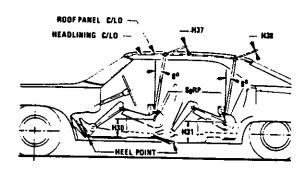
# **Exterior Ground Clearance**

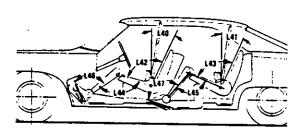


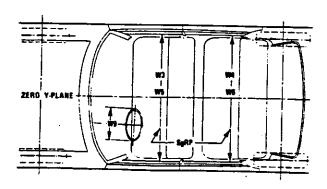
# Interior Car And Body Dimensions – Key Sheet

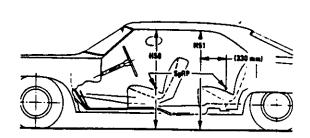






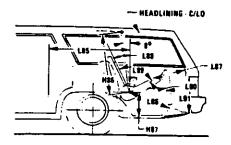






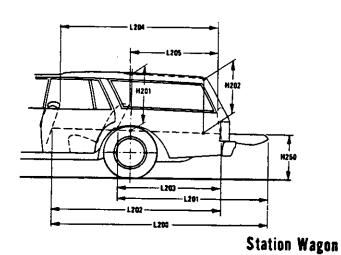
# Interior Car And Body Dimensions – Key Sheet

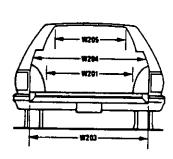
## Third Seat

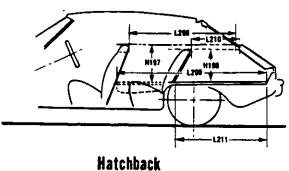




Cargo Space







**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. Devices for Use in Defining and Measuring Vehicle Seating Accommodations.".

## Width Dimensions

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

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.

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,

FRONT FENDER WIDTH. The dimension measured between the widest points at the front wheel centerline, excluding moldings

REAR FENDER WIDTH. The dimension measured between the widest points at the rear wheel centerline, excluding moldings.

BODY WIDTH AT SGRP-FRONT. The dimension mea-W117 sured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings,

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

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

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-

cal 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

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.

VEHICLE LENGTH. The maximum dimension measured L103 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.

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.

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

COWL POINT "X" COORDINATE. L125

FRONT END LENGTH. The dimension measured longitud-L126 inally from the cowl point to the foremost point on the vehicle at the zero "Y" plane excluding ornamentation or bumpers. In cases where bumpers and or grills are integrated with the profile, measurement is made at the foremost point of front end contour.

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

REAR END LENGTH. The dimension measured longitudinally from the deck point to the rearmost visible point of the body sheet metal at the zero "Y" plane, excluding ornamentation or bumpers.

#### **Height Dimensions**

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

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.

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

COWL POINT TO GROUND. Measured at zero "Y" plane. BACKLIGHT SLOPE ANGLE. The angle between the verti-H114

cal 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 arc 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.

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

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

H133 BOTTOM OF DOOR CLOSED-FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.

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

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

STATIC LOAD-TIRE RADIUS-REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

#### **Ground Clearance Dimensions**

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.

FRONT BUMPER TO GROUND-CURB MASS (WT.). Measured in the same manner as H102.

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

- REAR BUMPER TO GROUND. The minimum dimension H104 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.
- ANGLE OF APPROACH. The angle measured between a H106 tine tangent to the front tire static loaded radius arc and 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 a H107 line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- RAMP 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
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

#### Glass Areas

- Windshield area.
- **S2** Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
- Backlight areas
- **S4** Total area. Total of all areas (S1 + S2 + S3).

