

MULTIDISCIPLINARY ACCIDENT INVESTIGATION DATA FILE

Editing Manual and
Reference Information

Volume II

1976 REFERENCE INFORMATION

HIGHWAY SAFETY RESEARCH INSTITUTE
THE UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN 48109

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16. Abstract <p>This report documents in two volumes the editing conventions and reference information used in processing Multidisciplinary Accident Investigation reported case vehicles into a time-shared accident data bank.</p> <p>Volume I (Editing Manual) contains an "Annotated Collision Performance and Injury Report" Revision 3 and Air Cushion Restraint System (ACRS) Supplement. The text documents the editing procedure and the interpretations of each question (variable) on the CPIR form and its supplements. Volume II (Reference Information) is a compilation of reference information (e.g., original steering column angles) available to the data editors.</p>					
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MULTIDISCIPLINARY ACCIDENT INVESTIGATION DATA FILE
EDITING MANUAL AND REFERENCE INFORMATION

VOLUME II

1976 REFERENCE INFORMATION

HIGHWAY SAFETY RESEARCH INSTITUTE
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DATA OPERATIONS GROUP
THE UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN 48109

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NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION
WASHINGTON, D.C. 20590

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VOLUME II

PREFACE

This volume is Section 5 of the Multidisciplinary Accident Investigation Data File Editing Manual And Reference Information. Volume I contains an annotated CPIR form, a description of the editing process, and an interpretation of each question.

The reference information in this section is generally restricted to passenger vehicles and light trucks, such as pickups and small vans. All model years and foreign vehicles for which information was available have been included. A more comprehensive annual compilation of vehicle dimensions and VIN information for cars and all types of trucks sold by domestic vehicle manufacturers is available in the NVMA published Supplement [1974 (1975, 1976) Model Year Passenger Car and Truck Accident Investigators Manual, Motor Vehicle Manufacturers Association of the United States Inc. 1974 (1975, 1976)]. That information is, therefore, not reproduced here.

The following material is organized alphabetically by the descriptors underlined in the Table of Organization. The vehicle manufacturer and model year are used where necessary to suffix a descriptor page heading.

Acknowledgement must be made of Ms. Carol Whitney for updating this years edition, the authors of previous editions (Joe Marsh, Steven Tolkin, and Steven Vanek) and the current staff who reviewed this edition. The guidance provided by Jesse Watt, Contract Technical Manager, and the NHTSA Accident Investigation Division staff is also acknowledged. The automobile industry is also to be commended for providing available reference data.

1976 REFERENCE INFORMATION
TABLE OF ORGANIZATION

A DIMENSIONS	SIDE DOOR REINFORCEMENT
AMC	STATE CODES
CHRYSLER	
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GM	AMC
IHC	CHRYSLER
IMPORTS	FORD
PICKUPS	GM
	IMPORTS
BODY MODELS: GM CANADA	PICKUPS
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LOCKING RETRACTORS	TIRE INFORMATION
PASSIVE	
USAGE CODES	TRAILER HITCH INFORMATION
SEAT BACKS	VIN SUMMARY (SEE ALSO MVMA SUPPLEMENT)
	AMC
SEAT BACK ANGLES	CHRYSLER
AMC	FORD
CHRYSLER	GM
FORD	
GM	WINDSHIELD CODES
IHC	AMC
IMPORTS	CHRYSLER
	FORD
	GM
	OTHERS

STEERING WHEEL HUB TO REAR WINDOW HEADERORIGINAL "A" DIMENSIONS

1971-73 AMC CARS

<u>Model</u>	<u>2-Door</u>	<u>4-Door</u>	<u>Wagon</u>
Hornet	62.25	61.75	81.70
Gremlin	60.10	---	---
Matador	61.25	64.20	105.5
Ambassador	61.25	64.20	105.5
Javelin, AMX	54.25	---	---

STEERING WHEEL HUB TO REAR WINDOW HEADERORIGINAL "A" DIMENSIONS

1974 AMC CARS

	<u>Model</u>	<u>"A" Dimension</u>
Gremlin	7440	62.50"
Hornet	7403 (Hatchback)	55.00"
	7406 (2 Dr.)	62.00"
	7405 (4 Dr.)	62.00"
	7408 (Station Wagon)	81.25"
Javelin - AMX	7470	56.75"
Matador	7415 (4 Dr.)	64.00"
	7416 (2 Dr.)	58.25"
	7418 (Station Wagon)	107.75"
Ambassador	7485 (4 Dr.)	64.00"
	7488 (Station Wagon)	107.75"

1974 JEEP

Cherokee	95.00"
Wagoneer	95.00"
CJ5 Renegade	52.25"

