2731CAMA-73

GENERAL

MODEL IDENTIFICATION

BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS OR SEATS
F-CAR	CAMARO	2-Dr. Sport Coupe	1FQ87	4
	CAMARO TYPE LT	2-Dr. Sport Coupe	1FS87	4

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation

1 Q 87 H 3 N 100001

- 1 — Make ("1" for Chevrolet)
- Q — Car line and Series (***)
- 87 — Body Style (last two digits of model Number)
- H — Engine Type (**)
- 3 — Model Year 1973
- N — Assembly Plant (*)
- 100001 — Sequential No.

*N – Norwood–Chevrolet

**D – L6-250 (100 H.P.)
F – V8-307 (115 H.P.)
H – V8-350 (145 H.P.)
K – V8-350 (175 H.P.)
T – V8-350 (245 H.P.)

***Q – Camaro

EXAMPLE: The twenty-fifth Chevrolet vehicle built at GMAD Van Nuys if it were a 1FQ87 model (Camaro Sport Coupe) with A V8-350 (145 H.P.) engine would bear VIN Number 1Q87H3N100025.

Location . . . . . Stamped on plate attached to top left hand of instrument panel.

TRANSMISSION IDENTIFICATION

Example: S3E01

Type Designation	Source Designation	Model Year 1973	Production° Month & Date
TM	S (Muncie)	3	E01D*

TM	3-Speed	L-6 engine	S - Muncie
TM	3-Speed	V-8 engine	S - Muncie
WC	4-Speed	V-8 engine	R - Muncie
TZ	Turbo Hydra-matic	L-6 engine	B - Cleveland Y - Toledo
FB	Turbo Hydra-matic	V-8 engine	B - Cleveland Y - Toledo
CY	Turbo Hydra-matic	V-8 engine	– - Ypsilanti

Location:

3-Speed . . . . . Stamped on left side just below cover.

4-Speed . . . . . Stamped on the right side of the case at adapter.

Turbo Hydra-matic (Chevrolet) . . . . . Stamped on right hand side of pan.

Turbo Hydra-matic . . . . . Nameplate tag on right hand side of case.

o-Month: E denotes May; (see below) 01 denotes 1st day
Alpha Characters used in identifying the Calendar month

A - January	D - April	K - July	R - October
B - February	E - May	M - August	S - November
C - March	H - June	P - September	T - December

*-The letter "D" or "N" following the date numerals indicates day or night shift, on automatic only.

ENGINE IDENTIFICATION

Example: F1210CCC

Source Designation	Production* Month & Date	Type Designation
F (Flint)	1210	CCC

250 Cubic Inch 6-Cylinder

CCC - Regular engine, 3-speed
CCA - Regular engine, Turbo Hydra-matic (Chevrolet)

307 Cubic Inch 8-Cylinder

CHB - Regular engine, 3-speed
CHH - Regular engine, Turbo Hydra-matic (Chevrolet)

350 Cubic Inch 8-Cylinder (RPO L65)

CKA - Optional engine, 3-speed, 2-bbl. carb.
CKA - Optional engine, 4-speed, 2-bbl. carb.
CKW - Optional engine, Turbo Hydra-matic (Chevrolet)

350 Cubic Inch 8-Cylinder (RPO L48)

CKB - Optional engine, 3-speed, 4-bbl. carb.
CKB - Optional engine, 4-speed, 4-bbl. carb.
CKD - Optional engine, Turbo Hydra-matic (Chevrolet)

350 Cubic Inch 8-Cylinder (RPO Z28)

CLJ - Optional engine, 4-speed, 4-bbl. carb.
CLK - Optional engine, Turbo Hydra-matic

Location:

6-cylinder engine . . . Stamped on pad on right side of cylinder block to rear of distributor

8-cylinder engine . . . . . Stamped on pad at front right side of cylinder block

*-Month: December, 12; 10th day of December, 10.

REAR AXLE IDENTIFICATION

Location, Identification Number

Bottom left or right of axle tube adjacent to carrier housing.

See Power Train Section for additional Information.

STANDARD EXTERIOR EQUIPMENT LIST

FRONT	Standard 1FQ87	Type LT 1FS87	Style Trim RPO Z21	Rally Sport RPO Z22
Header Panel Crest "C" and "Camaro" (C)	X	X	X	X
Valance Mounted Parking Lamp with Clear Lens and Amber Bulb (C)	X	X		
Valance Mounted Parking Lamp with Bright Bezel, Clear Lens and Amber Bulb (C)			O	
Special Parking Lamp Adjacent to Headlamp with Bright Bezel and Ornament (C)				O
Single "Power-Beam" Headlamps (C)	X	X	X	X
Bright Headlamp Bezel (C)	X	X	X	X
Argent Colored One-piece Radiator Grille (C)	X	X	X	
"Type-LT" Nameplate on Grille (Rally Sport Front End) or on Left Header Panel Extension (Std. Front End) (C)		X-N		
Special Two-piece Black Painted Radiator Grille with Argent Painted Leading Edges; Bright Radiator Grille Filler (C)				O
Bright Radiator Grille Outline Molding (C)	X	X	X	
One-piece Bumper with Dual Hi-Rise Bumper Guards Incorporating Impact Strips (C)	X-N	X-N	X-N	
Individual R and LH Bumper; Resilient Grille Frame with Rubber Protected Center Grille Section of Bumper Stock (C)				O
License Plate Mounting Provision Below Front Right Bumper (C)				O*
License Plate Mounting Provision in Center (C)	X*	X*	X*	
Bright Top and Side Windshield Reveal Molding (F)	X	X	X	X
Two-Speed Windshield Wipers and Washers (F)	X	X	X	X
Non-depressed Park – Dull Chrome Wiper Arms and 16" Blades (F)	X		X	
Concealed Black Chrome Finished Wipers – Articulated Left Blade and 18" Wiper Blades (F)		X		O
Bright Hood and Fender Upper Edge Molding (C)			O	

NOTE: "O" indicates deviation from standard equipment, but included in the optional package. "N" indicates New for 1973.

(C) Chevrolet Installed
(F) Fisher Installed

* Provided only for States requiring front license plates.

EXTERIOR EQUIPMENT

SIDE	Standard 1FQ87	Type LT 1FS87	Style Trim RPO Z21	Rally Sport RPO Z22
Front Marker Lamp with Amber Lens–No Bezel (C)	X	X	X	X
Engine Displacement Numerals on Fender (C)**	O		O	O
Camaro 350 Identification on "Type LT"		X		
Front Fender Nameplate "Camaro" (C)	X	X	X	
Sail Panel Nameplate "Type LT" (C)		X-N		
Option Identification Nameplate On Front Fender (C)*†				O, Rally Sport
Rectangular LH Rear View Mirror (C)	X		X	X
Sport Mirrors In Body Color (RPO D35) for "Type LT" (F)		X		
Bright Chrome Flush Door Handles (F)	X	X	X	X
Body Colored Tape Insert on Flush Door Handles (F)			O	
Bright Wide Rocker Panel Molding (C)	X		X	X
Bright Body Lock Pillar Vertical Molding (F)			O	
Bright Lower Window Sealing Strip Bead (F)	X	X		X
Bright Body Lock Pillar Vertical Seal Retainer (F)	X	X		X
Bright Roof Drip Moldings (F)			O	
Bright Door Belt Reveal Molding (F)			O	
Hub Cap – (C)	X		X	X
Rear Marker Lamp with Red Lens–No Bezel (F)	X	X	X	X
Body Side Lower Molding On Door, Rear Quarter and Fender with Black Paint Below (F,C)		X-N		
Rally Wheels and Trim Rings, 14 x 7 (RPO ZJ7) (C)		X		
REAR				
Deck Lid Crest and "Camaro" (F)	X	X	X	X
Rear End Panel Nameplate "Type LT" Between License and RH Inboard Tail Lamp (F) †		X-N		
Bright Rear Window Reveal Moldings (F)	X	X	X	X
Dual Rear End Panel Mounted Tail and Back-up Lamps with Bright Outer Bezel (F)	X	X		X
Tail and Back-up Lamps with Dual Concentric Bright Bezels (F)			O	
Rear Bumper Face Bar to Body Filler (C)	X-N	X-N	X-N	X-N

* When Z/28 option is combined with RS option, Z/28 identification takes precedence over Rally Sport.
** Engine Displacement I.D. Plate only with optional V-8 engines.
† When RS or Z28 option is provided on Type LT model, the Type LT side and rear identification takes precedence.

NOTE: "O" Indicates deviation from standard equipment, but included in optional package.
"N" indicates New for 1973.

(C) Chevrolet Installed
(F) Fisher Installed

INTERIOR EQUIPMENT

	Standard (1FQ87 Model)	Type LT (1FS87 Model)	Interior Decor/Quiet Sound Group RPO Z54
ROOF AND PILLARS			
Vinyl Coated Headlining–Perforated (F)	X	X	X
Trim Color Windshield Header, Pillar, Roof Side Rails, and Rear Window Moldings (F)	X	X	X
Black 10-Inch Prismatic Rear View Mirror with Black Padded Edge (C)	X	X	X
Black Rear View Mirror Support, Windshield Mounted (F & C)	X	X	X
Padded Sunshades (F)	X	X	X
Trim Color Plastic Coat Hooks (F)	X	X	X
Center Dome Lamp with Bright Bezel (F)	X	X	X
Door Jamb Dome Lamp Switches (F)	X	X	X
Black Front Seat Shoulder Belt Anchor Covers (F)	X	X	X
Trim Color Front Seat Shoulder Belt Anchor Covers (F) *	O	O	O
Front Seat Shoulder Belt Retainer – Headlining Color (F)	X	X	X
SEATS AND FLOOR COVERING			
Full Foam Bucket Front Seats with Integral Head Restraints (F)	X	X	X
Deluxe Seat Trim (F)		O	
Rear Seat–Dual Cushions with Single, Full-width Backrest – Full Foam Construction (F)	X-N	X-N	X-N
Black Front Seat Adjuster Handle (F)	X	X	X
Black Front Seat Back Latch (F)	X-N	X-N	X-N
Passenger Compartment Floor Covering-Carpet (F & C)	X	X	X
Luggage Compartment Spatter Paint (F)	X	X	X
Luggage Compartment Rubber Floor Mat with Felt Backing (F)	X-N	X-N	X-N
Front and Rear Seat Belts – Four (F) – Base, Black with Black Plastic Mini-Buckles, Locking Retractors	X	X	X
Front and Rear Seat Belts – Optional, Color-Coordinated Belts with Plastic Color-Keyed Mini-Buckles, Locking Retractors (F) *	O	O	O
Front Shoulder Belts – Two – Base, Black with "D" Ring Attachment; Stowage by Plastic Trim Color Trough (F)	X	X	X
Front Shoulder Belts – Two – Optional, Color-Coordinated, "D" Ring Attachment; Stowage by Plastic Trim Color Trough (F)*	O	O	O
Trim Color Seat Back Hinge Arm Cover (F)	X	X	X
DOOR AND QUARTER PANEL			
Injection Molded Lower Door Trim Panel Incorporating Built-in Padded Armrest, Front and Rear Map Pockets and Coin Receptacle (F)	X	X	X
Built-in Rear Quarter Panel Armrest (F)	X	X	X
Clear Plastic Window Control Handle Knobs (F)	X	X	X
Bright Door Lock Buttons (F)	X	X	X
Vinyl and Plastic Quarter Trim (F)	X	X	X
Soft Feel Vinyl Door Upper Trim Panel (F)	X-N		X-N
Horizontal Wood Grain Insert Strip on Upper Door Trim Panel Between Armrest and Window Handle with Bright Edges (F)		O	
Recessed Door Handle (F)	X	X	X
Plastic Inside Door Handle Cup in Trim Color (F)	X		X
Chrome Inside Door Handle Cup with Black Painted Insert (F)		O	
MISCELLANEOUS			
Additional Body Insulation (F)		O	O
Full Molded Hood Insulation (F)		O	O
Cowl to Fender Seal (C)		O	O
Soft Black Transmission Shift Lever Knob with Inset White Shift Pattern	X	X	X
Floor-mounted Transmission Shift Lever (C)	X	X	X

NOTES: "O" Indicates deviation from standard equipment, but included with specific model or in the optional package.
"N" Indicates New 1973.
(*) Requires RPO AK1 Deluxe Seat Belts and Shoulder Harnesses; not available with black interior.

(C) Chevrolet Installed
(F) Fisher Installed

INTERIOR EQUIPMENT

INSTRUMENT PANEL AND STEERING WHEEL	Standard (1FQ87 Model)	Type LT (1FS87 Model)	Interior Decor/Quiet Sound Group RPO Z54
Trim Color Instrument Panel Pad (C)	X	X	X
Black Accented Grey Painted Instrument Cluster (C)	X-N		
Wood Grain Applique on Instrument Cluster (C)		O	O
Glove Compartment Door Lock (C)	X	X	X
"Camaro" Glove Compartment Nameplate–Script (C)	X	X	X
Black Side Kick-pad Ventilation Control Knob (F)	X	X	X
Black Astro-Ventilation Control Knob (F)	X	X	X
T-Handle Parking Brake Release (C)	X	X	X
Instrument Panel Ventilation Outlets (F)	X	X	X
Windshield Wiper and Washer Switch Nomenclature–Illuminated (Slide-Type, Depress to Wash) MVSS No. 101	X-N	X-N	X-N
Lighting Control Knob – Black Soft Vinyl with Symbol (C)	X	X	X
Radio Control Knobs – Black Soft Vinyl with Symbols (C)	O-*	O-*	O-*
Speedometer, Odometer, and Fuel Gauge (C)	X	X	X
Temperature, Generator, Oil Pressure and Brake Warning Tell-Tale Lights (C)	X		X
"Fasten Seat Belt" Lamp in Instrument Panel	X	X	X
Hi-Beam and Turn Signal Indicators (C)	X	X	X
Glove Compartment Lamp (C)		O	O
Automatic Shift Quadrant Cover Plate (C)	X	X	X
Clock Hole Cover (C)	X		X
Radio Hole Cover (C)	X	X	X
Ash Tray (C)	X	X	X
Cigarette Lighter Knob – Black Soft Vinyl with Symbol (C)	X	X	X
Blended Air Heater with Illuminated Control Plate (C)	X	X	X
Black Steering Column (C)	X	X	X
Black Four-Spoke Sport Vinyl Steering Wheel with Chevrolet Emblem at Center; Specific Insert for Type LT (C)	X-N	X-N	X-N
Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock (C)	X	X	X
Hazard Flasher Knob – Black (C)	X	X	X
Soft Black Turn Signal Knob (C)	X	X	X
Argent Finish Accent Beads on Lower Instrument Panel (C)		O	
One Low-Note Horn (C)	X	X	X
Additional Instrument Cluster Lighting (C)			O
Special Instrumentation Package (RPO U14)		X	

NOTE: "O" indicates deviation from standard equipment, but included with specific model or in the optional package.
"N" indicates New for 1973.
(*) Requires RPO U63 or U69 Radio Equipment

(C) Chevrolet Installed
(F) Fisher Installed

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Adjustable Seat Back Equipment: Driver's Seat only	AN6	
● Air Conditioning, Four-Season: V8 models only (see page 10 for content)	C60	
Battery, heavy duty (Included with C60)	T60	
Belts, seat and shoulder: in addition to replacing standard belts.		
Custom deluxe belts: (replacing standard number of belts)		
4 Seat and 2 shoulder	AK1	
Shoulder belts – 2 rear:		
For use when Custom Deluxe Belts are ordered		ACC
Body Insulation package (Fleet use only)	ZK1	
Console, floor	D55	
Glass, Soft-Ray tinted: all windows	A01	
Instrumentation, special: V8 only	U14	
Lighting, auxiliary:	ZJ9	
Courtesy lights		
Glove compartment light		ACC
Luggage compartment light		ACC
Ash tray light		ACC
Underhood light		ACC
Mirror, Sport – LH (Remote Control) & RH (Manual)	D35	
Moldings, body side	B84	
Radiator, heavy duty: V8 only (Included with RPO C60)	V01	
Radio equipment: Radios, Pushbutton – Includes concealed w/s antenna		
AM Radio	U63	ACC
AM/FM Radio	U69	ACC
Speaker, rear seat	U80	ACC
Windshield antenna (When no radio is ordered)	U76	
Roof cover, vinyl – Includes bright drip molding	C08	
Spoilers, rear deck and Front Valance	D80	
Sport Striping (Z28 equipment required)	D88	
Steering wheel, Comfortilt:		
Available only when automatic transmission is ordered	N33	
Suspension, special front and rear: (Standard with Z28)	F41*	
Tire, Space Saver Spare	N65	
Windshield wipers – Hide-away (18" blades, LH articulated; black chrome finish)	C24	
Wheel covers, full	P01	
Wheel Trim Cover, Simulated Wire Wheel	N95	ACC
Wheels, rally (14 x 6 or 14 x 7)	ZJ7	
● Wheels, Turbine I	PE1	
Windshield Glass – Tinted (Fleet use only)	A02	
FACTORY-INSTALLED REGULAR PRODUCTION TIRES		
E78 x 14 bias belted ply wide single white stripes	QEH	
F70 x 14 bias belted ply white letter: V8 only	QFD	
F70 x 14 bias belted ply white stripe: V8 only	QFC	

* Requires F70 x 14 tires.

EQUIPMENT	RPO	ACC.
FEATURE ITEMS		
Door edge guards	B93	ACC
Color-keyed floor mats – 2 Front, 2 Rear	B37	ACC
Visor vanity mirror	D34	ACC
Electric clock	U35	
Rear window defogger (Forced Air)	C50	ACC
MODEL OPTIONS		
● Interior Decor/Quiet Sound Group (see page 13 for content)	Z54	
● Rally Sport (see page 12 for content)	Z22	
● Style Trim (see page 13 for content)	Z21	
● Special Performance Package (see page 11 for content)	Z28	
POWER TEAMS		
Turbo-Fire 350 V8	L65	
Turbo-Fire 350 V8	L48	
Turbo-Fire 350 V-8 (Special Performance Package)	Z28	
4-Speed manual transmission – wide Ratio: Optional V8 only	M20	
4-Speed manual transmission – close ratio: (Z28 equipment required)	M21	
Turbo Hydra-matic automatic transmission	M40	
Axle, Positraction	G80	
Axle, trailering ratio	YD1	
POWER ASSISTS		
Brakes, power	J50	ACC
Steering, power: variable ratio	N40	
● Windows, Power (Requires D55 Floor console)	A31	

FOUR SEASON (RPO C60)

Heater integrated; manually controlled by two horizontal and one verticle lever. Four position verticle lever controls fan speed. Top lever controls mode of operation. Bottom lever controls air flow. Ignition switch controlled fan is always operating at low speed to prevent windshield fogging.

BASIC COMPONENTS

Evaporator, blower, condenser, receiver - dehydrator, refrigerant (freon) tank, air intake assembly and duct assembly for both systems.

EQUIPMENT (Used in addition to or in place of base equipment)

CHASSIS

Front and Rear Springs	Heavy duty
Rear Axle Ratio - Refer Power Trains Section	

POWER TRAINS

Fan Blade	7 blade
Fan Clutch	Thermomodulated fluid coupling
Crankshaft Pulley	Single three groove pulley
Water Pump & Fan Pulley	Dual
Compressor & Crankshaft Belt	One
Generator	61 Ampere
Radiator	Heavier duty

SPECIAL PERFORMANCE RPO Z28

MODEL AVAILABILITY
Standard Camaro (1FQ87)
Camaro Type LT (1FS87)

POWER TRAIN AVAILABILITY

Engine	Transmission	Rear Axle
V-8 350 Cu.In. 4-BBL. (Specific to this option only)	4-Speed (2.52:1 low) 4-Speed (2.20:1 low) Turbo Hydra-matic	3.73:1

EQUIPMENT (Used in addition to or in place of standard equipment)

BODY
Black painted radiator grille
Dual body-color sport mirrors–LH remote, RH manual (standard on 1FS87)
Z28 emblems on Grille, front fender and deck lid
Delete-'Camaro' nameplate from front fender and rear deck (1FQ87 model only)

CHASSIS
Special performance suspension with specific valving for rear shock absorbers
Vacuum power brakes
15x7 Trans Am wheels with trim rings
F60x15 Bias belted tires

POWER TEAM
Specific Engine Items
Impact extruded aluminum pistons
Large port cylinder heads with larger inlet and exhaust valves
Special high performance camshaft
Forged steel crankshaft
Cylinder block with four bolt caps for intermediate main bearings.
Steel inserts for push rod ends
Molybdenum inlay upper compression ring, and chrome plated oil ring, lubrited 2nd ring
Large capacity open element air cleaner, with chrome cover.
Eighteen inch diameter 7 blade flex fan
Heat treated shot peened connecting rods
High speed crankshaft torsional damper
Finned aluminum rocker covers
Oil pan assembly with special baffles
High capacity starting motor
Dual exhaust
High capacity clutch with 11 inch driven plate
Special transmission features
Positraction axle

RALLY SPORT RPO Z22

MODEL AVAILABILITY
Standard Camaro (1FQ87)
Camaro Type LT (1FS87)

POWER TRAIN AVAILABILITY
(Same as standard models)

EQUIPMENT (Used in addition to or in place of standard equipment)

EXTERIOR
2-Piece black grille with argent painted leading edges
Bright radiator grille filler
Identification nameplate on fender
Header mounted parking lamp with bright bezel and lens ornament
RH & LH chrome front bumpers
Resilient grille frame
Rubber protected center bar
License plate mounting below RH bumper
Concealed black chrome finished wipers – articulated left
Blade and 18" wiper blades

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

Z21 STYLE TRIM OPTION

EQUIPMENT (Used in addition to or in place of standard equipment)

EXTERIOR
- Bright deluxe belt molding
- Bright bezel on tail lamps
- Bright hood and fender upper edge moldings
- Bright roof drip molding
- Bright vertical molding – lock pillar
- Colored insert door handles
- Bright bezel on parking lamps

MODEL AVAILABILITY
CAMARO (1FQ87) (Included in new Camaro Type LT model)

Z54 INTERIOR DECOR/QUIET SOUND GROUP

EQUIPMENT (Used in addition to or in place of standard equipment)

INTERIOR
- Additional cluster lighting (tell-tale and clock openings illuminated) except Type LT
- Wood grain applique on instrument cluster carrier
- Full molded hood insulator
- Glove compartment lamp
- Additional body insulation (cowl-to-fender seals, full mastic deadener on floor, roof inner panel insulator)

DIMENSIONS AND WEIGHTS

INTERIOR DIMENSIONS

FRONT COMPARTMENT

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H3	Seat cushion height	9.2
H11	Entrance height	29.6
H13	Steering wheel thigh clearance	4.8
H30	H point to heel point	6.6
H32	Seat cushion deflection	2.4
● H50	Upper body opening to ground	44.9
H58	H point rise	0.9
H61	Effective headroom	37.3
H70	H point to body O line	10.9
H75	Effective 'T' point headroom	37.5
W3	Shoulder room	57.4
W5	Hip room	53.3
L7	Steering wheel torso clearance	14.9
L17	H point travel	5.0
L34	Effective leg room	43.9

REAR COMPARTMENT

H8	Seat cushion height	10.1
H31	H point to heel point	8.4
H33	Seat cushion deflection	2.6
H63	Effective headroom	36.0
H71	H point to body O line	9.9
H76	Effective 'T' point headroom	35.9
W4	Shoulder room	54.4
W6	Hip room	47.3
L3	Rear compartment room	22.7
L50	H point couple distance	27.3
L51	Effective leg room	30.7

LUGGAGE COMPARTMENT

H195	Liftover height	27.8
● V1	Usable luggage capacity (cu.ft.) (+)	6.7

● (+)–Corporation "H-Shoe Box" method of measurement is used.