#### **Fiducial Mark Dimensions**

## Fiducial Mark - Number 1

- L54 "X" coordinate.
- W21 "Y" coordinate.
- H81 "Z" coordinate.
- H161 Height "Z" coordinate to ground at curb weight.
- Height "Z" coordinate to ground. Fiducial Mark Number 2 H<sub>163</sub>
- L55 "X" coordinate. W22 "Y" coordinate.
- "Z" coordinate. **W82**
- H162 Height "Z" coordinate to ground at curb weight.
- Height "Z" coordinate to ground. H164

## Front Compartment Dimensions

- L7 STEERING WHEEL TORSO CLEARANCE. The minimum dimension measured in the side view from the rearmost edge of the steering wheel, with front wheels in the straight ahead position, to the torso line.
- ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel
- DESIGN H-POINT-FRONT TRAVEL. The dimension mea-**L17** sured horizontally between the design H-point-front in the foremost and rearmost seat track positions. (See SAE
- L23 NORMAL DRIVING AND RIDING SEAT TRACK LEVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100)
- SgRP-FRONT, "X" COORDINATED. L31

- 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.
- L40 BACK ANGLE-FRONT. The angle measured between a vertical line through the SgRP-front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L42 HIP ANGLE-FRONT. The angle measured between torso line and thigh centerline.
- KNEE ANGLE-FRONT. The angle measured between thigh L44 centerline and lower leg centerline measured on the right leg.
- L46 FOOT ANGLE-FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE
- SgRP-FRONT TO HEEL. The dimension measured hori-L53 zontally from the SgRP-front to the accelerator heel point.
- SHOULDER ROOM-FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" W3 plane through the SgRP-front at height between the belt line and 254 mm (10.0 in.) above the SgRP-front, excluding the door assist strap and attaching parts.
- W5 HIP ROOM-FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP-front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP-front and 76 mm (3.0 in.) fore and aft of the SgRP-front.
- **W9** STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
- H13 STEERING WHEEL TO CENTERLINE OF THIGH. The minimum dimension measured from the bottom of steering wheel, with front wheels in the straight position, to the thigh centerline.
- H17 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP-front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- SgRP-FRONT TO HEEL. The dimension measured verti-H30 cally from the SgRP-front to the accelerator heel point.
- HEADLINING TO ROOF PANEL-FRONT. The dimension **H37** measured from the intersection of the headlining and the extended effective head room line normal to the sheet metal.
- 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.
- **H61** EFFECTIVE HEAD ROOM-FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP-front to the headlining plus 102 mm (4.0 in.).
- **H67** FLOOR COVERING THICKNESS-UNDEPRESSED-FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.
- PD<sub>1</sub> PASSENGER DISTRIBUTION-FRONT.

#### Rear Compartment Dimensions

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

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

- L-41 BACK ANGLE-SECOND. The angle measured between a vertical line through the SgRP-second and the torso line.
- L43 HIP ANGLE-SECOND. The angle measured between torso line and thigh centerline.
- L45 KNEE ANGLE-ŠECOND. The angle measured between
- thigh centerline and lower leg centerline.
  FOOT ANGLE-SECOND. The angle measured between L47 the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
- L48 KNEE CLEARANCE-SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
- L50 SgRP COUPLE DISTANCE-SECOND. The dimension measured horizontally from the driver SgRP-front to the SgRP-second.
- L51 MINIMUM EFFECTIVE LEG ROOM-SECOND. The dimension measured along a line from the ankle pivot center to the SgRP-second plus 254mm (10.0 in.).
- W4 SHOULDER ROOM-SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP-second at height between 254-406 mm (10.0-16.0 in.) above the SgRP-second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM-SECOND. Measured in the same manner as W5
- H31 SgRP-SECOND TO HEEL. The dimension measured vertically from the SgRP-second to the two dimensional device heel point on the depressed floor covering.
- **H38** HEADLINING TO ROOF PANEL-SECOND. The dimension measured from the intersection of the headlining and the extended effective head room line normally to the roof
- H51 UPPER BODY OPENING TO GROUND-SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP-second.
- 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.): FLOOR COVERING-DEPRESSED-SECOND. The di-H73 mesnion measured vertically from the heel point to the underbody sheet metal.
- PASSENGER DISTRIBUTION-SECOND.