70-71 CHRYSLER

STEERING WHEEL HUB TO BACKLIGHT HEADER DIMENSIONS

VEHICLE	BODY STYLE	DIMENSION (INCHES)	FEATURE TILT ONLY	FEATURE TILT & TELESCOPE
Chrysler - All	2-Dr H/T	63"		61"
Chrysler - All	4-Dr Sd	66"		64-1/2"
Chrysler - All	4-Dr H/T	66-1/2"		65"
Dodge Dart	4-Dr Sd	64"		
Dodge Dart Swinger	2-Dr H/T	59"		
Dodge Challenger	2-Dr H/T	55"		
Dodge Challenger (sm. backlite)	2-Dr H/T	56"		
*Dodge Charger	2-Dr H/T	62"		
*Dodge Coronet	2-Dr Sd & 2-Dr H/T	60"		
*Dodge Coronet	4-Dr Sd	65"		
Dodge Polara & Monaco	2-Dr H/T	63"	61"	
Dodge Polara & Monaco	4-Dr H/T	68-1/2"	66"	
Dodge Polara & Monaco	4-Dr Sd	66-1/2"	64"	
Imperial - Crown	2-Dr H/T	63"		62"
Imperial - Crown	4-Dr H/T	66"		65"
Imperial - Lebaron	2-Dr H/T	66"		65"
Imperial - Lebaron	4-Dr H/T	71"		70"
Plymouth Barracuda	2-Dr H/T	54-1/2"		
*Plymouth Belvedere	2-Dr Sd & 2-Dr H/T	60"		
*Plymouth Belvedere	4-Dr Sd	65"		
Plymouth Fury (etc.)	4-Dr Sd	66-1/2"	64"	
Plymouth Fury (etc.)	2-Dr Sd	68-1/2"	66"	
Plymouth Fury	Formal 2-Dr H/T	68-1/2"	66"	
Plymouth Fury (etc.)	4-Dr H/T	68-1/2"	66"	
Plymouth Fury (etc.)	2-Dr H/T	63"	61"	
Plymouth Valiant	4-Dr Sd	65"		
Plymouth Valiant Duster	2-Dr Sd	59-1/2"		

*Dimension for 1970 only, 71 dimensions unknown

A DIMENSIONS: CHRYSLER 70, 71

1972

STEERING WHEEL HUB TO UPPER BACKLITE OPENING



A DIMENSIONS: CHRYSLER 72

VEHICLE	BODY STYLE	V.I.N. BODY CODE	Diagram (1)			Diagram (2)			Diagram (3)		
			16"	16"	16"	16"	16"	16"	15.5"	14.5"	16"
Plymouth Barracuda	2dr H/T	B23	-	-	-	-	-	53.0	-	-	-
Dodge Challenger	2dr H/T	J23	-	-	-	-	-	55.0	-	-	-
Plymouth Scamp	2dr H/T	V23	59.5	60.6	-	-	-	-	57.8	-	-
Plymouth Buster	2dr H/T	V29	59.5	60.6	-	-	-	-	57.8	-	-
Plymouth Valiant	4dr Sd	V41	63.5	64.6	-	-	-	-	61.8	-	-
Dodge Swinger	2dr H/T	I23	59.5	60.6	-	-	-	-	57.8	-	-
Dodge Dart	4dr Sd	I41	63.5	64.6	-	-	-	-	61.8	-	-
Dodge Demon	2dr H/T	L29	59.5	60.6	-	-	-	-	57.8	-	-
Plymouth Road Runner	2dr H/T	R23	61.9	63.0	-	-	-	-	60.2	62.1	62.1
Plymouth Satellite	2dr Sd & 2dr H/T	R21 & 23	61.9	63.0	-	-	-	-	60.2	62.1	62.1
Dodge Charger	2dr Sd & 2dr H/T	W21 & 23	61.9	63.0	-	-	-	-	60.2	62.1	62.1
Plymouth Satellite	4dr Sd	R41	62.8	63.9	-	-	-	-	61.1	63.0	63.0
Dodge Coronet	4dr Sd	W11	64.0	65.1	-	-	-	-	62.2	64.1	64.1
Dodge Charger SE	2dr H/T	W29	61.7	62.8	-	-	-	-	60.0	61.9	61.9
Satellite & Coronet	4dr Wagon	RM-45 & 46	106.0	107.1	-	-	-	-	104.2	106.2	106.2
Plymouth Fury	2dr H/T	P23	-	67.0	66.4	65.5	-	-	-	66.1	66.1
Dodge Polara & Monaco	2dr H/T	P23	-	67.0	66.4	65.5	-	-	-	65.9	65.9
Chrysler - All	2dr H/T	C23	-	67.0	66.4	65.5	-	-	-	-	-
Plymouth Fury & Grand Coupe	Formal 2dr H/T	P29	-	69.3	68.7	67 3/4	-	-	-	68.4	68.4
Plymouth Fury	4dr H/T	P43	-	70.5	69.9	69.0	-	-	-	69.6	69.6
Dodge Polara & Monaco	4dr H/T	P43	-	70.5	69.9	69.0	-	-	-	69.6	69.6
Plymouth Fury	4dr Sd	P41	-	67.5	66.9	66.0	-	-	-	66.3	66.3
Dodge Polara & Monaco	4dr Sd	D41	-	67.5	66.9	66.0	-	-	-	66.6	66.6
Chrysler - All	4dr Sd	C41	-	66.3	65.7	64.8	-	-	-	-	-
Chrysler - All	4dr H/T	C43	-	69.0	68.4	67.3	-	-	-	-	-
Plymouth-Dodge-Chrysler	4dr Wagon	PRC-45 & 46	-	113.5	112.9	112.0	-	-	-	112.6	112.6
Imperial - LeBaron	2dr H/T	Y23	-	-	65.6	66.5	-	-	-	-	-
Imperial - LeBaron	4dr H/T	Y43	-	-	69.9	70.8	-	-	-	-	-