LENGTHS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
L101	Wheelbase	108.0
L102	Tire size (standard)	E78-14
L103	Overall length	188.4
L104	Overhang - front	38.0
L105	Overhang - rear	42.4
L127	Body O line to C/L of rear wheels	86.7
L128	Hood length at centerline	57.5

WIDTHS

W101	Tread - front	61.3*
W102	Tread - rear	60.0*
W103	Maximum overall width of car	74.4
W106	Front fender overall width	73.4
W107	Rear fender overall width	74.4
W120	Overall car width, front doors open	140.5

HEIGHTS

H101	Overall height (design)	49.1
H102	Front bumper to ground	19.2
H104	Rear bumper to ground	14.4
H111	Rocker panel to ground - rear	5.6
H112	Rocker panel to ground - front	6.7
H114	Hood at rear to ground	35.3
H115	Step height - front (design)	11.5
H125	Headlamp to ground	26.3
H126	Tail lamp to ground	22.1
H136	Body O line to ground - front	5.0
H137	Body O line to ground - rear	3.5

CLEARANCES

H106	Angle of approach (degrees)	20.3
H107	Angle of departure (degrees)	11.4
H147	Ramp breakover angle (degrees)	10.1
H148	Front suspension to ground	5.1
H149	Oil pan to ground	5.1
H150	Flywheel housing to ground	5.6
H151	Frame to ground	4.9
H152	Exhaust system to ground	4.6
H154	Fuel tank to ground	7.2
H156	Minimum ground clearance	4.6
--	Location	H152

* – W101, (Type LT) Front 61.6
* – W102, (Type LT) Rear 60.3

VEHICLE WEIGHTS

CAMARO

MODEL TYPE		VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
MODEL DESIGNATION	BASE ENGINE		Front	Rear	Total	Front	Rear	Total
1FQ87	250 Cu.In. - L6	2-Door Sport Coupe	1817	1302	3119	1798	1407	3205
1FS87	350 Cu.In. V8 (L65)	2-Door Sport Coupe	1992	1357	3349	1975	1460	3435

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment, including grease, oil and (4) gallons of gasoline, and engine coolant to capacity.

CURB WEIGHT: Shipping weight plus gasoline to capacity.

For total shipping, and curb, weights of vehicles equipped with the following options, add to, or deduct from, the base vehicle weight (lbs).

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
C60	Air Conditioning	With L14 & L65	+102
		With L48 & Z28	+108
C08	Exterior Vinyl Roof		+ 5
D55	Floor Console	With 3-Speed Transmission	+ 12
		With 4-Speed Transmission	+ 12
		With Turbo Hydra-matic Trans.	+ 18
B37	Front & Rear Floor Mats		+ 10
J50	Power Brakes		+ 11
F41	Spec. Perf. Frt. & Rr. Susp.	With L14, L48, L65	+ 10
		With Z28	+ 12
ZJ7	Spec. Whl. Hub Cap & Trim Ring		+ 26
PE1	Turbine I wheels, 14 x 7 (urethane styled steel wheels)	Not available with Z28 Perf. Pkg.	+ 40
U63	Radio AM Pushbutton		+ 7
U69	Radio AM/FM Pushbutton		+ 8
Z54	Interior Decor/Quiet Sound Group		+ 18
Z22	Rally Sport Package		+ 15
Base	250 Cu.In. 6 Cyl. Engine	With Turbo Hydra-matic Trans.	+ 23
L14	307 Cu.In. V8 Engine	With Turbo Hydra-matic Trans.	+142
L65	350 Cu.In. V8 Engine	With 4-Speed Transmission	+125
		With Turbo Hydra-matic Trans.	+152
L48	350 Cu.In. V8 Engine	With 4-Speed Transmission	+158
		With Turbo Hydra-matic Trans.	+185
Z28	350 Cu.In. V8 Engine *	With 4-Speed Transmission	+211
		With Turbo Hydra-matic Trans.	+260

* Available as "Z-28" equipment only - includes additional body and chassis equipment.

CHASSIS

FRAME AND FRONT SUSPENSION

FRAME

Description ..... Combination body-frame integral with separate portion ladder frame.

FRONT SUSPENSION

Description ..... Independent, SLA type with coil springs, center mounted shock absorbers and spherical steering knuckle pivots.

Wheel travel (design)

Total	6.90
Jounce	3.05
Rebound	3.85
Wheel to spring travel ratio	1.84:1

CONTROL ARMS

Description ..... Reinforced steel stamping with pre-loaded, steel encased, rubber bushings at pivots.

STEERING KNUCKLES

Description ..... Nodular iron with integral steering knuckle arm

Spindle diameters

Inner bearing	1.2493-1.2498
Outer bearing	.7493-.7498
Spindle thread size	3/4-20 UNEF-3A (modified)

Wheel bearings

Type	Taper roller; inner and outer

SPHERICAL JOINTS

Type	Ball stud
Upper	Compression
Lower	Tension

Bearing surfaces

Upper	Teflon-cotton composite on phenolic
Lower	Sintered iron

SHOCK ABSORBERS

Type	Direct, double acting, hydraulic
Piston diameter	1.00

FRONT STABILIZER BAR

Type	Link
Material	HR steel
Diameter	.938

FRONT WHEEL ALIGNMENT (CURB)

Camber (degrees)

Base models	P1/4 to P1-3/4
RPO Z28	N1-1/2 to 0

Caster (degrees)

Base models	N1 to P1
RPO Z28	N1-1/2 to 0
Toe In (total)	1/16 to 5/16
Steering axis inclination	10.35 @ 1° camber

GENERAL SUSPENSION PROVISIONS

Car leveling	Front stabilizer bar
Anti-dive control	Angle of front upper control arm
Anti-squat control	Rear suspension geometry

FRONT SPRINGS

Selected from a family of coil springs by Electronic Data Processing which identifies the correct springs for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
						Free	Working (IN. @ Lbs.)
3996361	AE	116.10	.617	7.70	300	16.66	11.0 @ 1680
3996362	AF	116.14	.617	7.70	300	16.86	11.0 @ 1740
3996363	AM	126.79	.633	8.40	300	17.06	11.0 @ 1800
3996364	AR	126.82	.633	8.40	300	17.26	11.0 @ 1860
3996365	AU	126.85	.633	8.40	300	17.46	11.0 @ 1920
3996366	AV	132.90	.638	8.80	300	17.66	11.0 @ 1980
3996367	AW	132.93	.638	8.80	300	17.86	11.0 @ 2040
3998628	CR	139.20	.651	9.20	300	18.06	11.0 @ 2100
3998629	CS	139.23	.651	9.20	300	18.26	11.0 @ 2160
6272883	CU	139.26	.651	9.20	300	18.46	11.0 @ 2220

STEERING
- Wheel
  - Type . . . . . Oval, 4-spoke splayed
  - Diameter . . . . . 14.25 x 14.75
  - Optional . . . . . Tilt; universally jointed steering shaft at base of steering wheel
- Column . . . . . Energy absorbing – mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions.
- Gear – Manual (Standard); Power (Optional)
  - Type
    - Manual . . . . . Recirculating ball nut
    - Power . . . . . Integral recirculating ball nut with hydraulic pressure provided from a vane type pump.
  - Ratios
    - Gear
      - Manual . . . . . 28.0:1 (base); 24.0:1 (Z28)
      - Power . . . . . 16.0:1 on center to 13.0:1
    - Overall
      - Manual . . . . . 33.0:1 (base); 28.3:1 (Z28)
      - Power . . . . . 15.0:1 on center to 11.3:1
  - Number of wheel turns, lock to lock
    - Manual 6.27
    - Power 2.41
- Linkage . . . . . Parallelogram, front of wheels, (2) tie rods
- Turning Diameters (ft.) outside front
  - Wall to wall . . . . . 40.2 (manual); 40.7 (power)
  - Curb to curb . . . . . 38.0 (manual); 38.5 (power)
- Outside wheel angle with inside wheel @ 20^{o} 18.7

DRIVELINE
- Type . . . . . Straight tube
- Number used . . . . . One
- Diameter (OD) 2.75
- Wall thickness 0.065
- Length (C/L of U-joints)
  - 3-speed manual transmission 48.55
  - 4-speed and automatic transmission 48.0
- Universal Joints
  - Type . . . . . Cross
  - Number used . . . . . Two
  - Bearings . . . . . Prepacked, anti-friction

WHEELS (STANDARD)
- Type . . . . . Short spoke spider, steel
- Attachment to Hub
  - Type . . . . . 5 hex nuts
  - Thread size . . . . . 7/16-20 UNF 2-B
  - Bolt circle diameter 4.75
- Size
  - 6 cyl., base V8 and L65 . . . . . 14 x 6
  - "SS" and wide oval tires . . . . . 14 x 7
  - Z28 . . . . . 15 x 7
- Offset
  - 14 x 6 . . . . . 0.50
  - 14 x 7 . . . . . 0.34
  - 15 x 7 . . . . . 0.30

WHEELS, RALLY TYPE (RPO ZJ7)
(Same as standard except as follows)
- Type . . . . . Large ventilation slots
- Size . . . . . 14 x 7

TIRES
- Construction . . . . . Bias belted
- Size
  - E78 x 14B (all models except Z28)
    - Static loaded radius 12.1
    - Loaded rev/mi @ 45 mph 796
    - Capacity @ 24 psi 1190
  - F70 x 14B (optional except Z28)
    - Static loaded radius 12.2
    - Loaded rev/mi @ 45 mph 787
    - Capacity @ 24 psi 1280
  - F60 x 15B (Z28 equipment)
    - Static loaded radius 12.0
    - Loaded rev/mi @ 45 mph 801
    - Capacity @ 24 psi 1280

REAR AXLE

Description . . . . . Three piece housing includes integral cast iron differential carrier and housing with two pressed-in and welded steel tubes. Semi-floating axle shafts. Differential carrier contains hypoid overhung pinion and ring gear. Drive pinion supported by two taper roller bearings.

Drive pinion vertical offset 1.75

Drive pinion bearing adjustment . . . . . Shim

Hypoid gear PD . . . . . (See Power Train Section page 2 for application)

All axles 8.50

Lubricant

Type . . . . . Military Spec. MIL-L-2105-B

Viscosity . . . . . SAE 80

Capacity (pts) 4.25

AXLE SHAFT

Description . . . . . Forged and hardened steel with integral drive flange

Wheel bearings . . . . . Single row cylindrical roller

Oil seal . . . . . Steel encased, spring loaded synthetic rubber

RING AND PINION GEARS

Axle Ratio	Tooth Combination
2.73:1	41,15
3.08:1	40,13
3.42:1	41,12
3.73:1	41,11

POSITRACTION DIFFERENTIAL

(See POWER TRAINS)

Type . . . . . 2 pinion with single disc clutch

REAR SUSPENSION

Description . . . . . Salisbury rear axle with multiple leaf springs.

Wheel travel (design)

Total . . . . . Left 7.66; Right 7.81

Jounce 2.44

Rebound . . . . . Left 5.11; Right 5.37

Wheel to spring, travel ratio 1:1

SHOCK ABSORBERS

Type . . . . . Direct, double acting, hydraulic

Piston diameter 1.00

Mounting . . . . . Staggered fore and aft of rear axle.

REAR SPRINGS

Type . . . . . Multi-leaf; selected from a family of springs by Electronic Data Processing which identifies the correct spring for the weight of the vehicle including optional equipment ordered by the customer. See specifications below.

REAR SPRING SPECIFICATIONS

Part Number	Number of Leaves	Length	Width	Assy. Code	Deflection Load @ Rate (lbs./in.)	Deflection Load @ .71 Spring Camber (lbs.)
480878	5	56.0	2.5	PA	89	580
480879				PB	90	635
3992580				DY	95	735

General	Type		Front – Disc; Rear – Drum	
			Manual – Standard	Power – Optional
	System		Dual circuit hydraulic system with warning light and self-adjusting features - metering and proportioning valves provide balance between front and rear wheels.	
Front Brakes	Type		Disc – single piston floating caliper	
	Material		Cast iron – vented	
	Diameter and Width		11.0 x 1.03	
	Lining material		Compression molded asbestos composition	
	Method of attachment		Riveted	
	Lining size (length x width x thickness)	Inboard	5.40 x 1.93 x 0.46	
		Outboard	5.40 x 1.93 x 0.46	
	Lining area (sq. in.)		41.47	
	Effective area (sq. in.)		35.36	
	Swept area (sq. in.)		217.9	
	Piston diameter		2.94	
Rear Brakes	Type		Drum – Composite, web cast into rim	
	Material		Web – HR steel, Rim – cast alloy iron	
	Diameter and Width		9.5 x 2.0	
	Lining material		Molded asbestos composition	
	Method of attachment		Bonded	
	Lining size (length x width x thickness)	Primary	9.0 x 2.00 x 0.21	
		Secondary	9.75 x 2.00 x 0.24	
	Lining area (sq. in.)		75.04	
	Effective area (sq. in.)		66.58	
	Swept area (sq. in.)		119.4	
	Piston diameter		.875	
Apply System	Master cylinder diameter		1.00	1.125
	Piston travel		1.416	1.342
	Pedal travel		7.50	5.26
	Pedal ratio		5.30:1	3.92:1
	Line pressure @ 100 lb. pedal load		700	
Parking Brake	Type		Mechanical: pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided.	
	Control		Pendulum foot pedal; released by "T" handle located on instrument panel to left of steering wheel	
	Total effective area		66.58	

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Back-up	2-1156	32
Brake warning	1-194	2
Courtesy		
Instrument panel	2-631	6
Direction signal indicators	2-194	2
Dome - Center	1-211	12
Generator indicator	1-194	2
Glove compartment	1-1895	2
Headlamp	2-6014	High beam 60W Low beam 50W
Headlamp hi-beam indicator	1-194	2
Heater or air conditioning control	1-1445	15
Instrument cluster		
Dash panel	6-194	2
License plate	2-67	4
Luggage compartment	1-1003	15
Oil pressure indicator	1-194	2
Parking		
Park	2-1157 NA	3
Turn		32
Radio	1-1816	3
Seat belt warning	1-194	2
Side Marker - Front	2-194	2
Side Marker - Rear	2-194	2
Tail		
Tail	2-1157	4
Stop and turn		32
Temperature indicator	1-194	2
Underhood lamp	1-93	15

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	30 amp fuse	In line
	25 amp fuse	Fuse panel (f)
Ash tray lamp	4 amp fuse	Fuse panel (c)
Auto. trans. position pattern lamp	4 amp fuse	Fuse panel (c)
Back-up lamps	20 amp fuse	Fuse panel (d)
Cigarette lighter	20 amp fuse	Fuse panel (b)
Clock	20 amp fuse	Fuse panel (b)
Clock lamp	4 amp fuse	Fuse panel (c)
Courtesy lamps	20 amp fuse	Fuse panel (b)
Defogging unit	10 amp fuse	Fuse panel (d)
Direction signal indicator lamps	20 amp fuse	Fuse panel (c)
Dome lamp	3 amp fuse	Fuse panel (b)
Fuel gage	10 amp fuse	Fuse panel (d)
Generator indicator lamp	10 amp fuse	Fuse panel (d)
Glove compartment lamp	10 amp fuse	Fuse panel (b)
Headlamps	Circuit breaker	Light switch
Headlamp hi-beam indicator lamp	Circuit breaker	Light switch
Heater	25 amp fuse	Fuse panel (f)
Heater control lamp	3 amp fuse	Fuse panel (c)
Instrument cluster lamps	3 amp fuse	Fuse panel (c)
License lamp	20 amp fuse	Fuse panel (a)
Luggage compartment lamp	20 amp fuse	Fuse panel (a)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (d)
Parking lamps	20 amp fuse	Fuse panel (a)
Brake warning lamp	10 amp fuse	Fuse panel (d)
Radio and radio lamp	10 amp fuse	Fuse panel (e)
Seat belt warning lamp	10 amp fuse	Fuse panel
Side Marker lamp - Front	20 amp fuse	Fuse panel (a)
Side Marker lamp - Rear	20 amp fuse	Fuse panel (a)
Tachometer	10 amp fuse	Fuse panel (d)
Tail, stop and turn lamps	20 amp fuse	Fuse panel (a)
Traffic hazard indicator	20 amp fuse	Fuse panel (b)
Underhood lamp	15 amp fuse	In line
Windshield wiper, two-speed	25 amp fuse	Fuse panel (g)

* Letter suffix indicates same circuit

BODY

EXTERIOR PAINT PROCESS

1. RUSTPROOFING. Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.

2. BODY AND SHEET METAL PRIMERS. Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhubiting compound.

3. PRIMER COAT is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F, for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring another coat of lacquer.

4. FLASH PRIMER AND PRIMER-SURFACER COATS. An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.

5. INITIAL SANDING. Power wet sanding, followed by hand sanding, is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.

6. LACQUERING. Three coats of acrylic lacquer are spread on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.

7. INITIAL BAKING. To harden the paint for final sanding, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.

8. FINAL SANDING. To remove body surface defects, power and hand sanding is done with fine grit sandpaper and mineral spirits as a wetting agent. Sanded areas are wiped to insure a clean surface before final baking.

9. FINAL BAKING. To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften, allowing surface blemishes and sanding scratches to disappear during the thermo-reflow process.

10. UNDERCOATING. To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.

11. PAINT REPAIR AND PROTECTION. Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

GENERAL

Type . . . . . Unitized body with bolt on partial front frame and bolt-on front end sheet metal, with protective inner fender skirts. Full roof inner panel with integral side rails and front and rear headers. Roof is of double-panel construction.

DOORS AND LOCKS

Door construction . . . . . Double panel, hinged at front

Door handles . . . . . Lift flap with fork type locks, and 2-position free-wheeling inside door handles. Inside door lock buttons. Flush type external and internal.

HOOD AND TRUNK LID

Type . . . . . Counterbalanced, with short goose neck type hinges actuating torsion rods on trunk lid and spring loaded toggle-type hinges on rear of hood. Front and rear lids are of double-panel construction.

Hood release . . . . . External

VENTILATION

High level air intake for passenger compartment . With double wall plenum chamber providing washing and air drying of rocker panels for corrosion resistance. Air and water travel through rocker panels and drain at ends of rocker inner panels. Astro ventilation with instrument panel outlets and full door side glass.

SEATS

Type . . . . . Bucket seats front, rear seats have bucket seat styling with individual seat cushions and one-piece backrest

Construction

Front seat cushion . . . . . Molded urethane pad on conventional seat frame; spring supported

Rear seat cushion . . . . . Molded urethane pad on conventional seat frame.

WINDSHIELD WIPERS

Type . . . . . Dual, 2-speed electric; non-depressed park with dull-chromed arms and blades; 15-inch blades.

Linkage . . . . . Parallel acting

Optional system . . . . . Same as above except concealed park position, black-chromed 18-inch blades, and articulated left blade.

HEADLIGHTS

Type . . . . . Single Powerbeam headlamps

SPARE TIRE AND TOOLS

Location . . . . . Right side of trunk on floor. Tools consist of bumper jack and socket end type "L" wrench stored beneath tire.

BODY GLASS VISIBILITY AREA

Windshield	1137.6
Door windows (LH and RH)	1089.4
Back window	1099.2
Total area (sq.in.)	3326.2

Windshield laminated safety plate glass; door and rear window solid safety plate glass.