## **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 procedure described in paragraph 8.2 of SAE-J1100a.
- H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

## Interior Volumes (EPA Classification)

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

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

#### Station Wagon - Third Seat Dimensions

- SgRP COUPLE DISTANCE-THIRD. The dimension measured horizontally from the SgRP-second to the SgRP-
- LB6 EFFECTIVE LEG ROOM-THIRD. The dimension measured along a line from the ankle pivot center to the SgRPthird plus 254 mm (10.0 in.).
- L87 KNEE CLEARANCE-THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.
- L88 BACK ANGLE-THIRD. Measured in the same mannere as
- L89 HIP ANGLE-THIRD. Measured in the same manner as L43
- KNEE ANGLE-THIRD. Measured in the same manner as L90 L45
- L91 FOOT ANGLE-THIRD. Measured in the same manner as
- W85 SHOULDER ROOM-THIRD. Measured in the same manner as W4
- HIP ROOM-THIRD. Measured in the same manner as W5. W86 EFFECTIVE HEAD ROOM-THIRD. The dimension, mea-H86
- sured along a line 8 deg. from the SgRP-third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
- SORP-THIRD TO HEEL POINT. H87
- PD3 PASSENGER DIRECTION-THIRD
- SEAT FACING DIRECTION-THIRD. SD<sub>1</sub>

## Station Wagon - Cargo Space Dimensions

- CARGO LENGTH-OPEN-FRONT. The minimum dimension measured longitudinally from the back of the front 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. CARGO LENGTH-OPEN-SECOND. The dimension mea-L201 sured longitudinally from the back of the second seatback at the height of the undepressed floor covering to the rearmost point on 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.
- CARGO LENGTH-CLOSED-FRONT. The minimum di-L202 mension 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.
- CARGO LENGTH-CLOSED-SECOND. The dimension L203 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.
- 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
- backpanel at the height of the belt, on the zero "Y" plane. CARGO LENGTH AT BELT-SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to he foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- CARGO WIDTH-WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure to the sheet metal.

METRIC (U.S. Customary)

Interior Car And Body Dimensions - Key Sheet

Dimer	nsions Definitions
W203	REAR OPENING WIDTH AT FLOOR. The minimum dimen-
W204	the rear opening at floor level.  REAR OPENING WIDTH AT BELT. The minimum dimens
W205	sion measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box. REAR OPENING WIDTH ABOVE BELT. The minimum di- mension measured laterally between the limiting interfer-
H197	FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the projected topcont to
H201	CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the boadlising.
H202	at the rear wheel "X" coordinate on the zero "Y" plane. 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.
/2	STATION WAGON Measured in inches:
	$\frac{\text{W4 x H201 x L204}}{1728} = \text{tt}^3$
	Measured in mm:
	$\frac{\text{W4 x H201 x L204}}{\text{10}^9} = \text{m}^3 \text{ (cubic meter)}$
/4	HIDDEN LUGGAGE CAPACITY—REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.
<b>'</b> 5	TRUCKS AND MPV'S WITH OPEN AREA.  Measured in inches:  L506 x W500 x H503  1728 = ft <sup>3</sup>
	Measured in mm: $\frac{L506 \times W500 \times H503}{10^9} = m^3 \text{ (cubic meter)}$
6	TRUCKS AND MPV'S WITH CLOSED AREA.  Measured in inches:  L204 x W500 x H505
	1728  Measured in mm:  L204 x W500 x H505  109  = m <sup>3</sup> (cubic meter)
	SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden carro area below the
10	load floor rear of the second seat. STATION WAGON CARGO VOLUME INDEX. Measured in inches:
	H201 x L205 x W4 + W201
	1728 = ft <sup>3</sup> Measured in mm:
	H201 x L205 x W4 + W201
	109 = m <sup>3</sup> (cubic meter)

# 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).

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 "Ÿ" 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.

CARGO LENGTH AT SECOND SEATBACK HEIGHT-L210 HATCHBACK. The minimum dimension measured from the "X" plane tangent to the 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.

CARGO LENGTH AT FLOOR-SECOND HATCHBACK. L211 The minimum horizontal dimension measured 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.