1974 STEERING WHEEL HUB TO UPPER BACKLITE OPENING

ORIGINAL "A" DIMENSIONS

CHRYSLER CARS

Model	Type * <u>1</u>	Steering Wheel				
		Type <u>2</u>	Type <u>3</u>	Type <u>4</u>	Type <u>5</u>	Type <u>6</u>
V,L-23	59.1"	57.5"	57.3"			
V,L-29	59.2	57.6				57.5"
V,L-41	63.5	61.9	61.7			57.6 61.9
B-23					52.6"	
J-23					55.1	
R,W-21,23,29		60.1	59.9			60.1
R,W-41		62.2	62.0			62.2
R,W-45,46		103.9	103.7			103.9
P,D-23		63.2	63.0	63.3"		
P,D-41		66.8	66.6	66.9		
P,D-43		65.9	65.7	66.0		
P,D-45,46		110.8	110.6	110.9		
C-23		66.8	66.6	66.9		
C-41		69.6	69.4	69.7	1	
C-43		66.8	66.6	66.9		
C-45,46		110.8	110.6	110.9		
Y-23			69.2	69.5		
Y-43			69.2	69.5	2	

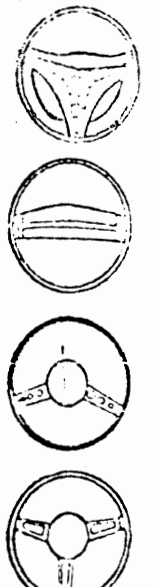
* STEERING WHEEL TYPE

CARLINE CODES

Dodge	J	Challenger
	L	Dart
	W	Charger, Coronet
	D	Monaco
Plymouth	B	Barracuda, 'Cuda
	V	Valiant, Duster
	R	Satellite, Road Runner
	P	Fury, Suburban
Chrysler	C	Newport, New Yorker Town and Country
	Y	Imperial Le Baron

BODY TYPE	
21	2-Door Coupe
23	2-Door Hardtop
29	2-Door Special
41	4-Door Sedan
43	4-Door Hardtop
45	2-Seat Station Wagon
46	3-Seat Station Wagon

3
4
5
6



1968 Ford Steering Wheel Hub To Backlight Header Dimensions

	2-Dr & 4-Dr Sedans	4-Dr Hardtop	2-Dr Hardtop	2-Dr Fastback	2-Dr Convertible	4-Dr Ste. Wagon	Ranchero
<u>Ford</u>							
Custom, Galaxie, LTD	63.8	63.2	63.2	61.0	61.5	108.6	-
Fairlane, Torino Falcon, Futura	63.8	-	61.5	59.0	59.8	100.5	32.6
<u>Mercury</u>							
Monterey, Montclair, Parklane, Marquis	65.2	63.2	61.4	61.0	61.5	108.6	-
Montego, Cyclone Comet	63.8	-	61.5	59.0	59.8	100.5	-
<u>Mustang</u>	-	-	53.2	46.7	53.2	-	-
<u>Cougar</u>	-	-	56.7	-	-	-	-
<u>Thunderbird</u>	-	68.2	68.7	-	-	-	-
<u>Lincoln</u>	70.1	-	66.2	-	-	-	-
<u>Mark III</u>	-	-	68.5	-	-	-	-

1969 Ford Steering Wheel Hub To Backlight Header Dimensions

<u>1969 MODEL</u>	<u>4-Dr* Sedans</u>	<u>4-Dr Sedans</u>	<u>4-Dr Hardtop</u>	<u>2-Dr Sedans</u>	<u>2-Dr Hardtop</u>	<u>2-Dr Fastback</u>	<u>2-Dr Convertible</u>	<u>4-Dr Station Wagon</u>	<u>Ranchero</u>
<u>FORD</u>									
Custom, Galaxie, LTD	-	67.1	69.8	67.1	65.3	64.0	61.8	112.5	-
Fairlane, Torino Falcon, Futura	-	65.4	-	-	63.1	60.8	59.9	102.4	32.7
<u>MERCURY</u>									
Monterey, Marauder, Marquis, Brougham	69.8	67.1	69.8	-	65.3	64.0	61.8	112.5	-
Montego, Cyclone	-	65.4	-	-	63.1	60.8	59.9	102.4	-
<u>MUSTANG</u>	-	-	-	-	53.8	48.0	54.3	-	-
<u>COUGAR</u>	-	-	-	-	57.2	-	54.3	-	-
<u>THUNDERBIRD</u>	-	-	65.1	-	65.1	-	-	-	-
<u>LINCOLN</u>	67.5	-	-	-	63.2	-	-	-	-
<u>MARK III</u>	-	-	-	-	64.8	-	-	-	-

* No Door Frame around glass.

1970 Ford Steering Column Hub To Backlight Header Dimensions

MODEL & YEAR _____
 SERIES # _____

STEERING COLUMN HUB TO
 BACKLIGHT UPPER D.L.O.:

MAVERICK - 1970		MUSTANG - 1970			COUGAR - 1970		
62		65	63	76	65	75	
60.6		55.3	49.4	56.8	55.3	56.2	

MODEL & YEAR _____
 SERIES # _____

STEERING COLUMN HUB TO
 BACKLIGHT UPPER D.L.O.:

TORINO - 1970							MONTEGO - 1970						
54	57	62	63	65	66	71	76	54	57	62	65	71	76
63.1	*	60.3	60.6	60.2	32.4	100.2	62.5	69.1	*	60.2	60.9	100.0	60.3

MODEL & YEAR _____
 SERIES # _____

STEERING COLUMN HUB TO
 BACKLIGHT UPPER D.L.O.:

FORD - 1970							MERCURY - 1970						
54	57	62	63	65	71	76	54	53	57	65	63	76	71
65.0	67.8	65.0	62.0	63.3	110.8	64.5	65.0	A	67.8	63.2	62.0	64.5	119.3

MODEL & YEAR _____
 SERIES # _____

STEERING COLUMN HUB TO
 BACKLIGHT UPPER D.L.O.:

THUNDERBOLT			MARK III			LINCOLN		
63	57		65			65		53
62.7	62.9		62.8			64.8		68.1

ALL DIMENSIONS REFLECT CURB ATTITUDE
 * - SAME AS BASE MODEL

SERIES NO.