INTERIOR–EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM +							
		Black							
		*† @ Cloth No. 1 /Black	*† @ Cloth No. 2 /Black	*† @ Cloth No. 1 /Red	*† @ Cloth No. 1 /Blue	*† @ Cloth No. 2 /Blue	*† Vinyl /Black	*† Vinyl /Red	*† Vinyl /Blue
Standard - 1FQ00 Coupe (87)	Bucket	776	774	776	776	774	775	775	775
Type LT - 1FS00 Coupe (87)	Bucket	785	786	785	785	786	773	773	773
EXTERIOR COLOR	Color Code								
Antique White C/O	11	X	X	X	X	X	X	X	X
Light Blue Metallic	24	X	X		X	X	X		X
Dark Blue Metallic	26	X	X		X	X	X		X
Midnight Blue Metallic	29	X	X		X	X	X		X
Dark Green Metallic	42	X					X		
Light Green Metallic	44	X					X		
Green Gold Metallic	46	X					X		
Midnight Green	48	X					X		
Light Yellow	51	X					X		
Chamois	56	X					X		
Light Copper Metallic	60	X					X		
Silver Metallic	64	X	X	X	X	X	X	X	X
Dark Brown Metallic	68	X					X		
Dark Red Metallic	74	X		X			X	X	
Medium Red	75	X		X			X	X	
Medium Orange Metallic	97	X					X		

+ All vinyl material is solid color.
@ Cloth No. 1 Black & White pattern, Cloth No. 2 Black & Blue pattern.
* Accent carpet color. Obtained by specifying trim number plus Accent Carpet RPO number (RPO 19F for Black, 75F for Red, or 24F for Blue).
† RPO AK1 Shoulder Harnesses/Seat Belts not available with Accent Carpeting. Optional color keyed floor mats available in Accent Carpeting colors.
B Black and green pattern.
$ Three-tone interior provided (Medium Chamois/Medium Dark Chamois/Dark Chamois)

INTERIOR – EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM +				
		Light Neutral	Dark Green		Dark Saddle	Medium Chamois
			B			$
		Vinyl	Cloth	Vinyl	Vinyl	Vinyl
Standard - 1FQ00 Coupe (87)	Bucket	779		777	778	780
Type LT - 1FS00 Coupe (87)	Bucket	788	781			
EXTERIOR COLOR	Color Code					
Antique White C/O	11	X	X		X	X
Light Blue Metallic	24	X				
Dark Blue Metallic	26	X				
Midnight Blue Metallic	29	X				
Dark Green Metallic	42	X	X			
Light Green Metallic	44	X	X			
Green Gold Metallic	46	X	X			
Midnight Green	48	X	X		X	X
Light Yellow	51	X				
Chamois	56	X	X		X	X
Light Copper Metallic	60	X			X	
Silver Metallic	64	X	X		X	X
Dark Brown Metallic	68	X			X	
Dark Red Metallic	74	X				
Medium Red	75	X				
Medium Orange Metallic	97	X			X	

VINYL TOP COLOR	EXTERIOR COLOR
Black	All
White	All
Medium Green	11, 44, 48
Medium Blue	11, 24, 26, 29
Light Neutral	46, 48, 60, 68, 74, 75, 97
Chamois	11, 56
Maroon	11, 64, 74

POWER TRAINS

POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS * STAND.	AXLE RATIOS * TRAILER	RING GEAR
Turbo Thrift 250 250 Cu. In. L-6 Standard	3-Speed (2.85:1 low) Turbo Hydra-matic	1FQ87 only	3.08:1		8.50
Turbo Fire 307 307 Cu. In. V-8 RPO L14	3-Speed (2.85:1 low) Turbo Hydra-matic	1FQ87 only	3.08:1 2.73:1	 3.42:1	8.50
Turbo Fire 350 350 Cu. In. V-8 RPO L65	3-Speed (2.54:1 low) 4-Speed (2.54:1 low) Turbo Hydra-matic	All Models (Standard 1FS87)	3.08:1 2.73:1	 3.42:1	8.50
Turbo Fire 350 350 Cu. In. V-8 RPO L48	3-Speed (2.54:1 low) 4-Speed (2.54:1 low) Turbo Hydra-matic	All Models	3.42:1 3.08:1		8.50
Turbo-Fire 350 350 Cu. In. V-8 RPO Z28	4-Speed (2.52:1 low) 4-Speed (2.20:1 low) Turbo Hydra-matic	All Models	3.73:1		8.50

*Positraction axles available optionally.

GENERAL DATA

Engine		L-6 OHV	V-8 OHV			
Piston Displacement (Cu.In.)		250	307	350		
Availability		Standard	L14	L65	L48	Z28
Number of Cylinders		Six	Eight			
Bore (nominal)		3.875	3.875	4.00		
Stroke (nominal)		3.53	3.25	3.48		
Compression Ratio		8.5:1				9.00:1
Taxable (SAE Horsepower)		36.0	48.0	51.2		
Firing Order		1-5-3-6-2-4	1-8-4-3-6-5-7-2			
Idling Speed	Manual transmission (in neutral)	700	900			
	Turbo Hydra-matic (in drive)	600				700
Comp. Press. (PSI) @ Cranking Speed, Engine Hot		140	150			
Power Plant Mountings	Front	Two, preloaded captive cushion type				
	Rear	One; full shear type				
Measurements	Fan to rear of engine block	34.49	31.55	31.55	31.55	31.16
	Top of a/clnr to bottom of oil pan	27.76	29.45	29.60	28.52	28.02
	Width - including air cleaner	30.68	28.53	28.53	28.53	28.53

ADVERTISED ENGINE RATING

Engine Designation	Turbo-Thrift 250 L-6	Turbo-Fire 307 V-8	Turbo-Fire 350 V-8	Turbo-Fire 350 V-8	Turbo-Fire 350 V-8
Availability	Standard	RPO L14	RPO L65	RPO L48	RPO Z28
Carburetor	Single Bbl.	Two Bbl.	Two Bbl.	Four Bbl.	Four Bbl.
Net Brake HP @ RPM	100 @ 3600	115 @ 3600	145 @ 4000	175 @ 4000	245 @ 5200
Net Torque @ RPM (lb-ft)	175 @ 1600	205 @ 2000	255 @ 2400	260 @ 2800	280 @ 4000

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
250 Cu.In. L-6 Standard	Single Barrel	3-Speed	8.78	5.17	3.08		9.09	3.08
307 Cu.In. V-8 RPO L14	2-Barrel	3-Speed	8.78	5.17	3.08		9.09	3.08
350 Cu.In. V-8 RPO L65	2-Barrel	3-Speed	7.82	3.81	3.08		6.68	3.08
		4-Speed	7.82	5.54	4.43	3.08	7.82	3.08
350 Cu.In. V-8 RPO L48	4-Barrel	3-Speed	8.69	5.13	3.42		8.99	3.42
		4-Speed	8.69	6.16	4.92	3.42	8.69	3.42
350 Cu.In. V-8 RPO Z28	4-Barrel	4-Speed	9.40	7.01	5.45	3.73	9.66	3.73
			8.21	6.12	4.74	3.73	8.42	3.73

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
250 Cu.In. L-6 Standard	Turbo Hydra-matic	Drive	15.52:1 - 3.08:1	3.08:1
		Low	15.52:1 - 3.08:1	
		Second	15.52:1 - 3.08:1	
		Reverse	11.89:1 - 5.94:1	
307 Cu.In. V-8 RPO L14	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.54:1 - 5.27:1	
350 Cu.In. V-8 RPO L65	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.54:1 - 5.27:1	
350 Cu.In. V-8 RPO L48	Turbo Hydra-matic	Drive	15.52:1 - 3.08:1	3.08:1
		Low	15.52:1 - 7.76:1	
		Second	15.52:1 - 4.68:1	
		Reverse	11.89:1 - 5.94:1	
350 Cu.In. V-8 RPO Z28	Turbo Hydra-matic	Drive	19.43:1 - 3.73:1	3.73:1
		Low	19.43:1 - 9.25:1	
		Second	19.43:1 - 5.52:1	
		Reverse	16.30:1 - 7.76:1	

* Axle ratio x transmission ratio

VEHICLE PERFORMANCE FACTORS

ENGINE	250 CU.IN. 100 HP	307 CU.IN. 115 HP	350 CU.IN. 145 HP	350 CU.IN. 175 HP	350 CU.IN. 245 HP
MODEL	1FQ87	1FQ87	1FS87	1FS87	1FS87
3-SPEED TRANSMISSION					
Performance Weight (pounds)	3805	3924	4035	4081	
Pounds per Net Horsepower	38.05	34.12	27.83	23.32	
Pounds per Cu.In. Displacement	15.22	12.78	11.53	11.66	
Net HP per Cu.In. Displacement	.400	.377	.414	.500	
Power Displacement (cu.ft./mile)	177.35	217.79	248.29	275.70	
Displacement Factor (cu.ft./ton mile)	93.34	111.12	122.91	135.15	
4-SPEED TRANSMISSION					
Performance Weight (pounds)			4041	4087	4146
Pounds per Net Horsepower			27.87	23.35	16.92
Pounds per Cu.In. Displacement			11.55	11.68	11.84
Net HP per Cu.In. Displacement			.414	.500	.700
Power Displacement (cu.ft./mile)			248.29	275.70	302.57
Displacement Factor (cu.ft./ton mile)			122.91	135.15	146.17
TURBO HYDRA-MATIC					
Performance Weight (pounds)	3828	3947	4058	4102	4195
Pounds per Net Horsepower	38.28	34.32	27.99	23.44	17.12
Pounds per Cu.In. Displacement	15.31	12.86	11.59	11.72	11.99
Net HP per Cu.In. Displacement	.400	.374	.414	.500	.700
Power Displacement (cu.ft./mile)	157.20	193.04	220.07	248.29	302.57
Displacement Factor (cu.ft./ton mile)	82.30	98.50	108.51	121.12	144.77

GLOSSARY

Performance Weight	Curb Weight plus 600 Lb (weight of four 150 lb passengers)
Power Displacement	$\frac{\text{Crankshaft Revs/Mi x Piston Displacement}}{2 \times 1728}$
Displacement Factor	$\frac{\text{Power Displacement}}{\text{Performance Wt (tons)}}$

TURBO-THRIFT 250 L-6 ENGINE

Transmission		3-Speed	●Turbo Hydra-matic
Rear Axle Ratio		3.08:1	3.08:1
Tire Size		E78 x 14B	
Crankshaft Revolutions per Mile		2451.7	2451.7
Crankshaft RPM @ 1 MPH	Low	116.4	103.0
	Second	68.6	62.1
	Third	40.9	40.9 (direct)
	Reverse	120.5	75.9
Piston Travel (ft/mile)		1442.4	1442.4

TURBO-FIRE 307 V-8 ENGINE

Transmission		3-Speed	Turbo Hydra-matic
Rear Axle Ratio		3.08:1	2.73:1
Tire Size		E78 x 14B	
Crankshaft Revolutions per Mile		2451.7	2173.1
Crankshaft RPM @ 1 MPH	Low	116.4	111.6
	Second	68.6	55.1
	Third	40.9	36.2 (direct)
	Reverse	120.5	69.9
Piston Travel (ft/mile)		1328.0	1177.1

TURBO FIRE 350 V-8 ENGINE (RPO L65)

Transmission		3-Speed	4-Speed	Turbo Hydra-matic
Rear Axle Ratio		3.08:1		2.73:1
Tire Size		E78 x 14B		
Crankshaft Revolutions per Mile		2451.7		2173.1
Crankshaft RPM @ 1 MPH	Low	103.8	103.8	91.3
	Second	61.3	73.6	55.1
	Third	40.9	58.8	36.2
	Fourth		40.9	
	Reverse	107.5	103.8	69.9
Piston Travel (ft/mile)		1422.0		1260.4

TURBO-FIRE 350 V-8 ENGINE (RPO L48)

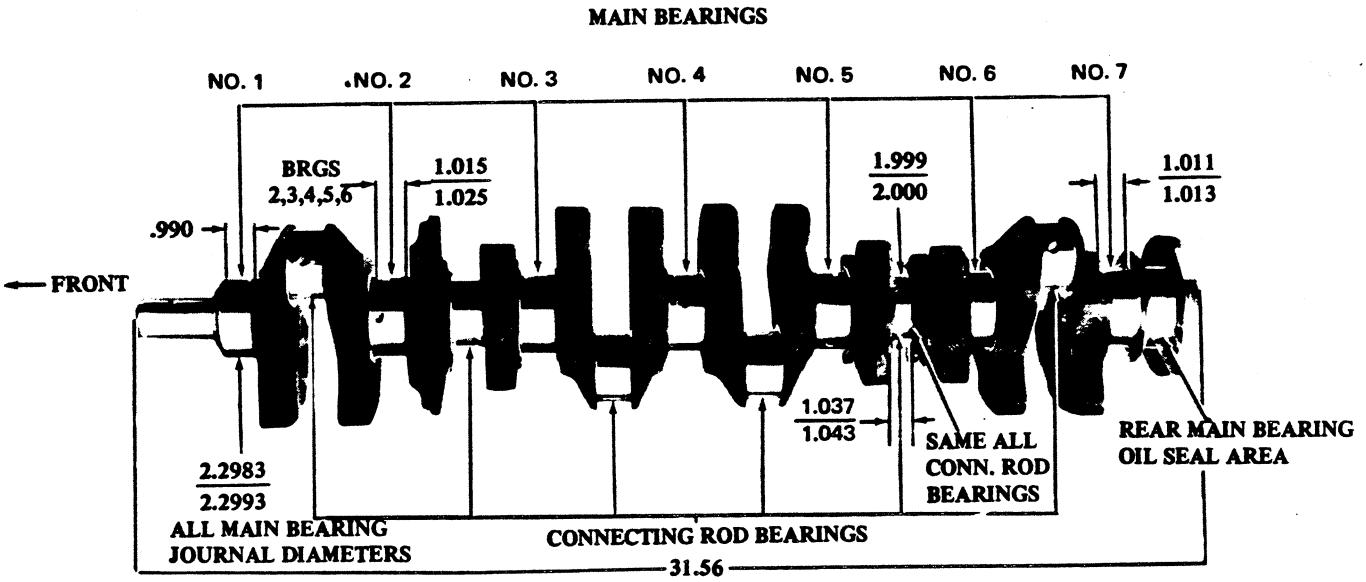
Transmission		3-Speed	4-Speed	Turbo Hydra-matic
Rear Axle Ratio		3.42:1		3.08:1
Tire Size		E78 x 14		
Crankshaft Revolutions per Mile		2722.3		2451.7
Crankshaft RPM @ 1 MPH	Low	115.2	115.2	103.0
	Second	68.1	81.7	62.1
	Third	45.4	65.3	40.9 (direct)
	Fourth		45.4	
	Reverse	119.3	115.2	78.9
Piston Travel (ft/mile)		1578.9		1422.0

TURBO-FIRE 350 V-8 ENGINE (RPO Z28)

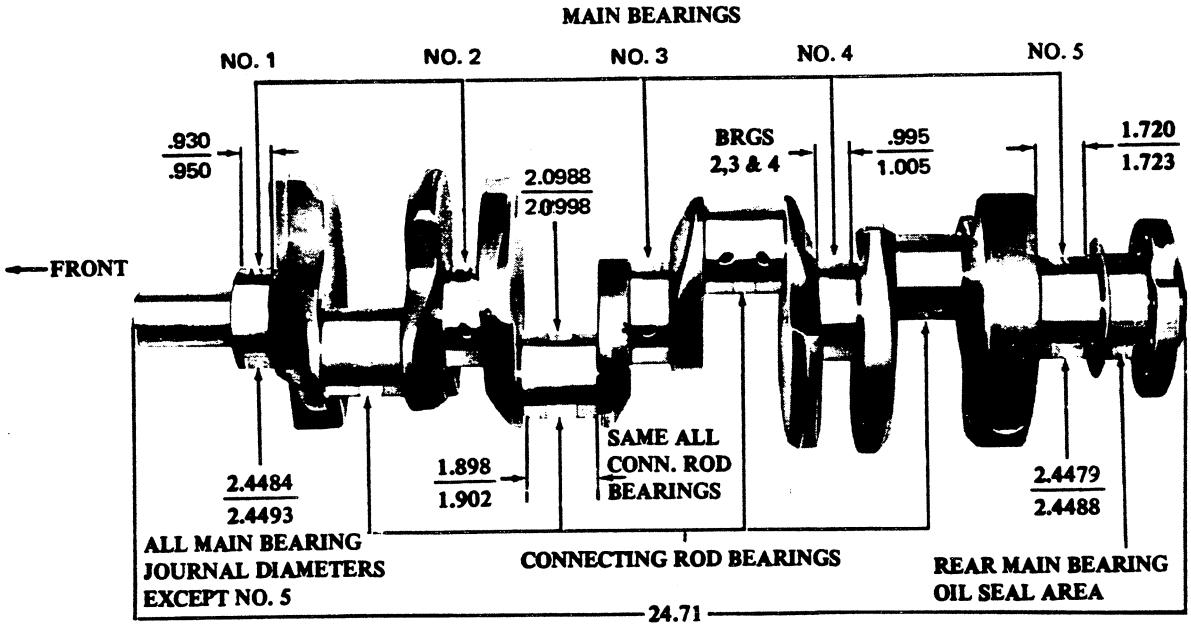
Transmission		4-Speed		Turbo Hydra-matic
Rear Axle Ratio		3.73:1		
Tire Size		F60 x 15		
Crankshaft Revolutions per Mile		2677.9		
Crankshaft RPM @ 1 MPH	Low	125.5	109.6	123.5
	Second	93.6	81.7	73.7
	Third	72.7	63.2	49.8 (direct)
	Fourth	49.8	49.8	
	Reverse	129.0	112.6	103.6
Piston Travel (ft/mile)		1733.0		

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



307 and 350 CUBIC INCH V-8 ENGINES



CYLINDER BLOCK

Material . . . . . Cast alloy iron
Bore Diameter
L6-250 Cu.In. 3.8745-3.8775
V8-307 Cu.In. 3.8745-3.8775
V8-350 Cu.In. 3.9995-4.0025
Bearing Caps (Number, material & attachment)
L6-250 . . . . . 7, cast iron, 2-bolt
V8-307 & 350 (L65 & L48) . . . 5, cast iron; 2-bolt
V8-350 (Z28) . . . . . No 1 & 5, cast iron 2-bolt
No. 2, 3 & 4, nodular iron 4-bolt
Water Jacket . . . . . Full length around each cylinder
Bore Spacing (Centerline to Centerline)
L6-250 Cu.In. 4.4
V8-307 & 350 Cu.In. 4.4

CYLINDER HEAD

Material . . . . . High chrome cast alloy iron
Bolt No. & Size
L6-250 Cu.In. . . . . 10; .500 dia. 13 threads/in.
V8-307 Cu.In. . . . . 34; .4375 dia. 14 threads/in.
V8-350 Cu.In. . . . . 34; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center)
L6-250 Cu.In. . . . . 5.93 Cu.In.
V8-307 Cu.In. . . . . 5.32 Cu.In.
V8-350 (RPO L65 & L48) Cu.In. . . . . 6.08 Cu.In.
V8-350 (Z28) Cu.In. . . . . 5.54 Cu.In.

INLET MANIFOLD

Material . . . . . Cast alloy iron
Type
L6-250 Cu.In. . . . . 3 port, rectangular section
V8-307 & 350 Cu.In. . . . . 8 port, double deck

EXHAUST MANIFOLD

Material . . . . . Cast alloy iron
Type
L6-250 Cu.In. . . . . 4 port, center downtake
V8-307 & 350 Cu.In. . . Dual, 4 port, rear downtake
Outlet Diameter (Nominal)
L6-250 Cu.In. 2.0
V8-307 & 350 Cu.In. 2.0

CRANKSHAFT

Material
L6-250 & V8-307 Cu.In. . . . . Cast nodular iron
V8-350 (L65 & L48) Cu.In. . . . Cast nodular iron
V8-350 (Z28) Cu.In. . . . . Forged steel
End Play
L6-250 & V8-307 Cu.In. 002-.006
V8-350 Cu.In. 002-.006
Counter Weights
L6 12
V8 6
Crank Arm Length
L6-250 Cu.In. 1.765
V8-307 Cu.In. 1.625
V8-350 Cu.In. 1.74
Torsional Damper . . . . . Rubber mounted inertia
Timing Gear
L6 . . . . . Steel; helical cut
V8 . . . . . Steel; sprocket & chain
Pulley Pitch Diameter 6.64

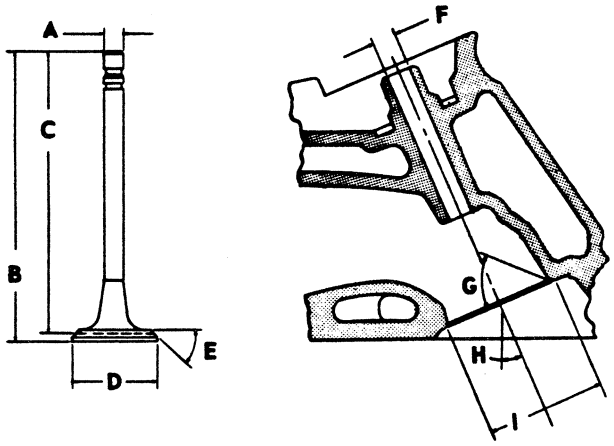
MAIN BEARINGS

Material . . . . . Steel; backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
Type . . . . . Precision removable
Thrust Against Bearing No. . . . L6 - No. 7; V8 - No. 5
Clearance
L6-250 Cu. In. 0003-.0029
V8-307 & 350 Cu.In. . . . . (No. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033

Dimensions	Theoretical Inner Dia.	Effective Length	Projected Area
L6-250 Cu.In.			
Bearing No. 1-6	2.3004	.752	1.7299
Bearing No. 7	2.3004	.760	1.7483
V8-307 & 350 (L65 & L48) Cu.In.			
Bearing No. 1	2.4502	.752	1.8425
Bearing No. 2-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.177	2.8846
V8-350 Cu.In. (Z28)			
Bearing No. 1-4	2.4503	.752	1.8426
Bearing No. 5	2.4508	1.177	2.8846

INLET VALVES

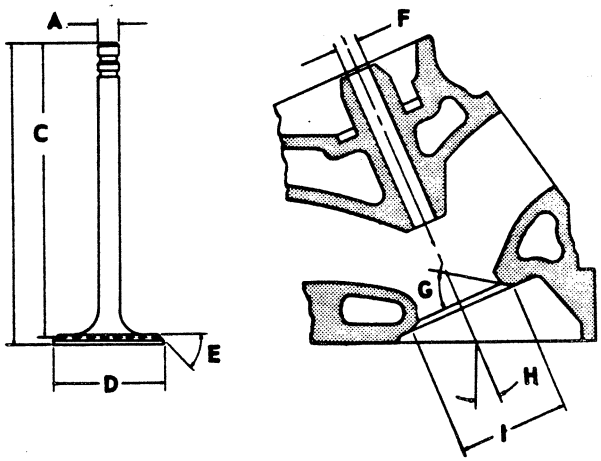
Material ..... Alloy steel
Coating
L6-250 Cu.In. ..... Aluminized face
V8-307 & 350 Cu.In. ..... None
All Stems ..... Chrome flash