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

SECOND SEATBACK TO LOAD FLOOR HEIGHT: The di-H198 mension measured vertically from the second seat back to the undepressed floor covering. **V3** 

HATCHBACK. Measured in inches:

Measured in mm:

**V4** HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

HATCHBACK CARGO VOLUME INDEX. Usable luggage V11 (one (1) stand and luggage set) below floor:

Measured in inches:

## Index

~	e No.
Aerodynamics	22
Alternator Automatic Transmission/Transaxle	16
Axis, Steering	14
Axie, Drive, Front, Hear	0 10
Axie Sharts	10
Body and Miscellaneous Information	16
Brakes-Parking, Service	17
Cemsheft	3
Capacities Cooling System	
Fuel Tank	5
Lubricants	
Engine Crankcase Transmission Transaxle	4
Rear Axle	8, 9
Car Models	1
Car and Body Dimensions Width	
Length	20
Height	20
Ground Clearance Front Compartment	20
Rear Compariment	21
Luggage Compartment	21
Station Wagon - Third Seat	22
Station Wagon - Cargo Space Hatchback - Cargo Space	22
Carburetor	26
Caster	15
Choke, Automatic	6
Coil, Ignition	16
Connecting Rods	. 4
Convenience Equipment	19
Crankshan	4
Cylinders and Cylinder Head	3
Diesel Information	4
Dimension Definitions Key Sheet - Exterior	
Key Sheet - Interior	2.33
Electrical System	5 16
Emission Controls	7
Engine - General  Bore, Stroke, Type	
Compression Ratio	2
Displacement	. 2. 3
Firing Order, Cylinder Numbering	3
Intake System	4
Power Teams	2
Exhaust System	7
Equipment Availability, Convenience	
Fan, Cooling	5
Filters - Engine Oil, Fuel System	4
Frame	17
Front Suspension	11
rue! System	A
Fuel Injection	Æ
Fuel Tank	6
Glass	18
Headroom – Body	1, 22
Homs	15
Horsepower - Brake	2
gnition System	16
Inflation - Tires	13
nterior Volumes	21
	13

Subject Page	) No
Lamps and Headlamp Shape	2
Legroom2	1, 2
Lengths - Car and Body	2
Litters, Valve	
Linings - Ciutch, Brake	R 1
Lubrication - Engine Transmission Transaxle	8.
Luggage Compartment	
Mass	5, 2
Motor Starting	<b>1</b>
Muffler	
Passenger Capacity	
Passenger Mass Distribution	2
Pistons	
Power, Engine	12
Power Steering	14
Power Teams	•
Propeller Shaft, Universal Joints	19
Water	1
Radiator - Cap, Hoses, Core	
Ratios - Axle, Transaxle	2. 5
Compression	2
Steering	14
Transmission/Transaxle 2, Rear Axle 2,	8, 9
Regulator - Alternator	16
Restraint System	18
Rims	13
Rods - Connecting	4
Scrub Radius	14
Shock Absorbers, Front & Rear	17 11
Spark Plugs	16
Speedometer	15
Springs – Front & Rear Suspension Stabilizer (Sway Bar) – Front & Rear	11
Starting System	16
Steering	14
Suppression - Ignition, Radio	16
Suspension - Front & Rear	11
Tail Pipe	7
Thermostat, Cooling	
Tires	13
Toe-in	15
Torque Converter	9
Transaxle	
Transmission - Types	8. 9
Transmission - Automatic	8, 9
Transmission - Manual 2, Transmission - Ratios	8, 8
Tread	20
Trunk Cargo Load	1
Trunk Luggage Capacity	21
Turning Diameter	14
Unitized Construction	17
Value Custom	10
Valve SystemVoltage Regulator	4 16
Water Pump	. 10
Weights25	. 26
Wheel Alignment	. 15
Wheelbase	. 20
Wheels & Tires	. 13
Mheel Spindle	. 14 •••
Windshield	18
Nindshield Wiper and Washer	. 15