BODY STYLE

SERIES NO.

BODY STYLE

- | | | | |
|----|------------------------------------|----|----------------------------------|
| 53 | 4-dr. Sedan (Concealed "B"-Pillar) | 65 | 2-dr. Hardtop |
| 54 | 4-dr. Sedan | 66 | 2-dr. Pickup Type Car (Ranchero) |
| 57 | 4-dr. Hardtop | 71 | 4-dr. Station Wagon |
| 62 | 2-dr. Sedan | 75 | 2-dr. Convertible |
| 63 | 2-dr. Hardtop (Fastback) | | |

1972 Ford Steering Column Hub To Backlight Header Dimensions

Model and Year	Maverick--1972		Comet--1972		Pinto--1972		
Series Number	62	54	62	54	62	64	73
Steering Column Hub to Backlight Upper D.L.O.	61.5	66.9	61.5	66.9	58.8	60.7	87.6

Model and Year	Thunderbird--1972	Mark IV--1972
Series Number	65	65
Steering Column Hub to Backlight Upper D.L.O.	66.2	66.2

Model and Year	Lincoln--1972		Capri--1970-1972
Series Number	65	53	
Steering Column Hub to Backlight Upper D.L.O.	65.8	70.8	56.0

Model and Year	Torino--1972					Montego--1972				
Series Number		53	63	65	66	71	53	65	63	71
Steering Column Hub to Backlight Upper D.L.O.		68.5	65.3	65.4	35.5	107.3	68.5	65.3	65.4	107.3

Model and Year	Mustang--1972			Cougar--1972		Bronco
Series Number	65	63	76	65	76	U15-SW
Steering Column Hub to Backlight Upper D.L.O.	57.9	58.9	57.0	59.0	58.0	73.9

Model and Year	Ford--1972						Mercury--1972			
Series Number	54	53	57	65	76	71	65	53	57	71
Steering Column Hub to Backlight Upper D.L.O.	67.8	72.2	68.0	66.7	65.9	113.2	66.7	72.2	72.2	113.2

SERIES NO.	BODY STYLE	SERIES NO.	BODY STYLE
53	4-dr. Sedan (Concealed "B"-Pillar)	65	2-dr. Hardtop
54	4-dr. Sedan	66	2-dr. Pickup Type Car (Ranchero)
57	4-dr. Hardtop	71	4-dr. Station Wagon
62	2-dr. Sedan	76	2-dr. Convertible
63	2-dr. Hardtop (Fastback)		

1973 Ford Steering Column to Backlight Header Dimensions

<u>Model</u>	<u>Series No.</u>	<u>A-Dimension</u>
Maverick	62	60.5
	54	66.3
Comet	62	60.5
	54	66.3
Pinto	62	53.6
	64	57.4
	73	85.9
Thunderbird	65	66.2
Mark IV	65	66.2
Lincoln	65	65.8
	53	70.8
Capri	53	56.0
Torino	53	68.5
	63	65.3
	65	65.4
	66	35.5
	71	107.3
Montego	53	68.5
	65	65.3
	63	65.4
	71	107.3
Mustang	65	57.9
	63	58.9
	76	57.0
Cougar	65	59.0
	76	58.0
Ford	53	70.0
	57	70.0
	65	66.7
	71	113.0
Mercury	65	66.7
	53	70.0
	57	70.0
	71	113.0

<u>SERIES NO.</u>	<u>BODY STYLE</u>
53	4-dr. Sedan (Concealed "B"-Pillar)
54	4-dr. Sedan
57	4-dr. Hardtop
62	2-dr. Sedan
63	2-dr. Hardtop (Fastback)
64	2-dr. Hatchback
65	2-dr. Hardtop
66	2-dr. Pickup Type Car (Ranchero)
71	4-dr. Station Wagon
73	2-dr. Station Wagon
76	2-dr. Convertible

1974 FORD MOTOR COMPANY CARS

*STEERING COLUMN HUB TO BACKLIGHT UPPER D.L.O.

Maverick	2 Door Sedan	60.8
	2 Door Grabber	60.8
	4 Door Sedan	66.4
Comet	2 Door Sedan	60.8
	4 Door Sedan	66.4
Pinto	2 Door Sedan	57.1
	3 Door Model	59.0
	2 Door Wagon	85.9
Torino/Ranchero	4 Door Sedan/Hardtop	68.9
	2 Door Hardtop	65.0
	Ranchero	35.5
	Station Wagon	107.1
Montego	4 Door Sedan/Hardtop	68.9
	2 Door Hardtop	65.0
	Station Wagons-4 Door	107.1
Mustang	3 Door 4 Pass. Hatchback	48.0
	2 Door 4 Pass. Notchback	54.2
Cougar	2 Door Hardtop	65.0
Ford	4 Door Pillar Hardtop	71.0
	4 Door Hardtop	71.0
	2 Door Hardtop	65.7
	Station Wagons	112.0
Lincoln	2 Door Hardtop	65.5
	4 Door Sedan/Hardtop	71.3
Thunderbird	2 Door Hardtop	63.6
Mark IV	2 Door Hardtop	63.6
Mercury	2 Door Hardtop	65.7
	4 Door Pillar Hardtop	71.0
	4 Door Hardtop	71.0
	4 Door 6 Pass. (Monterey, Rideau, Montcalm Marquis)	112.0

*Steering wheel trim pad to backlite glass.