A – Stem Diameter
L6-250 Cu.In. ..... .3410-.3417
V8-307 & 350 Cu.In. ..... .3410-.3417
B – Overall Length
L6-250 Cu.In. 4.902-4.922
V8-307 Cu.In. 4.870-4.889
V8-350 Cu.In. 4.870-4.889
C – Gage Length
L6-250 Cu.In. 4.785-4.795
V8-307 & 350 Cu.In. 4.785-4.795
D – Overall Head Diameter
L6-250 Cu.In. 1.715-1.725
V8-307 & 350 Cu.In. 1.935-1.945
V8-350 Cu.In. (Z28) 2.017-2.023
E – Angle of Face ..... 45°
F – Guide Diameter ..... .3427-.3437
G – Angle of Seat ..... 46°
H – Valve Angle
L6-250 Cu.In. ..... 9°
V8-307 & 350 Cu.In. ..... 23°
I – Valve Seat Diameter
L6-250 Cu.In. 1.591-1.597
V8-307 & 350 Cu.In. (L65 & L48) ... 1.823-1.829
V8-350 Cu.In. (Z28) 2.080

EXHAUST VALVES

Material ..... High alloy steel
Coating
L6-250 Cu.In. ..... Aluminized face
V8-307 & 350 Cu.In. ..... Aluminized face
All Stems ..... Chrome flash



A – Stem Diameter
L6-250 Cu.In. ..... .3410-.3417
V8-307 & 350 Cu.In. ..... .3410-.3417
B – Overall Length
L6-250 Cu.In. 4.913-4.933
V8-307 & 350 Cu.In. (L65 & L48) ... 4.913-4.933
V8-350 Cu.In. (Z28) 4.891-4.910
C – Gage Length
L6-250 Cu.In. 4.781-4.791
V8-307 & 350 Cu.In. 4.781-4.791
D – Overall Head Diameter
L6-250 Cu.In. 1.495-1.505
V8-307 & 350 Cu.In. (L65 & L48) ... 1.495-1.505
V8-350 Cu.In. (Z28) 1.595-1.605
E – Angle of Face ..... 45°
F – Guide Diameter ..... .3427-.3437
G – Angle of Seat ..... 46°
H – Valve Angle
L6-250 Cu.In. ..... 9°
V8-307 & 350 Cu.In. ..... 23°
I – Valve Seat Diameter
L6-250 Cu.In. 1.321-1.327
V8-307 & 350 Cu.In. (L65 & L48) ... 1.321-1.327
V8-350 Cu.In. (Z28) 1.600

CAMSHAFT

Material	Cast alloy iron
Drive	
L6	Gear; bakelite and fabric composition
V8	Sprocket & chain; steel
Lobe Lift	
L6-250 Cu.In.	.2217 Inlet & Exhaust
V8-307 Cu.In.	.2600 Inlet; .2733 Exhaust
V8-350 Cu.In. (L65 & L48)	.2600 Inlet; .2733 Exhaust
V8-350 Cu.In. (Z28)	.3000 Inlet; .3068 Exhaust
Camshaft Bearings	Steel backed babbitt

VALVE TRAIN

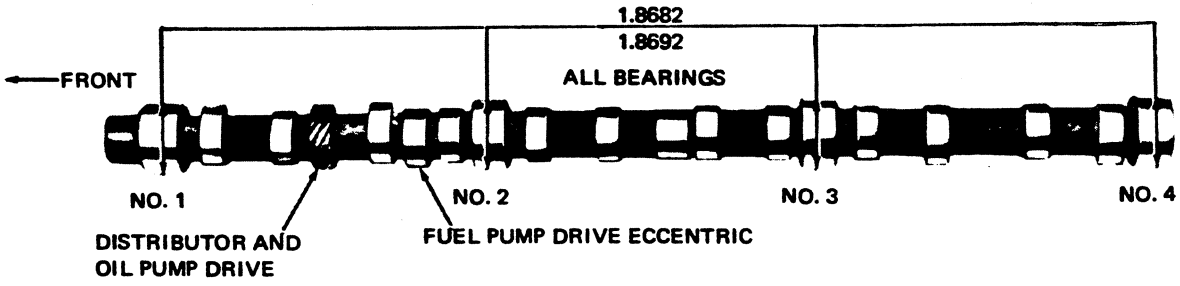
Type	Individually mounted, overhead valves and rocker arms, push rod actuated.
Lifters	Hydraulic
Rocker Arms	Stamped steel
Ratio	
L6-250 Cu.In.	1.75:1
V8-307 & 350 Cu.In.	1.50:1
Push Rods	Hollow steel with hardened ends; steel insert on upper end with Z28.
Rotators (V8-307 & 350)	Exhaust

VALVE SPRINGS

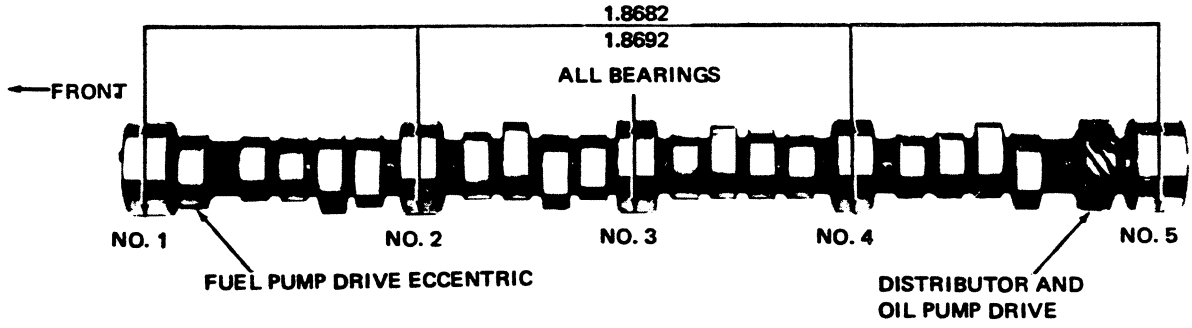
Diameter	
L6-250 Cu.In.	.872-.888
V8-307 Cu.In.	.868-.884
V8-350 Cu.In.	.868-.884
Installed Length (lb. @ in.)	
Valves Closed	
L6-250 Cu.In.	56-64 @ 1.66
V8-307 & 350 Cu.In.	
Inlet	76-84 @ 1.70
Exhaust	76-84 @ 1.61
Valves opened	
L6-250 Cu.In.	180-192 @ 1.27
V8-307 & 350 Cu.In.	
Inlet	194-206 @ 1.25
Exhaust	194-206 @ 1.16
Free Length	
L6-250 Cu.In.	1.90
V8-307 Cu.In.	2.03
V8-350 Cu.In.	2.03
Valve Spring Damper	
L6-250 Cu.In.	None
V8-307 Cu.In.	Flat steel, 4 coils
V8-350 Cu.In.	Flat steel, 4 coils
Oil Shield	Steel cup

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



350 CUBIC INCH V-8 ENGINE



PRINCIPAL COMPONENTS

COMPRESSION RINGS – UPPER

- Material . . . . . Cast alloy iron
- Type . . . . . Straight edge inside of ring
- Face . . . . . Barrel
- Coating
  - L6-250 Cu.In. . . . . Molybdenum inlay
  - V8-307 & V8-350 Cu.In. (L65 & L48) . . . . . Chrome plate face
  - V8-350 (Z28) Cu.In. . . . . Molybdenum inlay
- Width
  - L6-250 Cu.In. 0775-.0780
  - V8-307 & 350 (L65 & L48) 0775-.0780
  - V8-350 (Z28) Cu.In. 0770-.0780
- Wall Thickness
  - L6-250 Cu.In. 184-.194
  - V8-307 Cu.In. 184-.194
  - V8-350 Cu.In. 190-.200
- Gap 010-.020

COMPRESSION RINGS – LOWER

- Material . . . . . Cast alloy iron
- Type . . . . . Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 and V8-307 & 350)
- Face . . . . . Tapered
- Coating . . . . . Wear resistant
  - V8-350 Cu.In. . . . . Chrome plates
- Width
  - L6-250 Cu.In. 0770-.0780
  - V8-307 Cu.In. 0770-.0780
  - V8-350 (L65 & L48) Cu.In. 0770-.0775
  - V8-350 (Z28) Cu.In. 0775-.0780
- Wall Thickness
  - L6-250 Cu.In. 184-.194
  - V8-307 Cu.In. 184-.194
  - V8-350 Cu.In. 190-.200
- Gap
  - L6-250 Cu.In. 010-.020
  - V8-307 Cu.In. 010-.020
  - V8-350 Cu.In. 013-.025

OIL CONTROL RINGS

- Type . . . . . Multi-piece (two rails and one spacer)
- Material
  - Rails . . . . . Steel
  - Spacer . . . . . Alloy steel
- Width (assembled)
  - L6-250 & V8-307 Cu.In. 1870-.1890
  - V8-350 Cu.In. 1850-.1870
- Wall Thickness
  - L6-250 Cu.In. 152-.158
  - V8-307 & 350 Cu.In. 150-.156
- Gap
  - L6-250 Cu.In. 015-.055
  - V8-307 & 350 Cu.In. 015-.055
- Rail Coatings . . . . . Chrome plates

CONNECTING RODS

- Material . . . . . Drop forged steel
- Length (center to center)
  - L6-250 Cu.In. 5.695-5.705
  - V8-307 & 350 Cu.In. 5.695-5.705

CONNECTING ROD BEARINGS

- Material
  - L6-250 & V8-307 Cu.In. . . . . Copper lead alloy or sintered copper nickel backed babbitt on steel
  - V8-350 Cu.In. . . . . Premium aluminum
- Type . . . . . Precision removable
- Clearance
  - L6-250 Cu.In. 0007-.0027
  - V8-307 & 350 Cu.In. 0013-.0035
- Theoretical I.D.
  - L6-250 Cu.In. 2.0017
  - V8-307 & 350 Cu.In. 2.1019
- Effective Length
  - L6-250 Cu.In. 807
  - V8-307 & 350 Cu.In. 797
- End Play
  - L6-250 Cu.In. 007-.016
  - V8-307 & 350 Cu.In. 008-.014

VALVE LIFT

L6-250 Cu.In. Standard	.3880 Inlet & Exhaust
V8-307 Cu.In.	.3900 Inlet; .4100 Exhaust
V8-350 Cu.In. (L65 & L48)	.3900 Inlet; .4100 Exhaust
V8-350 Cu.In. (Z28)	.4500 Inlet; .4600 Exhaust

VALVE TIMING (Crankshaft degrees – Excluding Ramps)

L6-250 Cu.In.	
Inlet Valve	
Opens - BTC	16°
Closes - ABC	48°
Duration	244°
Exhaust Valve	
Opens - BBC	46°30'
Closes - ATC	17°30'
Duration	244°
V8-307 Cu.In.	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	72°
Duration	280°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°
V8-350 Cu.In. (L65 & L48)	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	72°
Duration	280°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°
V8-350 Cu.In. (Z28)	
Inlet Valve	
Opens - BTC	52°
Closes - ABC	114°
Duration	346°
Exhaust Valve	
Opens - BBC	98°
Closes - ATC	62°
Duration	340°

PISTONS

Material	
All engine except V8-350 (Z28)	Cast alum. alloy
V8-350 Cu.In. (Z28)	Alum. impact extruded
Head Type	
L6-250 Cu.In.	Sump
V8-307 Cu.In.	Flat, notched
V8-350 Cu.In. (L65 & L48)	Sump
V8-350 Cu.In. (Z28)	Flat, notched
Skirt Type	Slipper
Top Land Clearance	
L6-250 Cu.In.	.0245-.0335
V8-307 & 350 Cu.In. (L65 & L48)	.0235-.0325
V8-350 Cu.In. (Z28)	.0305-.0395
Skirt Clearance	
L6-250 Cu.In.	.0005-.0015
V8-307 Cu.In.	.0005-.0015
V8-350 Cu.In. (L65 & L48)	.0007-.0017
V8-350 Cu.In. (Z28)	.0036-.0046
Compression Ring Groove Depth	
L6-250 Cu.In.	.2153-.2218
V8-307 Cu.In.	.2113-.2178
V8-350 Cu.In.	.2218-.2284
Oil Ring Groove Depth	
L6-250 Cu.In.	.2093-.2158
V8-307 Cu.In.	.2053-.2118
V8-350 Cu.In.	.2038-.2103
Pin Bore Offset	.055-.065
Compression Height	
L6-250 Cu.In.	1.658-1.662
V8-307 Cu.In.	1.673-1.677
V8-350 Cu.In. (L65 & L48)	1.558-1.562
V8-350 Cu.In. (Z28)	1.553-1.567

PISTON PINS

Material	Chromium steel
Length	
L6-250 Cu.In.	2.990-3.010
V8-307 & 350 Cu.In.	2.930-2.950
Diameter	
L6-250 Cu.In.	.9270-.9273
V8-307 & 350 Cu.In.	.9895-.9898
Clearance in Piston	
L6-250 Cu.In.	.00015-.00025
V8-307 & 350 Cu.In. (L65 & L48)	.00015-.00025
V8-350 Cu.In. (Z28)	.00045-.00055
Pin Mounting	Locked in rod by shrink fit

EXHAUST AND VENTILATION SYSTEM

TYPE
- L6-250 Cu.In. . . . . Single
- V8-307 Cu.In. . . . . Single with crossover pipes
- V8-350 Cu.In. (L65) . . . . Single with crossover pipes
- V8-350 (L48 & Z28) Cu.In. . . . . Dual exhaust; single muffler

MUFFLERS
- Type . . . . . Oval, reverse flow
- Construction . . . . . Heads and body joined by rolled lock seam construction
- Head . . . . . .060 sheet steel, aluminized
- Shell . . . . . .036 sheet steel, aluminized
- Wrap . . . . . .030 indented asbestos sheet
- Cover . . . . . .018 sheet steel, aluminized
- Baffles . . . . . 4; .036 sheet steel, aluminized
- Length, Body 24.00
- Width (I.D.) 4.00
- Height (I.D.)
  - L6-250, V8-307 & 350 (L65) Cu.In. 9.75
  - V8-350 (L48 & Z28) Cu.In. 10.44

EXHAUST CROSSOVER PIPE (V8-307 & 350 (L65) Cu.In.
- Dimension (O.D.) 2.00
- Wall Thickness . . . . . .082 laminated

EXHAUST PIPE
- Dimensions (O.D.)
  - L6-250 Cu.In. 2.00
  - V8-307 & 350 (L65) Cu.In. 2.00
  - V8-350 (L48 & Z28) Cu.In. 2.25
- Wall Thickness
  - L6-250 Cu.In. 064
  - V8-307 & 350 (L65) Cu.In. . . . . .082 laminated
  - V8-350 (L48 & Z28) Cu.In. . . . . .082 laminated

TAIL PIPES
- Dimensions (O.D.)
  - L6-250 Cu.In. 2.00
  - V8-307 & 350 (L65) Cu.In. 2.00
  - V8-350 (L4 & Z28) Cu.In. 2.00
- Wall Thickness 069

EXHAUST EMISSION CONTROLS
- Positive Crankcase Ventilation . . . . . Withdraws oil and gas vapors from the various cavities throughout the engine for burning in the combustion cycle.
- Combination Emission Control Valve (L6-250) Reduces pollutant emissions in the exhaust during all phases of operation and controls hydrocarbon emissions during engine deceleration.
- Air Injection Reactor System . . . . . Compresses, regulates and distributes quantities of air to each exhaust port to more completely burn carbon monoxide and hydrocarbon emissions.
- Exhaust Gas Recirculation System . . . . . Meters exhaust gas into induction system for recirculation through the combustion cycle to reduce oxides of nitrogen emissions.
- Carburetor Hot Air System . . . . . Meters and mixes heated air with incoming cold air to optimize fuel vaporization.
- Transmission Controlled Spark . . . . . Regulates vacuum to distributor vacuum advance to reduce hydrocarbon and oxides of nitrogen emissions in low and intermediate speed ranges.

FUEL TANK
- Capacity . . . . . 18 (approximately)
- Fuel Tank Location . . . . . Behind rear axle
- Filler Location . . . . . Behind hinged rear license plate

FUEL FILTERS, DUAL
- In Fuel Tank . . . . . Mesh strainer
- In Carburetor Inlet . . . . . Paper (sintered bronze V8-307)

FUEL PUMP ASSEMBLY
- Type
  - All engines except V8-350 (L48) . . . . Diaphragm
  - V8-350 (L48) . . . . . Deep cover with vapor return line
- Drive . . . . . Camshaft, eccentric
- Location . . . . . Right side front of engine
- Pressure Range (shut off pressure at 1800 RPM)
  - L6-250 Cu.In. . . . . 4.00-5.00 PSI at pump outlet
  - V8-307 Cu.In. . . . . 5.50-7.00 PSI at pump outlet
  - V8-350 Cu.In. . . . . 7.50-9.00 PSI at pump outlet

AIR CLEANER
- L6-250 Cu.In. . . . . Cylindrical, single air horn
- V8-307 Cu.In. . . . . Cylindrical, single air horn
- V8-350 Cu.In. (L65) . . . . Cylindrical, single air horn
- V8-350 Cu.In. (L48) . . . . . Cylindrical, single air horn, chrome plated cover
- V8-350 (Z28) . . . . . Full circle intake, chrome plated cover
- Diameter
  - L6-250 Cu.In. 12.62
  - V8-307 Cu.In. 12.62
  - V8-350 Cu.In. (L48 & L65) 15.48
  - V8-350 Cu.In. (Z28) 14.16
- Filter Element . . . . . Oil-wetted paper

CARBURETORS
- Make & Type
  - L6-250 Cu.In. . . . . Rochester, 1-barrel, Monojet
  - V8-307 & 350 Cu.In. (L65) . . . . . Rochester 2-barrel, downdraft
  - V8-350 Cu.In. (L48 & Z28) . . . . . Rochester 4-barrel, Quadrajet
- SAE Flange Type
  - L6-250 Cu.In. 1.50
  - V8-307 Cu.In. 1.25
  - V8-350 Cu.In. 1.50
- Throttle Bore
  - L6-250 Cu.In. 1.69
  - V8-307 Cu.In. 1.44
  - V8-350 Cu.In. (L65) 1.69
  - V8-350 (L48 & Z28) Cu.In.
    - Primary 1.38
    - Secondary 2.25
- Secondary Throttle Actuation . . . . . By linkage approximately when primary valves are opened halfway between closed and open
- Venturi Diameter
  - L6-250 Cu.In. 1.31
  - V8-307 Cu.In. 1.09
  - V8-350 (L65) Cu.In. 1.25
  - V8-350 (L48 & Z28) Cu.In.
    - Primary 1.09
    - Secondary . . . . . Air valve

CHOKE
- Type . . . . . Automatic

EVAPORATION CONTROL SYSTEM
- Purpose . . . . . Controls emission of gasoline vapors to the atmosphere
- Major Components and Basic Function . . . . Separate gas tank and vapor separator separates vapor from liquid fuel - a filler cap that doesn't permit venting into the atmosphere - a canister for storage of vapors - lines, hoses and valves to control and transport vapors from fuel tank to storage, and finally, to the carburetor for utilization in running the engine.