STEERING COLUMN TO REAR WINDOW DIMENSIONS
1969 GENERAL MOTORS PASSENGER
CARS

MODEL	STEERING WHEEL	2DS	2DHT	4DS	4DHT	4DSW
CHEVROLET						
CORVAIR	STD.		52.8			
	DLX.		52.9			
	TELESCOPE		53.1			
NOVA	DLX.	60.5		64.5		
	SPORT	60.5		64.5		
CAMARO	DLX.		57.9			
	SPORT		57.9			
CHEVELLE	DLX.	61.9	61.9	66.1	66.1	104.3
	SPORT	61.9	61.9	66.0	66.0	104.2
BISCAYNE BEL AIR	DLX.	69.3		69.3		107.5
	SPORT	69.2		69.2		107.4
IMPALA IMPALA S.S.	DLX.		65.8	69.3	67.0	107.5
	SPORT		65.7	69.2	66.9	107.5
IMPALA CUSTOM IMPALA CUSTOM SS	DLX.		63.8			
	SPORT		63.7			
CAPRICE	DLX.		63.8		67.0	107.5
	SPORT		63.7		66.9	107.4
EL CAMINO	DLX.	35.6				
	SPORT	35.5				
CORVETTE	STD.	37.5				
	TELESCOPE	39.3				
PONTIAC						
FIREBIRD	STD.		57.8			
	DLX.		58.0			
	SPORT		57.8			
TEMPEST	STD.	61.6	61.6	65.7	65.7	104.4
	DLX.	61.8	61.8	65.9	65.9	104.6
	SPORT	61.7	61.7	65.8	65.8	104.4
CATALINA VENTURA EXECUTIVE BONNEVILLE	STD.		65.2	68.7	66.5	107.0
	DLX.		65.4	68.9	66.7	107.2
	SPORT		65.3	68.8	66.5	107.1

STEERING COLUMN TO REAR WINDOW DIMENSIONS
 1969 GENERAL MOTORS PASSENGER
 CARS

A DIMENSIONS: GM 69

MODEL	STEERING WHEEL	2DS	2DHT	4DS	4DHT	4DSW
PONTIAC (cont')						
GRAND PRIX	STD.		61.9			
	DLX.		62.1			
	SPORT		61.9			
OLDSMOBILE						
F-85	STD.	61.1	61.1	65.2	65.2	103.9
	DLX.	61.0	61.0	65.0	65.0	103.7
	SPORT	61.5	61.5	65.6	65.6	104.4
VISTA CRUISER	STD.					108.9
	DLX.					108.7
	SPORT					109.4
DELTA 88 DELTA 88 CUSTOM DELTA ROYALE	STD.		64.4	67.9	65.7	
	DLX.		64.2	67.7	65.5	
	SPORT		64.8	68.4	66.1	
	T&T		63.9	67.4	65.2	
NINETY-EIGHT	STD.		66.9	70.5	66.9	
	DLX.		66.5	70.3	66.6	
	SPORT		67.3	70.9	67.3	
	T&T		66.3	70.0	66.3	
TORONADO	STD.		59.2			
	SPORT		59.9			
	T&T		58.9			
BUICK						
SPECIAL	STD.	65.0	60.8	65.0	60.8	103.7
	DLX.	65.1	60.9	65.1	60.9	103.8
	SPORT	65.8	61.6	65.8	61.6	104.5
SPORTWAGON	STD.					103.7
	DLX.					103.8
	SPORT					109.5
LESABRE WILDCAT	STD.		64.5	68.1	65.8	
	DLX.		64.7	68.3	66.0	
	SPORT		65.2	68.8	66.5	

STEERING COLUMN TO REAR WINDOW DIMENSIONS
 1969 GENERAL MOTORS PASSENGER
 CARS

A DIMENSIONS: GM 69

MODEL	STEERING METHOD	2DS	2DHT	4DS	4DHT	4DSW
BUICK (cont')						
ELECTRA	STD.		66.9	70.5	66.9	
	DLX.		67.1	70.7	67.1	
	SPORT		67.6	71.2	67.6	
RIVIERA	STD.		60.7			
	SPORT		61.2			
CADILLAC						
CALAIS DE VILLE	STD.		67.8	71.6	67.8	
	T&T		67.8	71.6	67.8	
FLEETWOOD SIXTY SPECIAL (133" wheelbase)	STD.			76.5		
	T&T			76.5		
FLEETWOOD 75 LIMOUSINE (150" wheelbase)	STD.			95.4		
	T&T			95.4		
ELDORADO	STD.		61.2			
	T&T		61.2			

STEERING COLUMN TO REAR WINDOW DIMENSIONS
1970 GENERAL MOTORS PASSENGER CARS

A DIMENSIONS: GM 70

Model	Steering Wheel	2 Dr Cp	2 Dr HT	4 Dr S	4 Dr HT	4 Dr SW
CHEVROLET						
Nova	Std.	60.5		64.5		
	Sport	60.4		64.4		
Camaro	Std.		57.4			
	Sport		57.7			
Chevelle	Std.		61.6	66.0	66.0	103.9
	Sport		61.6	65.8	65.8	103.8
Biscayne Bel Air Impala	Std.		66.0	69.2	66.9	
	Sport		65.9	69.1	66.9	
Impala Custom Impala Custom SS	Std.		63.6			
	Sport		63.5			
Caprice	Std.		63.6		66.9	
	Sport		63.5		66.9	
Monte Carlo	Std.		61.6			
	Sport		61.6			
Brookwood Townsmen Kingswood	Sfd.					107.6
	Sport					107.5
El Camino	Std.	36.1				
	Sport	36.0				
Corvette	Std.	37.5				
	T & T	39.3				
PONTIAC						
Firebird	Std.		57.6			
	Deluxe		57.8			
	Sport		57.6			
	Formula		55.5			
Tempest	Std.	61.4	61.4	65.8	65.8	104.3
	Deluxe	61.6	61.6	66.0	66.0	104.2
	Sport	61.3	61.3	65.7	65.7	103.9
	Formula	59.2	59.2	63.6	63.6	101.8

Model	Steering Wheel	2 Dr Cp	2 Dr HT	4 Dr S	4 Dr HT	4 Dr SW
PONTIAC (CONTINUED)						
Catalina Executive Bonneville	Std.		65.1	68.6	66.4	107.1
	Deluxe		65.3	68.8	66.5	107.3
	Sport		65.0	68.5	66.2	106.7
	Formula		62.9	66.4	64.1	104.6
Grand Prix	Std.		61.6			
	Deluxe		61.8			
	Sport		61.5			
	Formula		59.4			
OLDSMOBILE						
Cutlass	Std.	60.9	60.9	65.1	65.1	103.6
	Deluxe	60.7	60.7	64.9	64.9	103.4
	Sport	61.6	61.6	65.7	65.7	104.3
Cutlass Supreme	Std.		60.7			
	Deluxe		60.5			
	Sport		61.4			
Vista Cruiser	Std.					108.7
	Deluxe					108.4
Delta 88	Std.		64.0	67.6	65.3	
	Deluxe		63.8	67.5	65.1	
Ninety Eight	Deluxe		66.6	70.3	66.6	
	T & T		65.7	69.4	65.7	
Toronado	Deluxe		59.2			
	T & T		58.3			
BUICK						
Skylark	Std. I	60.8	60.8	64.8	64.8	103.3
	Std. II	60.9	60.9	64.9	64.9	103.4
	Deluxe	60.5	60.5	64.6	64.6	103.0
	Sport	61.6	61.6	65.6	65.6	104.1

Model	Steering Wheel	2 Dr Cp	2 Dr HT	4 Dr S	4 Dr HT	4 Dr SW
BUICK (CONTINUED)						
Le Sabre Wildcat	Std. II		64.3	67.8	65.6	
	Std. III		64.4	68.0	65.7	
	Deluxe		64.0	67.6	65.3	
Estate Wagon	Std. II					104.8
	Std. III					106.4
	Deluxe					105.9
Electra	Std. III		66.8	70.4	66.8	
	Deluxe		66.3	69.9	66.3	
Riviera	Std. III		61.0			
	Deluxe		60.5			
CADILLAC						
Calais DeVille	Std.		67.8	71.6	67.8	
Fleetwood Sixty Special & Brougham	Std.			76.5		
Fleetwood 75 Limousine (150" Wheelbase)	Std.			95.4		
Eldorado	Std.		61.2			

STEERING WHEEL TO REAR WINDOW DIMENSIONS
1971 GENERAL MOTORS PASSENGER CARS

MODEL	STEERING WHEEL	2DR CP	2DR HT	4DR S	4DR HT	4DR SW
CHEVROLET						
NOVA	STD	58.4		62.5		
	SPORT	58.9		63.0		
	OPT	58.4		62.5		
CAMARO	STD		55.7			
	SPORT		56.2			
	OPT		55.7			
CHEVELLE	STD		59.6	63.9	63.9	102.0
	SPORT		60.1	64.4	64.4	102.5
	OPT		59.6	63.9	63.9	102.0
BISCAYNE, BEL AIR, IMPALA	STD		61.8	64.8	65.7	
	OPT		61.8	64.8	65.7	
IMPALA CUSTOM	STD		64.1			
	OPT		64.1			
CAPRICE	STD		64.1		65.7	
	OPT		64.1		65.7	
MONTE CARLO	STD		59.8			
	SPORT		60.3			
	OPT		59.8			
BROOKWOOD TOWNSMAN KINGSWOOD	STD					103.3
	OPT					103.3
EL CAMINO	STD	36.1				
	SPORT	36.6				
	OPT	36.1				
CORVETTE	STD	37.5				
	T & T	39.3				
VEGA	STD	59.1	56.0			80.3*
	SPORT	59.3	56.2			80.5*
PONTIAC						
FIREBIRD	STD		55.7			
	DLX		56.1			
	SPORT		55.7			
	FORMULA		53.6			
TEMPEST, GTO	STD	59.4	59.4	63.8	63.8	102.0
	DLX	59.8	59.8	64.2	64.2	102.4
	SPORT	59.3	59.3	63.7	63.7	101.5
	FORMULA	57.2	57.2	61.6	61.6	99.4
CATALINA BONNEVILLE SAFARI	STD		61.8	64.8	65.7	103.3
	DLX		62.2	65.2	66.1	103.7
	SPORT		61.7	64.7	65.5	102.9
	FORMULA		59.6	62.6	63.4	100.8
GRAND PRIX	STD		59.8			
	DLX		60.2			
	SPORT		59.7			
	FORMULA		57.3			