GENERAL
- Type ... Pressure, vented thru cooling recovery system
- Capacity with Heater (Standard Equipment)
  - L6-250 Cu.In. ..... 14 qts
  - V8-307 Cu.In. ..... 17 qts
  - V8-350 Cu.In. ..... 18 qts

RADIATOR
- Make and Type ..... Harrison, tube and center
- Core Constant
  - Distance between Fins
    - L6-250 Cu.In. ..... .22 Syn., .18 Auto.
    - V8-307 Cu.In. ..... .18 Syn., .18 Auto.
    - V8-350 Cu.In. (L65) ..... .18 Syn., .16 Auto.
    - V8-350 Cu.In. (L48) ..... .16 Syn., .18 Auto.
    - V8-350 Cu.In. (Z28) ..... .16 Syn. & Auto.
  - Distance between Tubes ..... .55
- Thickness of Core
  - L6-250 Cu.In. 1.26
  - V8-307 & 350 Cu.In. (L65 with Syn.) 1.26
  - V8-350 (L65 with Auto.) & (L48) 1.24
  - V8-350 (Z28) Cu.In. 1.98
- Frontal Area (Sq.In.)
  - L6-250 Cu.In. 353
  - V8-307 & 350 Cu.In. (L65 & L48) 353
  - V8-350 (Z28) Cu.In. 446
- Overflow ..... Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)
- Core Constant
  - Distance between Fins
    - L6-250 Cu.In. ..... .16 Syn. & Auto.
    - V8-307 & 350 (L65) Cu.In. ..... .16 Syn & Auto.
    - V8-350 (L48) Cu.In. ..... .16 Syn., .20 Auto.
    - V8-350 (Z28) Cu.In. ..... .16 Syn., .14 Auto.
  - Distance between tubes ..... .55
- Thickness of Core
  - L6-250 Cu.In. 1.26
  - V8-307 & 350 (L65) Cu.In. . 1.26 Syn., 1.24 Auto.
  - V8-350 (L48) Cu.In. ..... 1.24 Syn., 1.96 Auto.
  - V8-350 (Z28) Cu.In. 1.96
- Frontal Area (Sq.In.)
  - L6-250 Cu.In. 353
  - V8-307 & 350 Cu.In. 446
- Overflow ..... Separate coolant bottle

THERMOSTAT
- Type ..... Pellet
- Begins to Open at
  - All engines but Z28 ..... 192°-198°
  - V8-350 Cu.In. (Z28) ..... 177°-183°
- Fully Opened at
  - All engines but Z28 ..... 227°
  - V8-350 Cu.In. (Z28) ..... 202°

RADIATOR CAP RELIEF VALVE
- Opens at ..... Approximately 15 PSI

RADIATOR HOSE
- Outlet, Lower (Radiator to Water Pump)
  - L6-250 Cu.In. ..... 1.75 ID
  - V8-307 & 350 Cu.In. ..... 1.75 ID
- Inlet, Upper (Thermostat Housing to Radiator)
  - L6-250 ..... 1.50 ID
  - V8-307 & 350 Cu.In. ..... 1.50 ID

FAN
- Number of Blades
  - All engines but Z28 4
  - ●V8-350 Cu.In. (Z28) 7
- Diameter
  - L6-250 Cu.In. 17.62
  - All V8 engines 18.00

BELTS, CRANKSHAFT, FAN AND GENERATOR
- Number Used ..... One
- Angle of "V" ..... 38°–42°
- Pitch Line
  - L6-250 Cu.In. 37.30
  - V8-307 Cu.In. 47.00
  - V8-350 Cu.In. (L65 & L48) 47.00
  - V8-350 (Z28) Cu.In. 46.50
- Width ..... .380

WATER PUMP
- Type ..... Centrifugal
- Capacity
  - L6-250 Cu.In. ..... 20.4 GPM @ 2300 Engine RPM
  - V8-307 Cu.In. ..... 26 GPM @ 1900 Engine RPM
  - V8-350 Cu.In. ..... 26 GPM @ 1900 Engine RPM
- Bearing ..... Permanently lubricated double row ball
- Drive ..... Fan belt
- ● Ratio (Pump to Engine RPM)
  - L6-250 Cu.In. 1.165:1
  - V8-307 & 350 Cu.In. ..... .949:1

DRAIN LOCATIONS AND TYPE
- Engine Block - Plug
  - L6-250 Cu.In. ..... Left side rear
  - V8-307 & 350 Cu.In. ..... Right and left center

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
L6	Main and connecting rod bearing throw off
V8	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6	Nozzle sprayed
V8	Centrifugally oiled from camshaft bearing
Oil Pressure Sending Unit	
Type	Electric
Actuation	Opens or closes circuit @ 2 to 6 PSI
Oil Filler	
Cap	Positive seal
Location	
L6	Forward end of rocker cover
V8-307 & 350 Cu.In.	Rearward of left rocker cover

OIL PAN CAPACITIES (Quarts)

Refill	
L6-250 Cu.In.	4
V8-307 & 350 Cu.In.	4
Refill with Filter Change	
L6-250 Cu.In.	4.5
V8-307 & 350 Cu.In.	4.5

LUBRICANT GRADES AND TEMPERATURES

20°F and Above	20W,10W-30,10W-40,20W-40
0°F to 60°F	10W,5W-30,10W-30,10W-40
Below 20°F	5W,5W-20,5W-30

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs.
L6-250 Cu.In.	40 PSI @ 2000 RPM
V8-307 & 350 Cu.In.	40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 Cu.In.	4.3 @ 2000
V8-307 & 350 Cu.In.	4.3 @ 2000

OIL FILTER

Type	Full flow, throw away canister
Location	
L6	Right side front of engine
V8	Left rear side of engine
Capacity	One pint
Bypass Valve	Opens between 9 to 11 PSI

OIL PAN DRAIN PLUG

Type	Hex head
Location	
L6	Front lower face of oil pan
V8	Left lower face of oil pan
Size of Hex Head	.860–.875
Thread	1/2-20 UNF 2A
Length	0.81
Diameter	.410–.430

OIL DIPSTICK – LOCATION

L6-250 Cu.In.	Right side rear of engine block
V8-307 & 350 Cu.In.	Left side, rear of engine block

CLUTCHES

Engine	Type - Cubic Inch		L6-250	V8-307	V8-350		
	Availability		Standard	RPO L14	RPO L65	RPO L48	RPO Z28
Clutch for			3-Speed		4-Speed		
Type			Single dry disc		Single dry disc, centrifugal		
Clutch cover & pressure plate	Eff. plate load, lbs.		1650-1850	1900-2200	2100-2300		2450-2750
	Press. plate matl.		Cast iron		Nodular iron		
	Clutch spring type		Diaphragm		Diaphragm, bent finger design		
	Clutch spring matl.		Heat treated spring steel				
Driven plate	Type		Single disc with two friction surfaces				
	Cushions		Flat spring steel between friction rings				
	Dampers		(a)	10 coil springs (5 sets of two)			
	Friction rings	OD	9.12	10.34		11.00	
		ID	6.12	6.50		6.50	
		Total area sq. in.	71.82	101.54			123.70
		Material	Woven type asbestos				
Flywheel & Ring Gear	Flywheel	Material	Nodular iron				
	Ring gear	Material	Heat treated HR steel				
		No. of Teeth	153		168		
		PD	12.75		14.00		
		Attachment	Shrink Fit				
Bearings	Release	Type	Single row ball				
		Lubrication	None, prepacked				
	Pilot	Type	Bronze bushing				
		Lubrication	None, sintered and oil impregnated				
Controls	Clutch fork		Drop forged steel, pivot mounted on ball				
	Pedal mounting		Pendant from brace on dash				
	Lubrication		Crossover shaft				
Clutch housing material			Aluminum alloy				

(a) 6 outer coil springs and 3 inner coil springs equally spaced

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type			3-Speed			4-Speed		
Engine Application	Type		L6-250	V8-307	V8-350	V8-350		V8-350
	Availability		Standard	RPO L14	L65	L65	L48	Z28
Case material			Cast Iron					Aluminum
Gear Shift	Type		Remote					
	Control		Lever					
	Location		Floor					
Gears	Type		Helical					
	Material		Forged steel hardened					
	Synchronization		All forward gears					
	Constant mesh gear		All gears					All forward gears
	Sliding gears		None					Reverse
	Ratios	First	2.85		2.54	2.54	2.52	2.20
		Second	1.68		1.50	1.80	1.88	1.64
		Third	1.00		1.00	1.44	1.46	1.27
		Fourth				1.00	1.00	1.00
		Reverse	2.95		2.63	2.54	2.59	2.26
Lubricant	Type		Meeting Military Specification MIL-L-2105B					
	Capacity (pts)		3					
Extension	Material		Cast iron					Aluminum
	Oil Seal		Steel encased seal of spring loaded silicone					

SUPPLY SYSTEM
BATTERY
Type . . . . . Sealed side terminal
Voltage Rating 12
Cranking Power @ 0°F
L6-250 Cu.In. . . . . 2300 watts
V8-307 & 350 Cu.In. . . . . 2900 watts
Heavy Duty (RPO T60) . . . . . 3750 watts
Total Number of Plates
L6-250 Cu.In. 54
V8-307 & 350 Cu.In. 66
Heavy Duty (RPO T60) 90
Number of Cells 6
Terminal Grounded . . . . . Negative
Location . . . . . Right front engine compartment

GENERATOR
Type . . . . . Diode rectified
Rating
Amps 37
Volts 12
Drive . . . . . By fan belt
Pulley Pitch Diameter 2.43
Ratio (Gen. to Engine Speed) 2.73:1

REGULATOR
Type . . . . . Micro circuit unit: integral with alternator
Voltage . . . . . 13.8-14.8 @ 85° F

IGNITION SYSTEM
DISTRIBUTORS . . . . . Refer to chart below

CABLE . . . . . Linen core impregnated with electrical conducting material and insulation of rubber with neoprene jacket

COIL
Type 12-Volt
Amperes Drawn
Engine Stopped 4.0
Engine Idling 1.8

SPARK PLUGS
Type
L6-250 Cu.In. ACR46T
V8-307 & 350 Cu.In. ACR44T
Thread Size (mm) 14
Gap 033-.038
Torque . . . . . 15 lb.ft.

STARTING SYSTEM
STARTING MOTOR
Rotation (Drive End View) . . . . . Clockwise
Test Conditions . . . . . Engine at operating temp.
No Load Test
Amps
L6-250 Cu.In. 49-87
V8-307 Cu.In. 49-87
V8-350 Cu.In. 70-99
Volts 10.6
RPM
L6-250 Cu.In. 6200-10700
V8-307 Cu.In. 6200-10700
V8-350 Cu.In. 7800-12000
Motor Drive
Engagement . . . . . Solenoid
Pinion Meshes at . . . . . Rear
Pinion Tooth No. 9
Flywheel Tooth No. 153
Mounting . . . . . Bolted to cylinder block flange

DISTRIBUTORS	Transmission	250 Cu.In. Standard	307 Cu.In. RPO L14	350 Cu.In. RPO L65	350 Cu.In. RPO L48	350 Cu.In. RPO Z28
Model	Manual	1110499	1112227	1112168	1112093	1112148
	Automatic	1110499	1112102	1112168	1112094	1112148
Type		Single breaker				
Cam angle		31-34	29-31			
Breaker gap		.019 (new)				
Breaker arm tension		19 - 23 oz.				
Centrifugal advance begins @ RPM	Manual	950-1280	800-1200	675-1300	900-1300	800-1175
	Automatic	950-1280	650-1300	675-1300	650-1600	800-1175
Maximum Degrees @ RPM	Manual	22-26 @ 4100	22-26 @ 4300	18-22 @ 4200	16-20 @ 4200	18-22 @ 5000
	Automatic	22-26 @ 4100	18-22 @ 4200	18-22 @ 4200	12-16 @ 4200	18-22 @ 5000
Vacuum advance begins @ In. Hg.	Manual	6.0-8.0	5.0-7.0	3.0-5.0	5.0-7.0	5.0-7.0
	Automatic	6.0-8.0	5.0-7.0	3.0-5.0	5.0-7.0	5.0-7.0
Maximum degrees @ In. Hg.	Manual	22-26 @ 15	14-20 @ 12	13-16 @ 6.5	14-17 @ 13.5	14-20 @ 12
	Automatic	22-26 @ 15	14-20 @ 12	13-16 @ 6.5	14-17 @ 13.5	14-20 @ 12
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	Manual	6° BTC @ 700	4° BTC @ 900	8° BTC @ 900	8° BTC @ 900	8° BTC @ 900
	Automatic	6° BTC @ 600	8° BTC @ 600	8° BTC @ 600	12° BTC @ 600	8° BTC @ 700
Timing mark location		Torsional damper				

TURBO HYDRA-MATIC TRANSMISSION

Engine	Displacement (Cu.In.)		L6-250, V8-307 & 350 (L65 & L48)	V8-350 (Z28)
General Data	Type		Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.	
	Selector lever	Location	Steering column (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawl	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling		Water	
	Flywheel assembly		Steel stamping with welded on ring gear	
Hydraulic System	Oil pressure pump		Supplies hydraulic pressure from an engine driven gear type pump	
	Type		Steel spool	
	Manual		Establishes range at transmission operation	
	Pressure regulator		Controls main line pressure	
	Shift (1-2)		Controls oil pressure for transmission shift from 1-2 or 2-1	
	Shift (2-3)		Controls oil pressure for transmission shift from 2-3 or 3-2	
	Modulator		Regulates line pressure with modulator oil pressure that varies with torque to transmission	
	Accumulator		To obtain greater flexibility in attaining desired shift curve for various engine requirements	
	Pressure @ Idle (b)	Drive	55	70
		L2	80	150
		L1	80	150
		Reverse	84	107.5
Converter Assembly	Pump (Drive member)		Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing	
	Turbine (Driven member)		Steel axial flow blades assembled between inner & outer steel shells	
	Stator assembly		Aluminum multivane type blades mounted on a one way (overrunning) roller clutch	
	Stall ratio		2.00	2.10
	Stall speed (RPM)		2110	
	Diameter (nominal)		11.75	12.20
Planetary Gear Set	Reaction carrier assembly		4 steel pinion gears	
	Output carrier assembly		4 steel pinion gears	
	Front band			Circular steel with organic lining
	Rear band			Double wrap circular steel
	Intermediate band		Circular steel with organic lining	
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	2.48:1 - 1.48:1 - 1.00:1
		L2 (Low two)	2.52:1 - 1.52:1	2.48:1 - 1.48:1
		L1 (Low one)	2.52:1	2.48:1
		(R (Reverse)	1.93:1	2.08:1
	Servo Unit		Piston with release spring and inner cushion spring	
Case	Material		Aluminum	
Clutches	Type		Four, multiple disk	Three, multiple disk
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch		4 each drive & driven plates	5 each drive & driven plates
	Direct clutch		4 each drive & driven plates	5 each drive & driven plates
	Intermediate clutch		2 each drive & driven plates	3 each drive & driven plates
	Low & Reverse clutch		4 each drive & driven plates	
	Release spring		Radial row steel coil	
Torque Multiplication	Drive (maximum)		5.04:1 to 1.00	5.21:1 to 1.00
	Low 2		5.04:1 to 1.52	5.21:1 to 1.48
	Low 1		5.04:1 to 2.52	5.21:1 to 2.48
	Reverse		3.86:1 to 1.93	4.37:1 to 2.08
Governor	Type		Cross-axis centrifugal	
	Operation		Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves	
Lubricant	Type		A suffix A	
	Capacity (pints)	Dry	20	22
		Refill	8	9

(a) Floor mounted available as an option, quadrant changes to P-R-N-3-2-1.
(b) Conditions: 450 RPM input at 25 inches Hg. vacuum.

1973
AMA SPECIFICATIONS FORM
. . . Passenger Car

MANUFACTURER	CAR NAME	
Chevrolet Motor Division General Motors Corporation	CAMARO	
MAILING ADDRESS	MODEL YEAR	ISSUED September, 1972
Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090	1973	REVISED (●)

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AMA Specifications Form—Passenger Car

TABLE OF CONTENTS

NOTES:

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

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

BODY MODEL	Body Series, Type and Number. (Use mfgr's. code for identification)	Number of Passengers (Indicate Front/Rear)	
STANDARD	Model Number	Front	Rear
2-Door Sport Coupe	1FQ87	2	2
TYPE LT			
2-Door Sport Coupe	1FS87	2	2

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

CAR AND BODY DIMENSIONS

See Pages 27, 28 for SAE Dimension Definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for: 4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T., Convertible and Station Wagon.

MODEL	SAE Ref. No.	2-Door Sport Coupe
WIDTH		
Track – Front	W101	61.3*
Track – Rear	W102	60.0**
Maximum overall car width	W103	74.4
Body width at No. 2 pillar	W117	--
Max. front doors open	W120	140.5
Max. rear doors open	W121	--
LENGTH		
Body "O" to front of dash	L 30	-1.2
Wheelbase	L101	108.0
Overall car length	L103	188.4
Overhang – front	L104	38.0
Overhang – rear	L105	42.4
Body upper structure length	L123	94.1
Body "O" line to ℄ of rear wheel	L127	86.7
Body "O" line to w/s cowl point	L130	8.4
HEIGHT		
Passenger Distribution (front & rear)		2-2
Trunk/Cargo load (lbs.)		
Overall height	H101	49.1
Cowl height	H114	35.3
Deck height	H138	
Rocker panel – front: To ground	H112	6.7
Rocker panel – front: From front wheel ℄	H112	
Bottom of front door to ground	H133	11.3
Rocker panel – rear: To ground	H111	5.6
Rocker panel – rear: From rear wheel ℄	H111	
Bottom of rear door to ground	H135	--
Windshield slope angle	H122	57.4
GROUND CLEARANCE		
Bumper to ground – front	H102	19.2
Bumper to ground – rear	H104	14.4
Angle of approach	H106	20°32'
Angle of departure	H107	11°46'
Ramp breakover angle	H147	10°18'
Rear axle differential to ground	H153	5.4
Min. running clearance (Specify)	H156	(a) 4.6

(a) Exhaust Pipe at X Member

* - W101, (Type LT) 61.7

** - W102, (Type LT) 60.4

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

CAR AND BODY DIMENSIONS

See Pages 27, 29 for SAE Dimension Definitions

MODEL	SAE Ref. No.	2-Door Sport Coupe
FRONT COMPARTMENT		
H Point to body "O" line	L31	42.8
Effective head room	H61	37.3
Max. eff. leg room – accelerator	L34	43.9
H Point to Heel point	H30	6.6
H Point travel	L17	5.0
Shoulder room	W 3	57.4
Hip room	W 5	53.3
Upper body opening to ground	H50	40.5
REAR COMPARTMENT		
H Point couple distance	L50	27.3
Effective head room	H63	36.0
Min. effective leg room	L51	30.7
H Point to Heel point	H31	8.4
Min. knee room	L48	0.5
Rear Compartment room	L 3	22.7
Shoulder room	W 4	54.4
Hip room	W 6	47.3
Upper body opening to ground	H51	--
LUGGAGE COMPARTMENT		
Usable luggage capacity (cu. ft.)	V 1	6.7
Liftover height	H195	27.8
Position of spare tire storage		RH Corner - Flat
Method of holding lid open		Torsion Bars
STATION WAGON – THIRD SEAT		
Shoulder Room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
Seat facing direction		
STATION WAGON – CARGO SPACE		
Cargo length at floor – front seat	L202	
Cargo length at belt – front seat	L204	
Cargo width – Wheelhouse	W201	
Opening width at belt	W204	
Maximum cargo height	H201	
Rear opening height	H202	
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	

AMA Specifications Form—Passenger Car

Page 4

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

POWER TEAMS

(Indicate whether standard or optional)

Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO ** (Std. first) (Indicate A/C ratio)		
	Displ. cu. in.	Carb.	Compr. Ratio	Net @ RPM BHP	Net @ RPM Torque		"A"	"B"	"C"
1FQ87	Turbo Thrift 250 L6	One; 1-bbl	8.25:1	100 @ 3600	175 @ 1600	3-Spd Manual (2.85:1 low)	3.08	--	--
						3-Spd automatic*	2.73	--	--
1FQ87 & 1FS87	Turbo Fire 307 V8 (L14)	One; 2-bbl	8.5:1	115 @ 3600	205 @ 2000	3-Spd Manual (2.85:1 low)	3.08	3.08	--
						3-Spd automatic*	2.73	2.73	3.42
	Turbo 350 V8 (L65)#	One; 2-bbl	8.5:1	145 @ 4000	255 @ 2400	3-Spd Manual (2.54:1 low)			
						4-Spd Manual* (2.54:1 low)	3.08	3.08	--
						3-Spd. automatic*	2.73	2.73	3.42
	Turbo Fire 350 V8 (L48)*	One; 4-bbl	8.5:1	175 @ 4000	260 @ 2800	3-Spd Manual (2.54:1 low)			
						4-Spd Manual* (2.54:1 low)	3.42	3.42	--
						3-Spd Automatic*	3.08	3.08	--
	Turbo Fire 350 V8 (Z28)*	One; 4-bbl	9.00:1	245 @ 5200	280 @ 4000	4-Spd Manual (2.52:1 low)	3.73	3.42	--
						4-Spd Manual* (2.20:1 low)	3.73		--
						3-Spd Automatic*	3.73	3.42	--

\# - Base engine with 1FS87 optional with 1FQ87
* - Optional
** - Positraction available optionally for all ratios

A - Standard
B - Air Conditioning
C - Trailer Option

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

MODEL	Turbo-Thrift 250 Standard	Turbo-Fire 307 RPO L14	Turbo-Fire 350 RPO L65
ENGINE – GENERAL			
Type, no. cyls., valve arr.	In-line 6 OHV	90° V-8 OHV	
Bore and stroke (nominal)	3.875 x 3.53	3.875 x 3.25	4.00 x 3.48
Piston displacement, cu. in.	250	307	350
Bore spacing (℄ to ℄)	4.40		
No. system (front to rear) L. Bank	1-2-3-4-5-6	1-3-5-7	
No. system (front to rear) R. Bank	In-line	2-4-6-5	
Firing Order	1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Cylinder Head Material	Cast iron alloy		
Cylinder Block Material	Cast iron alloy		
Cyl. Sleeve-Wet,dry,none	None		
Number of mtg. points Front	Two		
Number of mtg. points Rear	One		
Engine installation angle	4°46'		
Taxable horsepower $\frac{Dia^2 \times No.\ Cyl.}{2.5}$	36.0	48.0	51.2
Recommended fuel regular – premium	Regular (unleaded or low lead)		
Cylinder Head Volume (cc)	72.75	74.56	75.47
Head Gasket Thickness (Compressed)	.032	.021	.021
Head Gasket Volume (cc)	6.86	4.32	4.58
Deck Clearance nominal (above or below block)	.008 (below)	.025 (below)	.025 (below)
Minimum Combustion Chamber Volume (cc)	71.71	74.47	74.47
ENGINE – PISTONS			
Material	Cast aluminum alloy		
Description and finish	Sump head; slipper skirt	Flat head, notched; slipper skirt	Sump head; slipper skirt
Weight (piston only) oz.	28.80	22.00	21.16
Clearance (limits) Top land	.0245-.0335	.0235-.0325	.0235-.0325
Clearance (limits) Skirt Top	.0005-.0015 (a)	.0005-.0015 (b)	.0007-.0017 (c)
Clearance (limits) Skirt Bottom			
Ring groove diameter No. 1 ring	3.434-3.444	3.442-3.452	3.546-3.556
Ring groove diameter No. 2 ring	3.434-3.444	3.442-3.452	3.546-3.556
Ring groove diameter No. 3 ring	3.446-3.456	3.454-3.464	3.582-3.592
Ring groove diameter No. 4 ring		--	

(a) Measured 2.44 from top of piston
(b) Measured 1.675 from top of piston
(c) Measured 1.56 from top of piston

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL | RPO L48 | Turbo-Fire 350 RPO Z28

ENGINE – GENERAL

Type, no. cyls., valve arr.		90° V-8 OHV
Bore and stroke (nominal)		4.00 x 3.48
Piston displacement, cu. in.		350
Bore spacing (℄ to ℄)		4.40
No. system (front to rear)	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing Order		1-8-4-3-6-5-7-2
Cylinder Head Material		Cast iron alloy
Cylinder Block Material		Cast iron alloy
Cyl. Sleeve-Wet,dry,none		None
Number of mtg. points	Front	Two
	Rear	One
Engine installation angle		3°16'
Taxable horsepower $\frac{Dia^2 \times No.\ Cyl.}{2.5}$		51.2
Recommended fuel regular – premium		Regular (unleaded or low lead)
Cylinder Head Volume (cc)		75.47
Head Gasket Thickness (Compressed)		.021
Head Gasket Volume (cc)		4.58
Deck Clearance (minimum) (above or below block)		.025 (below)
Minimum Combustion Chamber Volume (cc)		74.47

ENGINE – PISTONS

Material			Cast aluminum alloy	Alum. impact extruded
Description and finish			Sump head; slipper skirt	Flat head, notched; slipper skirt
Weight (piston only) oz.			21.16	20.40
Clearance (limits)	Top land		.0235-.0325	.0305-.0395
	Skirt	Top	.0007-.0017 (a)	.0036-.0046 (a)
		Bottom		
Ring groove diameter	No. 1 ring		3.546-3.556	
	No. 2 ring		3.546-3.556	
	No. 3 ring		3.582-3.592	
	No. 4 ring			

(a) Measured 1.56 from top of piston

AMA Specifications Form—Passenger Car

Page 6

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED _____ REVISED (e) _____

ENGINE – RINGS

MODEL		L6-250 Standard	V8-307 L14	V8-350 L65	V8-350 L48	V8-350 Z28
Function (top to bottom)	No. 1, oil or comp.	Compression				
	No. 2, oil or comp.	Compression				
	No. 3, oil or comp.	Oil				
	No. 4, oil or comp.	None				
Compression	Description - material, coating, etc. Upper	Cast iron alloy; barrel face (a)				
	Lower	Cast iron alloy; inside bevel; tapered face (b)				
	Width	(c)		(d)		(e)
	Gap	.010-.020		(f)		
Oil	Description - material, coating, etc.	Multi - piece (2 rails and 1 spacer expander) Rails - steel, chrome plated OD; Expander - stainless steel				
	Width	.1870-.1890 assembled		.1850-.1870 assembled		
	Gap	.015-.055				
Expanders		In oil ring assembly				

ENGINE – PISTON PINS

Material		Chromium steel	
Length		2.990 - 3.010	
Diameter		.9270 - .9273	
Type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing: In rod or piston	None	
	Bushing: Material		
Clearance	In piston	.00015 - .00025	(g)
	In rod		
Direction & amount offset in piston		Major thrust side .060	None

ENGINE – CONNECTING RODS

Material		Drop forged steel	
Weight (oz.)		12.50	20.80
Length (center to center)		5.699-5.701	5.695 - 5.705
Bearing	Material & Type	Copper lead alloy (sintered) steel backed	Premium aluminum
	Overall length	.807	7.97
	Clearance (limits)	.0007-.0027	.0013 - .0035
	End play	..007-.016	.008 - .014

(a) Molybdenum inlay on L6-250; chrome plated on V8-307 and 350 (L65 and L48); Molybdenum inlay on V8-350 (Z28).

(b) Wear resistant coating on L6-250, V8-307 and 350 (L65 and L48); Chrome plating on V8-350 (Z28).

(c) Upper .0775 - .0780; lower .0770 - .0780

(d) Upper .0775 - .0780; lower .0770 - .0775

(e) Upper .0770 - .0780; lower .0775 - .0780

(f) Upper .010 - .020; lower .013 - .025

(g) .00045 - .00055

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL	L6-250 Standard	V8-307 L14	V8-307 L65	V8-350 L48	V8-350 Z28

ENGINE – CRANKSHAFT

Material		Cast nodular iron			Forged steel
Vibration damper type		Rubber mounted inertia			
End thrust taken by bearing (No.)		7	5		
Crankshaft end play		.002 - .006			
Main bearing	Material & type	Steel backed insert; copper lead alloy or premium aluminum lining selected for specific application			
	Clearance	.0003-.0029	(a)		
	Journal dia. and bearing overall length — No. 1	2.3004x.752	2.4502 x .752		
	No. 2	2.3004x.752	2.4502 x .752		
	No. 3	2.3004x.752	2.4502 x .752		
	No. 4	2.3004x.752	2.4502 x .752		
	No. 5	2.3004x.752	2.4508 x 1.180		
	No. 6	2.3004x.752	None		
	No. 7	2.3004x.760	None		
	Dir. & amt. cyl. offset	None			
	No. bolts/main brg. cap	14 & 7	10 & 5		16 & 5
Crankpin journal diameter		1.999-2.000	2.099 - 2.100		

ENGINE – CAMSHAFT

Location		(b)	In block above crankshaft		
Material		Cast alloy iron			
Bearings	Material	Steel backed babbitt			
	Number	4	5		
Type of Drive	Gear or chain	Gear	Chain		
	Crankshaft gear or sprocket material	Steel	Steel sprocket		
	Camshaft gear or sprocket material	(c)	Nylon teeth with aluminum hub		
	Timing chain — No. of links	None	46		
	Width	None	.780		
	Pitch	None	.500		

(a) No. 1 - .0008-.0020
No. 2, 3 & 4 - .0011-.0023
No. 5 - .0017-.0033

(b) Above and to right of crankshaft

(c) Backlite and fabric composition with steel hub

AMA Specifications Form—Passenger Car

Page 8

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL				L6-250 Standard	V8-307 L14	V8-350 L65	V8-350 L48	V8-350 Z28
ENGINE – VALVE SYSTEM								
Hydraulic lifters (Std., opt., NA)				Standard				
Valve rotator, type (intake, exhaust)				None	Exhaust			
Rocker ratio				1.75:1	1.50:1			
Operating tappet clearance (indicate hot or cold)	Intake			Zero				
	Exhaust			Zero				
Timing (based on top of ramp points)	Intake	Opens (°BTC)		16°	28°			52°
		Closes (°ABC)		48°	72°			114°
		Duration (deg.)		244°	280°			346°
	Exhaust	Opens (°BBC)		46°30'	78°			98°
		Closes (°ATC)		17°30'	30°			82°
		Duration (deg.)		244°	288°			350°
	Valve open overlap (deg.)			33°30'	58°			134°
Intake	Material			Alloy steel, aluminized face on L6-250				
	Overall length			4.902-4.922	4.870-4.889			
	Actual overall head dia.			1.715-1.725	1.935-1.945			2.017-2.023
	Angle of seat & face (deg.)			46° (seat) 45° (face)				
	Seat insert material			None				
	Stem diameter			.3410-.3417				
	Stem to guide clearance			.0010-.0027				
	Lift (@ zero lash)			.3880	.3900			.4500
	Outer spring press. & length	Valve closed (lb. @ in.)		56-64 @ 1.66	76-84 @ 1.70			
		Valve open (lb. @ in.)		180-192 @ 1.27	194-206 @ 1.25			
	Inner spring press. & length	Valve closed (lb. @ in.)		None	Spring damper			
		Valve open (lb. @ in.)		None	Spring damper			
Exhaust	Material			High alloy steel, aluminized face				
	Overall length			4.913 - 4.933				4.891 - 4.910
	Actual overall head dia.			1.495 - 1.505				1.595 - 1.605
	Angle of seat & face (deg.)			46° (seat) 45° (face)				
	Seat insert material			None				
	Stem diameter			.3410 - .3417				
	Stem to guide clearance			.0010 - .0027				
	Lift (@ zero lash)			.3880	.4100			.4600
	Outer spring press. & length	Valve closed (lb. @ in.)		56-64 @ 1.66	76-84 @ 1.61			76-84 @ 1.70
		Valve open (lb. @ in.)		180-192 @ 1.27	194-206 @ 1.16			194-206 @ 1.25
	Inner spring press. & length	Valve closed (lb. @ in.)		None	Spring damper			
		Valve open (lb. @ in.)		None	Spring damper			

AMA Specifications Form—Passenger Car

Page 9

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

ENGINE – LUBRICATION SYSTEM

MODEL		L6-250 Standard	V8-307 Standard	V8-350 L65	V8-350 L48	V8-350 Z28
Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure				
	Connecting rods	Pressure				
	Piston pins	Splash				
	Camshaft bearings	Pressure				
	Tappets	Pressure				
	Timing gear or chain	Nozzle	Centrifugally oiled from crankshaft bearing			
	Cylinder walls	Pressure jet cross sprayed				
Oil pump type		Gear				
Normal oil pressure (lb. ÷ engine rpm)		40 PSI @ 2000 RPM				
Oil press. sending unit (elect. or mech.)		Electric				
Type oil intake (floating, stationary)		Stationary				
Oil filter system (full flow, part., other)		Full flow				
Filter replacement (element, complete)		Complete				
Capacity of c/case, less filter-refill (qt.)		4				
Oil grade recommended (SAE viscosity and temperature range)		20°F and above - 20W, 10W-30, 10W-40, 20W-40 0° to 60°F - 10W, 5W-30, 10W-30, 10W-40 Below 20°F - 5W, 5W-20, 5W-30				
Engine Service Reqmt. (MM, MS, etc.)		SE				

ENGINE – EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)		Single	Single with crossover	Dual exhaust with single muffler
Muffler No. & type (reverse flow, straight thru, separate resonator)		One, reverse flow		
Exhaust pipe dia. (O.D., wall thick.)	Branch	None	2.00x.082 (a)	None
	Main	2.00x.064	2.00x.082 (a)	2.25x.082 (a)
Tail pipe dia. (O.D. & wall thickness)		2.00 x .069		2.00x.069

(a) Laminated

AMA Specifications Form—Passenger Car

Page 10

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL			L6-250 Standard	V8-307 Standard	V8-350 L65	V8-350 L48	V8-350 Z28
ENGINE – FUEL SYSTEM			(See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)				
Induction type: Carburetor, fuel injection, supercharger.			Carburetor				
Fuel Tank	Refill capacity (U.S. gals.)		Approximately 18				
	Filler location		Behind hinged rear license plate				
Fuel Pump	Type (elec. or mech.)		Mechanical				
	Locations		Lower right front of engine				
	Pressure range *		4.00-5.00	5.50-7.00	7.50-9.00		
Vacuum booster (std., optional, none)			None				
Fuel Filter	Type		Fine mesh plastic strainer in gasoline tank and paper				
	Locations		Filter (sintered bronze with V8-307) in carburetor inlet				
Carburetor	Choke type		Automatic				
	Intake manifold heat control (exhaust or water)		Exhaust				
	Air cleaner type	Standard	Thermostatically controlled; oil wetted paper element				
		Optional					
	Idle speed (spec. neutral or drive)	Manual N	700	900	900	900	
		Automatic	600			700	
		Idle A/F mix.	Not specified				

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors Make	Carburetors Model	No. Used and Type	Barrel Size
1FQ87 1FS87	250	Manual	Rochester	7043017 (7043317)	One 1-bbl	1.69
		Automatic		7043014 (7043314)		
	307	Manual	Rochester	7043101 (7043401)	One; 2-bbl	1.44
		Automatic		7043100 (7043400)		
	350 L65	Manual	Rochester	7043113 (7043413)	One; 2-bbl	1.69
		Automatic		7043114 (7043414)		
	350 L48	Manual	Rochester	7043203 (7043503)	One; 4-bbl	1.38 Prim 2.25 Sec.
		Automatic		7043202 (7043502)		
	350 Z28	Manual	Rochester	7043213 (7043513)	One; 4-bbl	1.38 Prim. 2.25 Sec.
		Automatic		7043212 (7043512)		

* - Shut off pressure - 1800 RPM at pump outlet

NOTE: Items bracketed ( ) are used in engines required for California.

AMA Specifications Form—Passenger Car

Page 11

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

ENGINE – COOLING SYSTEM

MODEL			L6-250 Standard	V8-307 Standard	V8-350 L65	V8-350 L48	Z28
Type system (pressure, pressure vented, atmospheric, other)			Pressure-vented thru collant recovery system				
Radiator cap relief valve pressure			15+1 PSI				
Circulation thermostat	Type (choke, bypass)		Choke				
	Starts to open at (°F)		192°-198°				177°-183°
Water pump	Type (centrifugal, other)		Centrifugal				
	GPM pump rpm		20.4@2300	26 @ 1900			
	Number of pumps		One				
	Drive (V-belt, other)		V-belt				
	Bearing type		Permanently lubricated double row ball				
By-pass recirculation type (inter., ext.)			Internal				
Radiator core type (cellular, tube and fin, other)			Tube and center				
Cooling system capacity	With heater (qt.)		14	17	18		
	Without heater (qt.)		13	16	17		
	Opt. equipment-specify (qt.)		14	18	18		
Water jackets full length of cyl. (yes, no)			Yes				
Water all around cylinder (yes, no)			Yes				
Radiator hose	Lower	Number and type (molded, straight)	One, molded				
		Inside diameter	1.75				
	Upper	Number and type (molded, straight)	One, molded				
		Inside diameter	1.50				
	By-pass	Number and type (molded, straight)	None				
		Inside diameter	None				
Fan	Number of blades & spacing		4-staggered				7-staggered
	Diameter		17.62	18.00			18.00
	Ratio-fan to crankshaft rev.		1.165:1	.949:1			.949:1
	Fan cutout type		None				Flex-blade
	Bearing type		Double row ball				
*Drive belts (indicate belt used by letter)	Fan		A I	C			F
	Generator or alternator		A I	C			F
	Water Pump		A I	C			F
	Power Steering		B	D			G
	Air Conditioning		--	E			H
	Air Injection		I	C			F

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	←					38°-42°			→		
Nominal length (SAE)	37.30	48.50	47.00	36.00	54.50	46.50	35.00	55.25	51.50		
Width	←					.380			→		

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL

VEHICLE EMISSION CONTROL

Exhaust Emission Control	Type (Air injection, engine modifications, other)			Air injection
	Air Injection Pump	Type		Semi-articulated vane type
		Displacement		19.3 cubic inch
		Drive ratio		1.15:1
		Drive type		Crankshaft pulley
		Relief valve (type)		Poppet in diverter valve
		Filter (describe)		Centrifugal air cleaner
	Air Injection System	Air distribution (head, manifold, etc.)		Separate manifold
		Point of entry		Exhaust ports
		Injection tube i.d.		.2565
		Check valve type		Pressure plate type
		Backfire protection (type)		Diverter valve
Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Standard	Induction system
			Optional	---
	Control Unit	Make and model		AC Spark Plug - 6484603 (L6); 6484541 (V8)
		Location		Rocker cover - top rear L6 and left front V8
		Energy source (manifold vacuum, carburetor, other)		Manifold vacuum
		Control method (variable orifice, fixed orifice, other)		Variable orifice
	Complete system	Discharges (to intake manifold, other)		Intake manifold
		Air inlet (breather cap, other)		Carburetor air cleaner
		Flame arrestor (screen, other)		Screen
Evaporative Emission Control	Fuel Tank	Refill Capacity (U.S. gallons)		18 Approximately
		Thermal expansion volume (cu. ft.)		Approximately 10% of refill capacity
		Pressure relief location (lbs.)		1.1 PSI
		Vacuum relief location (lbs.)		.3 PSI
		Vapor-liquid separator type		Vapor vent pipe to stand pipe system
		Vapor vented to (crankcase, cannister, other)		Canister

	Carburetor	Vapor vented to (crankcase, cannister, other)		No vents
				---
	Vapor Storage	Storage provision (crankcase, cannister, other)		Canister
		Volume (cu. ft.) or capacity (grams)		Approximately 50 grams storage capacity
		Control valve type		Vacuum controlled staged purge valve

AMA Specifications Form—Passenger Car

Page 13

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

ELECTRICAL – SUPPLY SYSTEM

			L6-250 Standard	V8-307 Standard	V8-350 L65	V8-350 L48	V8-350 Z28
Battery	Make and Model		Delco-Remy 1980141	Delco-Remy 1980145			
	Voltage Rtg. & Total Plates		12 volts - 54 plates	12 volts - 66 plates			
	Cranking power		2300 Watts @ 0°F	2900 Watts @ 0°F			
	Location		Right side of engine compartment				
	Terminal grounded		Negative				
Generator or Alternator	Make		Delco-Remy				
	Model		1100497	1100934			
	Type and rating		Diode rectified - 37 amps				
	Output at engine idle (neutral)		13 amps				
	Ratio–Gen. to Cr/s rev.		2.73:1				2.15:1
Regulator	Make		Delco-Remy				
	Model		1119515				
	Type		Micro circuit unit; integral with alternator				
	Cutout relay	Closing voltage @ generator rpm					
		Reverse current to open					
	Regulated	Voltage	13.8-14.8 @ 85°F				
		Current	---				
	Voltage test conditions	Temperature	Operating				
		Load	3-8 amperes				
		Other	None				

ELECTRICAL – STARTING SYSTEM

Starting Motor	Make			Delco-Remy			
	Model			1108365	1108367	1108418	
	Rotation (drive end view)			Clockwise			
Motor control	Switch (solenoid, manual)			Solenoid			
	Starting procedure			Manual - Place gearshift lever in neutral & depress clutch Automatic - Place control lever in N or P position. Initial Start - Press accelerator to floor & release. Turn ignition to START, release as soon as engine starts.			
Motor Drive	Engagement type			Positive shift solenoid			
	Pinion meshes (front, rear)			Rear			
	Number of teeth	Pinion		9			
		Flywheel	Manual	153			
			Auto.	153			
	Flywheel tooth face width		Manual	.4010-.4130			
			Auto.	.4010-.4130			

AMA Specifications Form—Passenger Car

Page 14

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL	L6-250 Standard	V8-307 Standard	L65	V8-350 L48	Z28

ELECTRICAL – IGNITION SYSTEM – DISTRIBUTOR

Breaker gap (in.)		.019				
Cam angle (deg.)		31-34	29-31			
Brkr. arm tension (oz.)		19-23				
Distributor	Manual	1110499	1112227	1112168	1112093	1112148
	Automatic	1110499	1112102	1112168	1112094	1112148
Timing	Manual	6°BTC@700	4°BTC@900	8°BTC@900	8°BTC@900	8°BTC@900
	Automatic	6°BTC@600	8°BTC@600	8°BTC@600	12°BTC@600	8°BTC@700

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Max.	Start	Max.
1110499	1100	--	21 @ 4200	6.00	22 @ 14
1112093	1100	11 @ 2400	18 @ 4200	6.00	15 @ 13
1112094	1200	--	14 @ 4200	6.00	15 @ 14
1112102	1000	--	20 @ 4200	6.00	15 @ 12
1112148	1200	12 @ 2200	20 @ 5000	6.00	15 @ 12.5
1112168	1000	12 @ 3000	18 @ 4200	4.00	16 @ 7
1112227	1000	--	20 @ 4200	6.00	20 @ 15.5

AMA Specifications Form—Passenger Car

Page 16

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL	L6-250 Standard	V8-307 L14	V8-350 L65&L48	V8-350 L65 & L48	V8-350 Z28

DRIVE UNITS – CLUTCH (Manual Transmission)

Make & type		Chevrolet Single dry disc		Chevrolet, single dry disc centrifugal	
Type pressure plate springs		Diaphragm		Diaphragm, bent finger design	
Total spring load (lb.)		1650-1850	1900-2200	2100-2300	2450-2750
No. of clutch driven discs		One			
Clutch facing	Material	Woven type asbestos			
	Outside & inside dia.	9.12x6.12	10.34 x 6.50		11.00 x 6.50
	Total eff. area (sq.in.)	71.82	101.54		123.70
	Thickness	.135			
	Engagement cushioning method	Flat spring steel between facings			
Release bearing	Type & method of lubrication	Simple row ball, packed and sealed			
Torsional damping	Methods: springs, friction material	Coil springs			

DRIVE UNITS – TRANSMISSIONS

Manual 3-speed (std., opt. N.A.)	Standard		Not available
Manual 4-speed (std., opt. N.A.)	Not available	Optional	Standard
Automatic (std., opt. N.A.)	Optional		

DRIVE UNITS – MANUAL TRANS.

Number of forward speeds		3		4		
Transmission ratios	In first	2.85	2.54	2.54	2.52	2.20
	In second	1.68	1.50	1.80	1.88	1.64
	In third	1.00	1.00	1.44	1.46	1.27
	In fourth	-	-	1.00	1.00	1.00
	In reverse	2.95	2.63	2.54	2.59	2.26
Synchronous meshing, specify gears		All forward gears				
Shift lever location		Floor mounted				
Lubricant	Capacity (pt.)	3				
	Type recommended	Meeting military specs. MIL-L-2105B				
	SAE viscosity number – Summer	SAE 80				
	SAE viscosity number – Winter	SAE 80				
	SAE viscosity number – Extreme cold	SAE 80				

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL			L6-250 Standard	V8-307 L14	V8-350 L65	V8-350 L48	V8-350 Z28
ELECTRICAL – IGNITION SYSTEM							
Type	Conventional – Std., Opt., N.A.		Standard				
	Transistorized – Std., Opt., N.A.		Not available				
	Other (specify)		None				
Coil	Make		Delco-Remy				
	Model		1115208	1115293			1115298
	Amps	Engine stopped	4.0				
		Engine idling	1.8				
Spark Plug	Make		AC Spark Plug				
	Model		ACR46T	AC R44T			
	Thread (mm)		14				
	Tightening torque (lb. ft.)		15				
	Gap		.033-.038				
Cable	Conductor type		Linen core impregnated with electrical conducting matl.				
	Insulation type		Rubber with Neoprene jacket				
	Spark plug protector		Neoprene				

ELECTRICAL – SUPPRESSION

Locations & type	Non-metallic high tension ignition cables

ELECTRICAL – INSTRUMENTS AND EQUIPMENT

Speed-ometer	Type	Dial, with pointer
	Trip odometer (std. opt., N.A.)	No
Charge indicator – type		Tell-tale
Temperature indicator – type		Tell-tale
Oil pressure indicator – type		Tell-tale
Fuel indicator – type		Electric gauge
Wind-shield wiper	Type – Standard	Electric, two-speed
	Type – Optional	None
Wind-shield washer	Type – Standard	Push Button
	Type – Optional	None
Horn	Type	Vibrator
	Number used	One (low note)
	Amp draw (each)	4.5-6.5 @ 12.5 V
Other		Parking brake, parking brake warning light and brake failure warning light

AMA Specifications Form—Passenger Car

Page 18

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL

DRIVE UNITS – PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		---
Slip Yoke	Type		Yoke
	Number of teeth		27 exc. Z28 350 CID engine - 32
	Spline O.D.		1.502
Universal joints	Make and Mfg. No.		Chevrolet 1285 & 1315
	Number used		Two
	Type (ball and trunnion, cross)		Cross
	Rear attach. (u-bolt, clamp, etc.)		U-bolt
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubric. (fitting, prepack)	Pre-pack
Drive taken through (torque tube or arms, springs)			Springs
Torque taken through (torque tube or arms, springs)			Springs

DRIVE UNITS – AXLE

Type (front, rear)			Rear
Description			Semi-floating axle shafts, overhung hypoid drive pinion and ring gear
Limited Slip differential, type			Dual disc clutches
Drive Pinion Offset			1.75
No. of differential pinions			Two
Pinion adjustment (shim, other)			None
Pinion bearing adj. (shim, other)			Shim
Wheel bearing type			Single row cylindrical roller
Lubricant	Capacity (pt.)		4.25
	Type recommended		Meeting Military Specs. MIL-L-2105B
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio		2.73	3.08	3.42	3.73
No. of teeth	Pinion	15	13	12	11
	Ring gear	41	40	41	41
Ring Gear O.D.		8.50			

AMA Specifications Form—Passenger Car

Page 17

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

DRIVE UNITS – AUTOMATIC TRANSMISSION

MODEL		L6-250	3-Speed Automatic V8-350 L65 & L48	V8-350 Z28
Trade name		Turbo Hydra-Matic		
Type describe		Torque converter with planetary gears		
Selector location		On column - Floor mounted in console, optional		
List gear ratios Selector Pattern and indicate which are used in each selector position		P-Park R-1.93 N-Neutral D-2.52-1.52-1.00 L2-2.52-1.52 L1 - 2.52		P-Park R-2.08 N-Neutral D-2.48-1.48-1.00 L2 - 2.48-1.48 L1 - 2.48
Max. upshift speed–drive range				
Max. kickdown speed–drive range				
Torque convertor	Number of elements	3		
	Max. ratio at stall	2.10		
	Type of cooling (air, liquid)	Water		
	Nominal diameter	11.75	11.75	12.20
Lubricant	Capacity–refill (pt.)	8		9
	Type recommended	A suffix A		
Special transmission features				

DRIVE UNITS – PROPELLER SHAFT

Number used		One
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube
Outer diam. x length* x wall thickness	Manual 3-speed trans.	2.75 x 48.55 x .065
	Manual 4-speed trans.	V8-350 2.75 x 48.10 x 0.65
	Overdrive transmission	Not availble
	Automatic transmission	Same as 4-speed

* Center to center of universal joints, or to centerline of rear attachment.