* VEGA 2DR SW and Pickup Delivery

MODEL	STEERING WHEEL	2DR CP	2DR HT	4DR S	4DR HT	4DR SW
PONTIAC						
GRANDVILLE	STD		61.8		65.7	
	DLX		69.0		66.1	
	SPORT		61.7		65.6	
	FORMULA		59.3		63.2	
OLDSMOBILE						
CUTLASS	STD	60.2	60.2	64.5	64.5	102.6
	DLX	60.2	60.2	64.5	64.5	102.6
	SPORT	60.7	60.7	65.0	65.0	103.1
CUTLASS SUPREME	STD	60.2	60.2	64.5	64.5	
	DLX	60.2	60.2	64.5	64.5	
	SPORT	60.7	60.7	65.0	65.0	
VISTA CRUISER	STD					107.4
	DLX					107.4
DELTA 88	STD		61.8	64.8	65.7	
ROYALE	STD		62.7			
NINETY EIGHT	STD		67.8		68.7	
	T & T		67.4		68.3	
TORONADO	STD		61.6			
	T & T		61.2			
BUICK						
SKYLARK	STD I	59.5	59.5	63.7	63.7	102.3
	STD II	59.0	59.0	63.2	63.2	101.8
	OPT	59.1	59.1	63.3	63.3	101.9
	SPORT	60.0	60.0	64.2	64.2	
LE SABRE, CENTURION	STD II		61.8	64.8	65.7	
	STD III		61.7	64.7	65.6	
	OPT		61.9	64.9	65.8	
ESTATE WAGON	STD II					103.3
	STD III					103.2
	OPT					103.4
ELECTRA	STD III		67.8		68.7	
	OPT		68.0		68.9	
RIVIERA	STD III		63.9			
	OPT		64.1			
CADILLAC						
BROUGHAM	STD			76.6		
CALAIS, DEVILLE	STD		69.4		70.2	
ELDORADO	STD		62.5			
75 LIMOUSINE	STD			93.8		

STEERING WHEEL TO BACKLIGHT DIMENSION

CHEVROLET

72 GM

MODEL	WHEEL CODE		2DS	2DHT	4DS	4DHT	STA. WGN.	PICK-UP DELIVERY
NOVA	01		58.4		62.5			
	02		58.4		62.5			
	20		58.9		63.0			

CAMARO	01			55.7				
	20			56.2				

CHEVELLE EL CAMINO	01			59.6	63.9	63.9	102.0	36.1
	02			59.6	63.9	63.9	102.0	36.1
	20			60.1	64.4	64.4	102.5	36.6

MONTE CARLO	01			59.8				
	02			59.8				
	20			60.3				

BISC., BELAIR IMPALA	01			61.8	64.8	65.7	103.3	
	02			61.8	64.8	65.7	103.3	

IMPALA CUST CAPRICE	01			64.1		65.7		
	02			64.1		65.7		

CORVETTE T & T	03		37.5					
	03		39.3					

(Hatchback)

VEGA	04		59.1	56.0			80.3	
	20		59.3	56.2			80.5	

BUICK

A DIMENSIONS: GM 72

MODEL	WHEEL CODE		2DS	2DHT	4DS	4DHT	STA. WGN.	PICK-UP DELIVERY
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SKYLARK	12		59.5	59.5	63.7	63.7	102.3	
	14		59.0	59.0	63.2	63.2	101.8	
	15		60.0	60.0	64.2	64.2	102.8	

LESABRE CENTURION ESTATE WGN	14			61.8	64.8	65.7	103.3	
	16			61.7	64.7	65.6	103.2	

ELECTRA	16			67.8		68.7		
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RIVIERA	16			63.9				
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OPEL	--	NOT AVAILABLE						
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CADILLAC

MODEL	WHEEL CODE		2DS	2DHT	4DS	4DHT	STA. WGN.	PICK-UP DELIVERY
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BROUGHAM	18				76.6			
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CALAIS DEVILLE	18			69.4		70.2		
	18			69.4		70.2		

ELDORADO	18			62.5				
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75 LIMOUSINE	18				93.8			
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PONTIAC

MODEL	WHEEL CODE		2DS	2DHT	4DS	4DHT	STA. WGN.	PICK-UP DELIVERY
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VENTURA II	05		60.2		64.8			
	06		60.6		65.2			

FIREBIRD	05			55.7				
	06			56.1				
	07							
	19							

TEMPEST	05		59.4	59.4	63.8	63.8	102.0	
	06		59.8	59.8	64.2	64.2	102.4	
	07							
	19							

CATALINA BONNEVILLE GRANDVILLE	05			61.8	64.8	65.7	103.3	
	06			64.2	65.2	66.1	103.7	

GRAND PRIX	06			59.8				
	19							

OLDSMOBILE

MODEL	WHEEL CODE		2DS	2DHT	4DS	4DHT	STA. WGN.	PICK-UP DELIVERY
CUTLASS	08		60.2	60.2	64.5	64.5	102.6	
	10		60.7	60.7	65.0	65.0	103.1	
	11		60.8	60.8	64.9	64.5	N.A.*	
VISTA CRUISER	08						107.4	
	10						107.5	
	11						107.6	
DELTA 88	11			61.8	64.8	65.7	103.3	
ROYALE	11			62.7	N.A.*	N.A.*		
98	11			67.8		68.7		
	13			67.4		68.3		
TORONADO	11			61.6				
	13			61.2				

* N.A. - NOT AVAILABLE

STEERING WHEEL TO BACKLIGHT DIMENSIONS

A DIMENSIONS: GM 73

1973 BUICKS

MODEL	WHEEL CODES	17	27	69	29	37	57	69	39	87	S/W
APOLLO	14										
	16										
	33	61.4	59.0								
CENTURY, REGAL	14				62.5	59.4	58.6				100.1
	16										
	33										
LA SABRE, CENTURION	14						62.2	65.3	66.4		103.5
	16								66.3		103.6
	33										
ELECTRA 225	14										
	16					68.3			69.0		
	33										
RIVIERA	14										
	16									64.3	
	33										