(Continued)

AMA Specifications Form—Passenger Car

Page 19

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL	Base	Type LT	Z28

DRIVE UNITS — TIRES AND WHEELS (STANDARD)

TIRES	Size, load range, ply		E78x14B (2 + 2)	E78x14B (2 + 2)	F60x15B (2 + 2)
	Type (bias, radial, etc.)		Bias belted		
	Normal max. load inflation pressure (cold)	Front **	24		
		Rear **	26		
	Rev./mile @ 45 mph		796	796	801
WHEELS	Type & material		Short spoke disc; steel		
	Rim (size & flange type)		14 x 6	14 x 7 Rally	15 x 7 (Trans Am)
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	4.75		
		Number & size	5 hex nuts 7/16-20 UNF-2B		
	Spare wheel (same or other)		Same		

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

* White lettering

Size, load range, ply		F70x14B		--
Type (bias, radial, etc.)		Bias belted		--
Normal max. load inflation pressure (cold)	Front **	24		--
	Rear **	26		--
Rev./mile @ 45 mph		787		--
Wheel type & material		14x7 Rally or GT	14x7 GT	--
Rim (size & flange type)		Short spoke disc; steel		

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

Size, load range, ply			
Type (bias, radial, etc.)			
Normal max. load inflation pressure (cold)	Front		
	Rear		
Rev./mile @ 45 mph			
Wheel type & material		Styled GT, Steel Rim with Urethane Cov	--
Rim (size & flange type)		14 x 7	--

BRAKES — PARKING

Type of control		Apply-Foot pedal; Release-"T" handle
Location of control		Left of steering column under instrument panel
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--

** Full rated pressures shown; selected tire pressures are contingent on weight of vehicle.

AMA Specifications Form—Passenger Car

Page 20

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL

BRAKES – SERVICE

Type (drum) or (disc & no. of pistons)					Disc-front; Drum-rear (a)
Self adjusting (std., opt., N.A.)					Standard
Special Valving	Type (proportion, delay, metering, other)				Metering and proportioning
Power brake make & type (remote, int., etc.)		Std.			---
		Opt.			Delco-Moraine vacuum power unit; integral
Effective area (sq. in.) *					101.9
Gross lining area (sq. in.) **					118.1
Swept area (sq. in.) ***					337.3
Effectiveness		Front			---
		Rear			
Drum	Diameter (nominal)	Front			---
		Rear			9.5
	Type and material				Composite, cast iron rim, steel web
Rotor	Outer working diameter				11.0
	Inner working diameter				7.18
	Thickness				1.03
	Material & type (vented/solid)				Cast iron, vented
Wheel cylinder bore	Front				2.9375
	Rear				0.875
Master Cylinder	Bore				Manual 1.00 Power 1.25
	Stroke				Manual 1.41 Power 1.34
Pedal arc ratio					Manual 5.30:1 Power 3.92:1
Line pressure at 100 lb. pedal load					700
Shoe Clearance	Front				Self-adjusting
	Rear				Self-adjusting
Anti-skid device type (std., opt., N.A.)					N.A.
Brake lining	Bonded or riveted				Disc-riveted; Drum-bonded
	Front Wheel	Material			Molded asbestos
		Size (length x width x thickness)	Prim. or outboard		5.40 x 1.93 x 0.46
			Second. or inboard		5.40 x 1.93 x 0.46
		Segments per shoe			One
	Rear Wheel	Material			Molded Asbestos
		Size (length x width x thickness)	Prim. or outboard		9.01 x 2.0 x 0.21
			Second. or inboard		9.75 x 2.0 x 0.24
		Segments per shoe			One

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.
*** Total swept area for four brakes. (Widest lining contact width for each brake x its contact circumference.)

(a) Drum-single piston, duo-service; Disc-single piston, floating caliper

AMA Specifications Form—Passenger Car

Page 21

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL

STEERING

Manual (std., opt., NA)				Standard, energy absorbing steering column
Power (std., opt., NA)				Optional
Adjustable steering wheel (tilt, swing, other)		Type and description		Tilt; universally jointed steering shaft at base of steering wheel; 5 inch vertical travel range
		(std., opt., NA)		Optional
Wheel diameter		Manual		4-spoke splayed (14.25 x 14.75)
		Power		Same as manual
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)		Manual 40.2 Power 40.7
		Curb to curb (l. & r.)		Manual 38.0 Power 38.5
	Inside rear	Wall to wall (l. & r.)		---
		Curb to curb (l. & r.)		---
Manual	Gear	Type		Semi-reversible, recirculating ball stud
		Make		Saginaw Steering
		Ratios	Gear	28.0
			Overall	33.0:1
	No. wheel turns (stop to stop)			6.27
Power	Type (coaxial, linkage, etc.)			Integral gear and power piston with vane type pump
	Make			Saginaw Steering
	Gear	Type		Same as manual
		Ratios	Gear	16.0:1 - 13.0:1
			Overall	15.0:1 - 11.3:1
	Pump driven by			Crankshaft pulley
	No. wheel turns (stop to stop)			2.41
Linkage	Type			Parallelogram
	Location (front or rear of wheels, other)			Front
	Drag link (trans. or longit.)			None
	Tie rods (one or two)			Two
Steering Axis	Inclination at camber (deg.)			10.35 @ 1°
	Bearings (type)	Upper		Ball stud with non-metallic bearings
		Lower		Ball stud with non-metallic and sintered iron bearings
		Thrust		None
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)			Base N1 to P1; Z28 N2 to 0
	Camber (deg.)			Base P 1/4 to P1-3/4; Z28 N1-1/2 to 0
	Toe-in (outside track inches)			1/16 to 5/16
Steering spindle & joint type				Steering knuckle with spherical joints
Wheel Spindle	Diameter	Inner bearing		1.2493-1.2498
		Outer bearing		.7492-.7[illegible]
	Thread size			3/4-20 UNEF-[illegible] (modified)
	Bearing type			Tapered roller

AMA Specifications Form—Passenger Car

Page 22

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

MODEL

SUSPENSION – GENERAL

(See Supplement page for details on Air Suspension)

Provision for car leveling		Front stabilizer bar
Provision for brake dip control		Front suspension geometry
Provision for acc. squat control		Rear suspension geometry
Special provisions for car jacking		Front: 3-3/4 inch inboard of bumper bolt Rear: 2-1/2 inch inboard of bumper bolt
Shock absorber front & rear	Type	Direct double acting hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features		

SUSPENSION – FRONT

Type and description		Independent: SLA type with coil springs and Concentric shock absorber and spherically jointed steering knuckle for each wheel.
Spring	Type	Coil
	Material	Steel alloy
	Size (coil design height & I.D.; bar length x dia.)	11.0 x 4.05; 116.10 x 0.617 (a)
	Spring rate (lb. per in.)	300 (a)
	Rate at wheel (lb. per in.)	102.7 (a)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; Base-15/16"; F41 Option-1.00"

SUSPENSION – REAR

Type and description			Salisbury rear axle with multiple leaf springs
Drive and torque taken through			Rear spring
Spring	Type		Multiple leaf
	Material		Chrome carbon steel
	Size (length x width, coil design height & I.D.; bar length & dia.)		56.0 x 2.50 (a)
	Spring rate (lb. per in.)		90 (a)
	Rate at wheel (lb. per in.)		100 (a)
	Mounting insulation type		Rubber bushed at shackle and hanger
	if leaf	No. of leaves	Base model - 5
		Shackle (comp. or tens.)	Compression
Stabilizer	Type (link, linkless, frameless)		Link
	Material & bar diameter		Steel
Track bar type			None

(a) For base equipped model 1FQ87. Springs for all models computer selected by size and rate according to vehicle weight including optional equipment.

AMA Specifications Form—Passenger Car

Page 23

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

MODEL

FRAME

Type and description (Separate frame, unitized frame, partially - unitized frame)	Body-frame integral with separate partial frame

BODY – MISCELLANEOUS INFORMATION

Drs. hinged (front, rr.)	Front doors	Front
	Rear doors	None
Type of finish (lacquer, enamel, other)		Acrylic lacquer
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle Indent. No. location		Top left hand of instrument and panel pad
Engine No. location		Top front of RH bank of cylinder case
Theft protection - type		Lock, mounted on steering column; locks steering wheel, transmission shift lever and ignition
Vent window control method (crank, friction pivot)	Front	None
	Rear	None
Seat cushion type	Front	Formed foam pad
	Rear	Formed foam pad
	3rd seat	--
Seat back type	Front	Formed foam pad
	Rear	Formed foam pad
	3rd seat	--
Windshield glass type (i.e., single curved - laminated plate)		Single curved, laminated plate
Side glass type (i.e., curved - tempered plate)		Curved, tempered plate
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Single curved, tempered plate
Windshield glass exposed surface area		1137.6
Side glass exposed surface area		1089.4
Backlight glass exposed surface area		1099.2
Total glass exposed surface area		3326.2

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

CONVENIENCE EQUIPMENT

(Indicate whether standard, optional or NA on each series)

Power windows	Side windows	N.A.
	Vent windows	N.A.
	Backlight or tailgate	N.A.
Power seats (specify type as well as availability)		N.A.
Reclining front seat back (R-L or both)		N.A.
Front seat head restrainer (R-L or both)		Standard
Radios (specify type as well as availability)		Optional AM Push-button, AM-FM Push-button
Rear seat speaker		Optional
Power antenna		N.A.
Clock		Standard 1FS87 - Optional 1FQ87
Air conditioner (specify type and availability)		Optional-Four season, Manual control
Speed warning device		N.A.
Speed control device		N.A.
Ignition lock lamp		N.A.
Dome lamp		Standard
Glove compartment lamp		Standard 1FS87 - Optional 1FQ87
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Optional
Map lamp		N.A.
Auto. trans. quad. lamp		Standard
Cornering light lamp		N.A.
Rear window defroster electrically heated		N.A.
Rear window defogger		Optional
Windshield Antenna		Available with factory installed radio, and with tinted windshield glass.

LAMP HEIGHT AND SPACING

Height above ground to center of bulb	Headlamp (H125)	Highest *	26.3
		Lowest	--
	Tail (H126)	Highest	22.1
		Lowest	--
	Sidemarker	Front	24.0
		Rear	19.75
Distance from C/L of car to center of bulb	Headlamp	Inside	--
		Outside *	27.9
	Tail	Inside	--
		Outside	25.25
	Directional	Front	24.25
		Rear	25.25

* If single headlamps are used enter here.

AMA Specifications Form—Passenger Car

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

VEHICLE WEIGHTS

Model	CURB WEIGHT* (Pounds) Front	Rear	Total	% PASS. WEIGHT DISTRIBUTION Pass. In Front Front	Pass. In Front Rear	Pass. In Rear Front	Pass. In Rear Rear	SHIPPING WEIGHT** (Pounds) Total
STANDARD (a)								
2-Door Sport Coupe 1FQ87	1798	1407	3205	40.7	59.3	15.3	84.7	3119
TYPE LT (b)								
2-Door Sport Coupe 1FS87	1975	1460	3435	40.7	59.3	15.3	84.7	3349

(a) L6-250 cu. in. engine

(b) V8-350 cu. in. 165 HP engine

*Reference – SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).

**Shipping weight definition – Weight of base Vehicle with regular equipment, including grease oil and (4) gallons of gasoline, and engine coolant to capacity.

AMA Specifications Form—Passenger Car

Page 26

MAKE OF CAR CAMARO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

OPTIONAL EQUIPMENT WEIGHTS

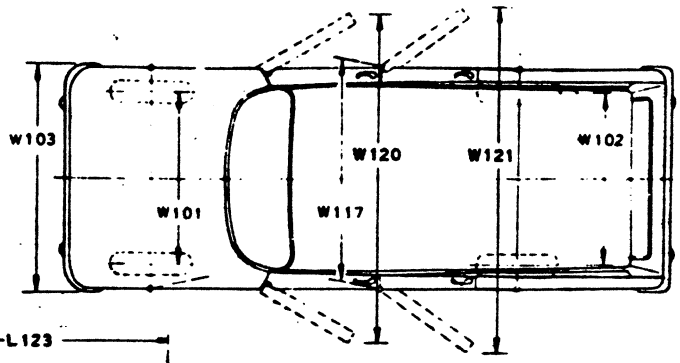
Equipment Differential Weights	WEIGHT (Pounds) Front	Rear	Total	Remarks
Air Conditioning	+ 88	+ 14	+102	With L14 and L65
	+ 93	+ 15	+108	With L48 and Z28
Front & Rear Floor Mats	+ 5	+ 5	+ 10	
Exterior Soft Roof Cover	+ 2	+ 3	+ 5	
Floor Console	+ 9	+ 3	+ 12	With 3-speed transmission
	+ 9	+ 3	+ 12	With 4-speed transmission
	+ 14	+ 4	+ 18	With Automatic Transmission
Power Brakes	+ 10	+ 1	+ 11	
Spec. Perf. Frt&Rr Susp.	+ 2	+ 8	+ 10	With L14, L48, L65
	+ 2	+ 10	+ 12	With Z28
Spec. Whl. Hub Cap&Trim	+ 11	+ 15	+ 26	
Turbine I wheels 14x7				
(Urethane styled steel	+ 16	+ 24	+ 40	Not available with Z28 Perf. Pkg.
Radio AM Push Button	+ 5	+ 2	+ 7	
Radio AM/FM Push Button	+ .6	+ .2	+ 8	
Combined Interior-Decor	+ 7	+ 11	+ 18	
Quiet sound group				
Rally sport package	+ 17	- 2	+ 15	
350 cu. in. L65	+115	+ 14	+129	1FQ87
350 cu. in. L48	+122	+ 40	+162	1FQ87
350 cu. in. L48	+ 7	+ 26	+ 33	1FS87
350 cu. in. Z28	+140	+ 52	+192	1FQ87
350 cu. in. Z28	+ 25	+ 38	+ 63	1FS87
4-Speed transmission	+ 4	+ 2	+ 6	Used with L65 and L48
	- 3	- 1	- 4	Used with Z28
Turbo Hydra-Matic	+ 15	+ 8	+ 23	Used with L65 and L48
	+ 29	+ 16	+ 45	Used with Z28

AMA Specifications Form—Passenger Car

CAR AND BODY DIMENSIONS

KEY SHEET

EXTERIOR CAR AND BODY DIMENSIONS



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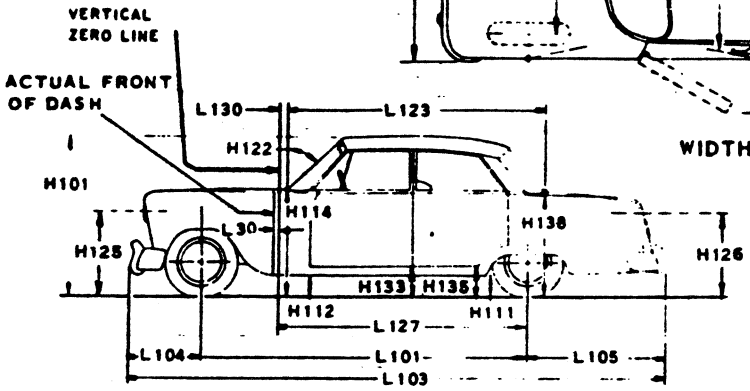
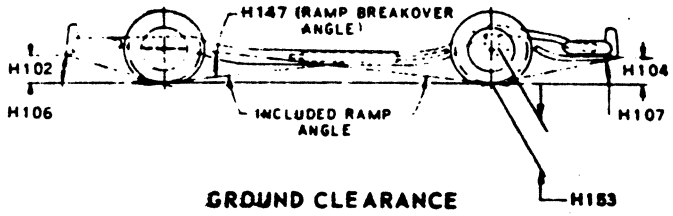
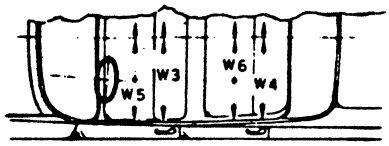


LENGTH & HEIGHT



GROUND CLEARANCE

INTERIOR CAR AND BODY DIMENSIONS



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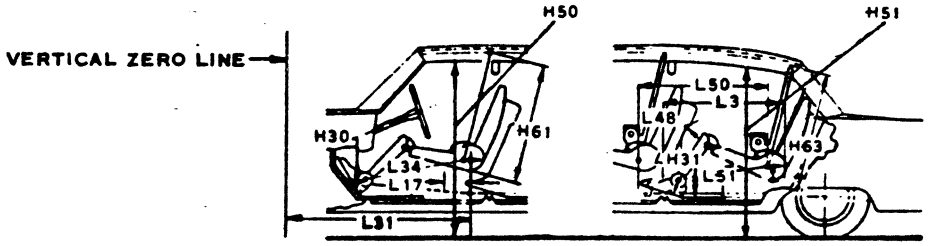
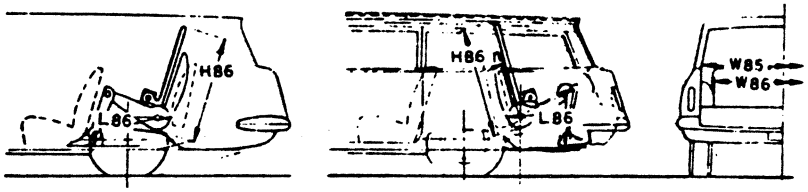
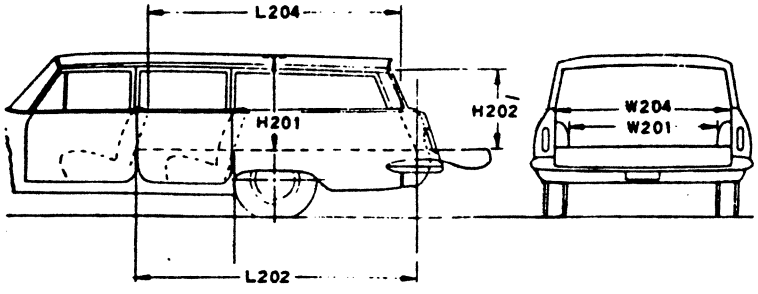


FRONT COMPT. REAR COMPT.



THIRD SEAT



CARGO SPACE

AMA Specifications Form—Passenger Car

EXTERIOR CAR AND BODY DIMENSIONS
KEY SHEET
DIMENSION DEFINITIONS

WIDTH DIMENSIONS.

W101 WHEEL TREAD – FRONT. Measured at centerline of tires, with nominal camber, at ground.

W102 WHEEL TREAD – REAR. Measured at centerline of tires at ground.

W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.

W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN is measured to outside of sheet metal with front doors in maximum hold-open position.

W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN is measured in same manner as W120.

LENGTH DIMENSIONS.

L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (–) sign.

L101 WHEELBASE.

L103 OVERALL LENGTH. Include bumper guards if standard equipment.

L104 OVERHANG – FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.

L105 OVERHANG – REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.

L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.

L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.

130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

HEIGHT DIMENSIONS

H101 OVERALL HEIGHT – DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.

H114 COWL POINT TO GROUND. Measured at vehicle centerline.

H138 DECK POINT TO GROUND. Measured at vehicle centerline.

H112 ROCKER PANEL TO GROUND – FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.

H133 BOTTOM OF DOOR TO GROUND, CLOSED – FRONT is the same point on the door as H132 dimension, with door closed.

H111 ROCKER PANEL TO GROUND – REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.

H135 BOTTOM OF DOOR TO GROUND, CLOSED – REAR is measured in same manner as H133.

H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.

H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.

H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

GROUND CLEARANCE DIMENSIONS

H102 BUMPER TO GROUND – FRONT. Minimum dimension, includes bumper guards.

H104 BUMPER TO GROUND – REAR. Minimum dimension, includes bumper guards.

H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.

H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.

H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference; measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.

H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND is a minimum clearance.

H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

AMA Specifications Form—Passenger Car

Page 29

INTERIOR CAR AND BODY DIMENSIONS
KEY SHEET
DIMENSION DEFINITIONS

FRONT COMPARTMENT DIMENSIONS

L31 H POINT TO VERTICAL ZERO LINE – FRONT is a horizontal dimension.

H61 EFFECTIVE HEAD ROOM – FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.

L34 MAXIMUM EFFECTIVE LEG ROOM–ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.

H30 H POINT TO HEEL POINT – FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.

L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

W3 SHOULDER ROOM – FRONT. The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.

W5 HIP ROOM – FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.

H50 UPPER BODY OPENING TO GROUND – FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.

REAR COMPARTMENT DIMENSIONS

L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.

H63 EFFECTIVE HEAD ROOM – REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.

L51 MINIMUM EFFECTIVE LEG ROOM – REAR. Measured along a diagonal line from the ankle pivot center to the H Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.

H31 H POINT TO HEEL POINT – REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.

L48 MINIMUM KNEE ROOM – REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.

L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.

W4 SHOULDER ROOM – REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.

W6 HIP ROOM – REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.

H51 UPPER BODY OPENING TO GROUND – REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

LUGGAGE COMPARTMENT DIMENSIONS

V1 LUGGAGE CAPACITY – USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.

H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

STATION WAGON – THIRD SEAT DIMENSIONS

W85 SHOULDER ROOM – THIRD SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.

W86 HIP ROOM – THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.

L86 EFFECTIVE LEG ROOM – THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.

H86 EFFECTIVE HEAD ROOM – THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

STATION WAGON – CARGO SPACE DIMENSIONS

L202 CARGO LENGTH AT FLOOR – FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.

L204 CARGO LENGTH AT BELT – FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of th tailgate, on the car centerline.

W201 CARGO WIDTH – WHEELHOUSE. The minimum h zontal dimension, measured between wheelhousing: floor level.

W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.

H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.

H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail-and liftgates fully open.

V2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

$$\frac{W4 \times L204 \times H201}{1728}$$

AMA Specifications Form—Passenger Car

INDEX

CAMARO

1973 MODELS WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles manufactured on or after December 4, 1972

Description	Model Number	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Sgt'd Retail Price★	Destination Charge & Group Number	Total
■ **6-Cylinder Turbo-Thrift 250 Engine—Engine Ordering Code L22**									
Sport Coupe—4-Passenger	**1FQ87**	108"	2361.81	2306.43	11.70	2769.00	2780.70	**11**	
■ **8-Cylinder Turbo-Fire 307 Engine—Engine Ordering Code L14**									
Sport Coupe—4-Passenger	**1FQ87**	108"	2439.33	2382.13	11.70	2860.00	2871.70	**11**	
■ **8-Cylinder Turbo-Fire 350-2 Engine—Engine Ordering Code L65**									
Type LT Coupe—4-Passenger	**1FS87**	108"	2777.12	2712.00	11.70	3256.00	3267.70	**11**	

★ Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, options or accessories
■ Available for registration in the State of California when California Emission Equipment is ordered.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
POWER TEAMS						
(See Power Teams Chart for availability and complete engine specifications)						
Engines: (Also see Z28 Special Performance Package)						
Turbo-Fire 350-2. V8 Sport Coupe models only. Standard on Type LT Coupe model	L65	20.28	19.76	N.C.	26.00	26.00
Turbo-Fire 350-4. V8 models only. Available only when power brakes are ordered.						
Sport Coupe models	L48	79.56	77.52	N.C.	102.00	102.00
Type LT Coupe model	L48	59.28	57.76	N.C.	76.00	76.00
Transmissions:						
Turbo Hydra-matic						
Without Z28 Special Performance Package	M40	172.20	168.00	N.C.	210.00	210.00
With Z28 Special Performance Package	M40	243.54	237.60	N.C.	297.00	297.00
4-Speed Wide-Range. Not available when Turbo-Thrift 250 or Turbo-Fire 307 engine is ordered	M20	164.00	160.00	N.C.	200.00	200.00
4-Speed Close-Ratio. Available only when Z28 Special Performance Package is ordered. Not available when air conditioning is ordered	M21	164.00	160.00	N.C.	200.00	200.00
Axle, Positraction Rear: Included when Z28 Special Performance Package is ordered	G80	35.10	34.20	N.C.	45.00	45.00
✓ **Trailer Towing Package:** V8 models with Turbo-Fire 307 engine or Turbo-Fire 350-2 engine and Turbo Hydra-matic transmission only. Includes HD radiator, extra cooling radiator fan and 3.42 ratio rear axle	ZJ4			*WILL ADVISE PRICE AND AVAILABILITY*		

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
§ D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.
◇ State and local taxes not included.

✓ **INDICATES CHANGE**

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
MODEL OPTIONS						
✓ **Z28 Special Performance Package:** V8 models with 4-speed or Turbo Hydra-matic transmission only. Not available when wheel covers or rally wheels are ordered. Air conditioning not available when 4-speed close-ratio transmission is ordered. Includes Turbo-Fire Special 350-4 engine with finned aluminum rocker covers and bright accents; increased cooling; power brakes; dual exhausts; black-finished grille; sport suspension; HD starter and clutch; 15" x 7" wheels with bright lug nuts, special center caps and trim rings; F60-15/B bias belted ply white lettered tires and Positraction rear axle with 3.73 ratio when air conditioning is not ordered or 3.42 ratio when air conditioning is ordered.						
Sport Coupe models only. Also includes Z28 emblems on grille and front fenders, Z28 decal on rear panel plus LH remote-control and RH manual sport mirrors	Z28	464.10	452.20	3.05	595.00	598.05
Type LT Coupe model only	Z28	389.22	379.24	3.05	499.00	502.05
Interior Decor/Quiet Sound Group: Standard on Type LT Coupe model. Includes glove compartment light and additional instrument cluster lighting; wood-grained accents on instrument cluster plus special engine compartment, hood and interior insulation	Z54	27.30	26.60	N.C.	35.00	35.00
Rally Sport: Includes special black-finished grille with special rubber tipped vertical center bar and resilient body color grille frame; independent LH and RH front bumpers replacing full-width bumper; license plate bracket mounted below RH bumper; parking lights with bright accents mounted on grille panel. Rally Sport emblems are deleted when Z28 Special Performance Package is ordered.						
Sport Coupe models only. Also includes Rally Sport front fender nameplates and Hide-A-Way windshield wipers	Z22	92.04	89.68	N.C.	118.00	118.00
Type LT Coupe model only	Z22	75.66	73.72	N.C.	97.00	97.00
Style Trim: Includes bright roof drip, lock pillar, upper fender, hood panel and belt moldings plus colored insert door handles; bright accented parking lights, taillights and back-up lights	Z21	43.68	42.56	N.C.	56.00	56.00
POWER ASSISTS						
Brakes, Power: Included when Z28 Special Performance Package is ordered	J50	35.88	34.96	N.C.	46.00	46.00
Steering, Power: Variable-Ratio. Standard on Type LT Coupe model	N40	88.14	85.88	N.C.	113.00	113.00
✓ **Windows, Power:** Available only when console is ordered	A31	58.50	57.00	N.C.	75.00	75.00

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✓ **INDICATES CHANGE**

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
OTHER OPTIONS						
Air Conditioning: *Four-Season.* V8 models only. Available only when power brakes are ordered. Not available when 4-speed close-ratio transmission is ordered. Includes 61-amp generator and HD radiator	C60	309.66	301.72	N.C.	397.00	397.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr	T60	11.70	11.40	N.C.	15.00	15.00
Belts, Color-Keyed Seat and Shoulder: Available only when chamois, green, neutral or saddle interior trim is specified. Includes color-keyed belts and plastic buckles only. (Standard plastic buckles and belts are black). *REPLACING STANDARD NUMBER OF BELTS;* 4 seat and 2 front shoulder	AK1	11.31	11.02	N.C.	14.50	14.50
California Emission Equipment: Dealer Note –Items shown below, priced as options indicated, must be ordered for vehicles destined for registration in the State of California. This equipment should be ordered by indicating option YF5, California Emission Certification Requirements, on the order form. Based on presence of the YF5 option, the applicable options detailed below will be added to the order, at prices shown, to insure that the vehicle conforms to State of California Registration requirements.						
California Emission Certification Label	VJ9	N.C.	N.C.	N.C.	N.C.	N.C.
California Assembly Line Emission Test	YA7	11.70	11.40	N.C.	15.00	15.00
Clock, Electric: Standard on Type LT Coupe model. Included when special instrumentation is ordered	U35	12.48	12.16	N.C.	16.00	16.00
Console: Includes floor-mounted shift lever when automatic transmission is ordered. Also includes rear seat courtesy and compartment lights	D55	44.46	43.32	N.C.	57.00	57.00
✓ **Cooling Equipment:** *Radiator, Heavy-Duty.* Included when air conditioning is ordered.						
Without Z28 Special Performance Package	V01	10.92	10.64	N.C.	14.00	14.00
With Z28 Special Performance Package. Also includes extra HD cooling features	V01	5.85	5.70	N.C.	7.50	7.50
Defogger, Rear Window: (Forced-Air)	C50	24.18	23.56	N.C.	31.00	31.00
Floor Covering:						
Carpeting, Accent Color						
Red. Available only when black vinyl or black/white cloth interior trim and red, silver or white exterior paint are ordered	75F	N.C.	N.C.	N.C.	N.C.	N.C.
Blue. Available only when black interior trim and blue, silver or white exterior paint are ordered	24F	N.C.	N.C.	N.C.	N.C.	N.C.
Mats, Color-Keyed Floor. 2 Front and 2 Rear	B37	9.36	9.12	N.C.	12.00	12.00
Glass, Soft-Ray Tinted: All windows	A01	30.42	29.64	N.C.	39.00	39.00
✓ **Horns, Dual**	U05	3.12	3.04	N.C.	4.00	4.00
Instrumentation, Special: V8 models only. Standard on Type LT Coupe model. Includes tachometer, ammeter and temperature gauge plus electric clock in instrument cluster and additional instrument cluster lighting	U14	63.96	62.32	N.C.	82.00	82.00
Lighting, Auxiliary: Includes ashtray, instrument courtesy, luggage compartment and underhood lights						
Sport Coupe models without Interior Decor/Quiet Sound Group. Also includes glove compartment light	ZJ9	13.65	13.30	N.C.	17.50	17.50
Sport Coupe models with Interior Decor/Quiet Sound Group or Type LT Coupe model	ZJ9	11.70	11.40	N.C.	15.00	15.00

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✓ **INDICATES CHANGE**

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
OTHER OPTIONS						
Mirrors:						
Sport. LH remote-control and RH manual sport mirrors. Standard on Type LT Coupe model. Included when Z28 Special Performance Package is ordered	D35	20.28	19.76	N.C.	26.00	26.00
Visor Vanity	D34	2.34	2.28	N.C.	3.00	3.00
Moldings:						
Body Side	B84	25.74	25.08	N.C.	33.00	33.00
Door Edge Guard	B93	4.68	4.56	N.C.	6.00	6.00
Paint, Exterior: *Solid*	...	N.C.	N.C.	N.C.	N.C.	N.C.
Radio Equipment: Pushbutton						
AM Radio	U63	50.70	49.40	N.C.	65.00	65.00
AM/FM Radio	U69	105.30	102.60	N.C.	135.00	135.00
Speaker, Rear Seat	U80	11.70	11.40	N.C.	15.00	15.00
Roof Cover, Vinyl: Includes bright roof drip molding. *See Interior and Exterior Color Selection Chart for solid exterior color availability and ordering information*	C08	67.86	66.12	N.C.	87.00	87.00
Seat Back, Adjustable: 2 positions. Driver's seat only	AN6	14.04	13.68	N.C.	18.00	18.00
Spare Tire, Space Saver:						
With E78-14 tires. Includes E78-14 blackwall tire on 14" x 5" wheel						
Without Turbine I wheels	N65	11.70	11.40	-0.84	15.00	14.16
With Turbine I wheels	N65	N.C.	N.C.	-0.84	N.C.	-0.84
With F70-14 tires. Includes F78-14 blackwall tire on 14" x 6" wheel						
Without Turbine I wheels	N65	11.70	11.40	-0.60	15.00	14.40
With Turbine I wheels	N65	N.C.	N.C.	-0.60	N.C.	-0.60
With Z28 Special Performance Package. Includes F78-14 blackwall tire on 14" x 6" wheel	N65	N.C.	N.C.	-0.60	N.C.	-0.60
Spoilers: *Front and Rear.* Includes front valance spoiler, rear deck and side panel spoiler. Front spoiler shipped loose for dealer installation	D80	60.06	58.52	N.C.	77.00	77.00
Steering Wheel: *Comfortilt*	N33	34.32	33.44	N.C.	44.00	44.00
Stripes, Sport: Available only when Z28 Special Performance Package is ordered. Not available on Type LT Coupe model. Includes hood and rear deck striping.						
Black. Not available when Midnight Blue or Midnight Green exterior paint is ordered	D88 /YF8	60.06	58.52	N.C.	77.00	77.00
White. Not available when white exterior paint is ordered	D88 /ZR8	60.06	58.52	N.C.	77.00	77.00
Suspension, Sport: V8 models only. Available only when F70-14/B tires are ordered. Included when Z28 Special Performance Package is ordered. Includes special front stabilizer; rear stabilizer and special front and rear shock absorbers	F41	23.40	22.80	N.C.	30.00	30.00
Wheel Trim: Not available when Z28 Special Performance Package is ordered.						
Bright Metal Wheel Covers. Not available on Type LT Coupe model	P01	20.28	19.76	N.C.	26.00	26.00
Turbine I Wheels. 14" x 7".						
Sport Coupe models only	PE1	86.19	83.98	N.C.	110.50	110.50
Type LT Coupe model	PE1	58.50	57.00	N.C.	75.00	75.00
Rally Wheels. Standard on Type LT Coupe model. Not available on V8 Sport Coupe models when E78-14/B tires are ordered. Includes special 14" x 7" wheels, hub caps and trim rings	ZJ7	34.32	33.44	N.C.	44.00	44.00
Wire Wheel Covers. Not available on Type LT Coupe model	N95	63.96	62.32	N.C.	82.00	82.00

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CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
OTHER OPTIONS						
Windshield Wipers, Hide-A-Way: Standard on Type LT Coupe model. Included when Rally Sport is ordered. Includes articulated LH blade	C24	16.38	15.96	N.C.	21.00	21.00
FACTORY INSTALLED REGULAR PRODUCTION TIRES						
Replaces (5) E78-14/B Bias Belted Ply Blackwall (All models without Z28 Special Performance Package)						
(5) E78-14/B Bias Belted Ply White Stripe						
Without space saver spare tire	QEH	21.84	21.28	N.C.	28.00	28.00
With space saver spare tire	QEH	17.47	17.02	N.C.	22.40	22.40
(5) F70-14/B Bias Belted Ply White Stripe. V8 models only. Includes 14" x 7" wheels.						
Type LT Coupe model only						
Without space saver spare tire	QFC	49.53	48.26	1.50	63.50	65.00
With space saver spare tire	QFC	38.84	37.85	1.20	49.80	51.00
Sport Coupe models only.						
Without space saver spare tire	QFC	53.43	52.06	1.50	68.50	70.00
With space saver spare tire	QFC	42.74	41.65	1.20	54.80	56.00
(5) F70-14/B Bias Belted Ply White Lettered. V8 models only. Includes 14" x 7" wheels.						
Type LT Coupe model only						
Without space saver spare tire	QFD	59.67	58.14	1.50	76.50	78.00
With space saver spare tire	QFD	46.96	45.75	1.20	60.20	61.40
Sport Coupe models.						
Without space saver spare tire	QFD	63.57	61.94	1.50	81.50	83.00
With space saver spare tire	QFD	50.86	49.55	1.20	65.20	66.40

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◇ State and local taxes not included.

CAMARO POWER TEAMS
EXCEPT TYPE LT COUPE MODEL

ENGINE, TRANSMISSION AND REAR AXLE COMBINATIONS

(Engine horsepower ratings are reflected at "net" horsepower)

ENGINES		TRANSMISSIONS	SHIFT LEVER LOCATION		REAR AXLE RATIOS★		
Option Number and Model Application	Description	Type (Std or Optional)	Without Console	With Optional Console	Std	Optional	
						Perf	Trailer Towing Package
STANDARD ENGINES							
■ **Standard Six-Cylinder Engine Ordering Code L22**	**100-hp Turbo-Thrift 250 6-Cylinder** 250-cu-in displacement Single barrel carburetor 8.25:1 compression ratio Hydraulic valve lifters Single exhaust	**3-Speed (Std)—MC3**	Floor With Boot	In Console	3.08	—	—
		Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	2.73	—	—
■ **Standard Eight-Cylinder Engine Ordering Code L14**	**115-hp Turbo-Fire 307 8-Cylinder** 307-cu-in displacement 2-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	**3-Speed (Std)—MC3**	Floor With Boot	In Console	3.08	—	—
		Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	2.73	—	3.42
OPTIONAL ENGINES							
■ **Option L65**	**145-hp Turbo-Fire 350—2 8-Cylinder** 350-cu-in displacement 2-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	**3-Speed (Std)—MC3**	Floor With Boot	In Console	3.08	—	—
		Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	2.73	—	3.42
		4-Speed Wide-Range—M20	Floor With Boot	In Console	3.08	—	—
■ **Option L48**	**175-hp Turbo-Fire 350—4 8-Cylinder** 350-cu-in displacement 4-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Dual exhausts	**3-Speed (Std)—MC3**	Floor With Boot	In Console	3.42	—	—
		Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	3.08	—	—
		4-Speed Wide-Range—M20	Floor With Boot	In Console	3.42	—	—
■ **Option Z28**	**245-hp Turbo-Fire Special 350—4 8-Cylinder** 350-cu-in displacement 4-barrel carburetor 9.0:1 compression ratio Hydraulic valve lifters Dual exhausts	**Turbo Hydra-matic—M40**	Column	In Console w/Floor Shift	3.73◆	—	
		4-Speed Wide-Range—M20	Floor With Boot	In Console	3.73◆	—	
		4-Speed Close-Ratio—M21 Not available with air conditioning	Floor With Boot	In Console	3.73	—	—

★ All ratios available as Positraction *(3.73 available as Positraction only).*
■ Available for registration in the State of California when California Emission Equipment is ordered.
◆ 3.42 ratio included when air conditioning is ordered.

CAMARO POWER TEAMS
TYPE LT COUPE MODEL

ENGINE, TRANSMISSION AND REAR AXLE COMBINATIONS

(Engine horsepower ratings are reflected at "net" horsepower)

ENGINES		TRANSMISSIONS	SHIFT LEVER LOCATION		REAR AXLE RATIOS★		
Option Number and Model Application	Description	Type (Std or Optional)	Without Console	With Optional Console	Std	Optional	
						Perf	Trailer Towing Package
STANDARD ENGINE							
■ **Standard Eight-Cylinder Engine Ordering Code L65**	**145-hp Turbo-Fire 350-2 8-Cylinder** 350-cu-in displacement 2-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	**3-Speed (Std)—MC3**	Floor With Boot	In Console	3.08	—	—
		Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	2.73	—	3.42
		4-Speed Wide-Range—M20	Floor With Boot	In Console	3.08	—	—
OPTIONAL ENGINES							
■ **Option L48**	**175-hp Turbo-Fire 350-4 8-Cylinder** 350-cu-in displacement 4-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Dual exhaust	**3-Speed (Std)—MC3**	Floor With Boot	In Console	3.42	—	—
		Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	3.08	—	—
		4-Speed Wide-Range—M20	Floor With Boot	In Console	3.42	—	—
■ **Option Z28**	**245-hp Turbo-Fire Special 350-4 8-Cylinder** 350-cu-in displacement 4-barrel carburetor 9.0:1 compression ratio Hydraulic valve lifters Dual exhausts	**Turbo Hydra-matic—M40**	Column	In Console w/Floor Shift	3.73♦	—	—
		4-Speed Wide-Range—M20	Floor With Boot	In Console	3.73♦	—	—
		4-Speed Close-Ratio—M21 Not available with air conditioning	Floor With Boot	In Console	3.73	—	—

★ All ratios available as Positraction *(3.73 available as Positraction only).*

■ Available for registration in the State of California when California Emission Equipment is ordered.

♦ 3.42 ratio included when air conditioning is ordered.

CAMARO

INTERIOR AND EXTERIOR SELECTION CHART

PLEASE NOTE: *The exterior and interior combinations for solid color paint shown in the chart below have been established as the combinations that would be attractive to the average customer. Orders for non-recommended solid color exterior and interior trim combinations may be submitted, provided the dealer initials the appropriate order form block as verification that the requested combination is definitely desired.*

This procedure does not apply to orders that specify a vinyl roof cover as combinations shown are the only combinations that have been approved.

VINYL ROOF	CODE	SOLID EXTERIOR COLOR AVAILABILITY
Black	BB	All Exterior Colors.
✓ Blue (Medium)	DD	Blue or White Exterior Colors only.
Chamois	FF	Chamois or White Exterior Colors only.
Green (Medium)	GG	Light Green, Midnight Green or White Exterior Colors only.
Neutral (Light)	TT	Brown, Copper, Green-Gold, Midnight Green, Orange or Red Exterior Colors only.
Red (Dark)	HH	Dark Red, Silver or White Exterior Colors only.
White	AA	All Exterior Colors.

Model	Seat Type	Black			Chamois (Medium)	Green (Dark)		Neutral (Light)	Saddle (Dark)
		Mixed Tone Cloth Black/White	Mixed Tone Cloth Black/Blue	Vinyl	Vinyl	Mixed Tone Cloth Green/Black	Vinyl	Vinyl	Vinyl
TYPE LT COUPE	Bucket	785	786	773		781		788	
SPORT COUPE	Bucket	776	774	775	780		777	779	778
EXTERIOR COLORS	COLOR CODE Lower	COLOR CODE Upper							
Blue, Light (Metallic)	24	24	X	X	X			X	
Blue, Dark (Metallic)	26	26	X	X	X			X	
Blue, Midnight (Metallic)	29	29	X	X	X			X	
Brown, Dark (Metallic)	68	68	X		X			X	X
Chamois	56	56	X		X	X	X	X	X
Copper, Light (Metallic)	60	60	X		X			X	X
Green-Gold (Metallic)	46	46	X		X		X	X	
Green, Light (Metallic)	44	44	X		X		X	X	
Green, Dark (Metallic)	42	42	X		X		X	X	
Green, Midnight	48	48	X		X	X	X	X	X
Orange, Medium (Metallic)	97	97	X		X			X	X
Red, Medium	75	75	X		X			X	
Red, Dark (Metallic)	74	74	X		X			X	
Silver (Metallic)	64	64	X	X	X	X	X	X	X
White, Antique	11	11	X	X	X	X	X	X	X
Yellow, Light	51	51	X		X			X	

✓Indicates Change