73 GM Body Models

- 11 - 2 dr. Sedan
- 15 - 2 dr. Stationwagon
- 17 - Coupe, Hatchback
- 23 - 4 dr. Sedan
- 27 - 2 dr. Coupe
- 29 - 4 dr. Sedan
- 37 - 2 dr. Coupe
- 39 - 4 dr. Hardtop
- 47 - 2 dr. Hardtop - Cadillac Eldorado (47)-Coupe
- 49 - 4 dr. Sedan Hardtop (code as Sedan)
- 57 - 2 dr. Coupe
- 67 - 2 dr. Convertible
- 69 - 4 dr. Sedan
- 77 - Coupe, Hatchback
- 80 - Pickup Car
- 87 - 2 dr. Hardtop - Chevrolet Camaro and Pontiac Firebird (37) - Coupe

STEERING WHEEL TO BACKLIGHT DIMENSIONS

A DIMENSIONS: GM 73

1973 CADILLACS

MODEL	WHEEL CODES	69	47	49	23	33	67			
FLEETWOOD BROUGHAM	18	76.6								
CALAIS, DE VILLE	18		69.4	70.2						
ELDORADO	18		Coupe 62.5							
75 FLEETWOOD	18				93.8					

73 GM Body Models

- 11 - 2 dr. Sedan
- 15 - 2 dr. Stationwagon
- 17 - Coupe, Hatchback
- 23 - 4 dr. Sedan
- 27 - 2 dr. Coupe
- 29 - 4 dr. Sedan
- 37 - 2 dr. Coupe
- 39 - 4 dr. Hardtop
- 47 - 2 dr. Hardtop - Cadillac Eldorado (47)-Coupe
- 49 - 4 dr. Sedan Hardtop (code as Sedan)
- 57 - 2 dr. Coupe
- 67 - 2 dr. Convertible
- 69 - 4 dr. Sedan
- 77 - Coupe, Hatchback
- 80 - Pickup Car
- 87 - 2 dr. Hardtop - Chevrolet (amaro and Pontiac Firebird (67) - Coupe

1973 CHEVROLET

MODEL	WHEEL CODES								
NOVA		17.	27.	69					
	01	61.3	58.5	63.5					
	03								
	04								
	20								
	29								
	30								
CAMARO		87							
	01								
	03								
	04	Coupe							
	20	57.0							
	29								
	30								
CHEVELLE, EL CAMINO		37	29	80	S/W				
	01	59.0			100.0				
	03								
	04								
	20								
	29	58.8	63.1		100.0				
	30			37.8					
MONTE CARLO		57							
	01								
	03								
	04								
	20								
	29	59.0							
	30								
VEGA		05	11	15	77				
	01								
	03								
	04								
	20			81.5	57.5				
	29								
	30								
BELAIR, IMPALA, CAPRICE		69	57	47	39	47	67	S/W	37
	01	65.8	64.5	64.5					
	03								
	04								
	20								
	29	65.6			66.1	63.5		104.8	
	30								
CORVETTE	03								37.8

73 GM Body Models

- 11 - 2 dr. Sedan
- 15 - 2 dr. Stationwagon
- 17 - Coupe, Hatchback
- 23 - 4 dr. Sedan
- 27 - 2 dr. Coupe
- 29 - 4 dr. Sedan
- 37 - 2 dr. Coupe
- 39 - 4 dr. Hardtop
- 47 - 2 dr. Hardtop - Cadillac Eldorado (47)-Coupe
- 49 - 4 dr. Sedan Hardtop (code as Sedan)
- 57 - 2 dr. Coupe
- 67 - 2 dr. Convertible
- 69 - 4 dr. Sedan
- 77 - Coupe, Hatchback
- 80 - Pickup Car
- 87 - 2 dr. Hardtop - Chevrolet Camaro and Pontiac Firebird (87) - Coupe

STEERING WHEEL TO BACKLIGHT DIMENSIONS

A DIMENSIONS: GM 73

1973 OLDSMOBILES

MODEL	WHEEL CODES	17	27	69	29	37	39	57	67	S/W
OMEGA	10		59.8							
	11									
	13									
	35	61.4	58.7	63.4						
	36									
CUTLASS	10					60.6				
	11					59.1				
	13									
	35									100.1
	36				62.9	59.1				99.8
DELTA 88	10									
	11			65.4			66.6	61.9		104.1
	13									
	35									
	36									
98	10									
	11					68.7	69.3			
	13						68.5			
	35									
	36									
TORANADO	10									
	11									
	13							61.2		
	35									
	36									

73 GM Body Models

- 11 - 2 dr. Sedan
- 15 - 2 dr. Stationwagon
- 17 - Coupe, Hatchback
- 23 - 4 dr. Sedan
- 27 - 2 dr. Coupe
- 29 - 4 dr. Sedan
- 37 - 2 dr. Coupe
- 39 - 4 dr. Hardtop
- 47 - 2 dr. Hardtop - Cadillac Eldorado (47)-Coupe
- 49 - 4 dr. Sedan Hardtop (code as Sedan)
- 57 - 2 dr. Coupe
- 67 - 2 dr. Convertible
- 69 - 4 dr. Sedan
- 77 - Coupe, Hatchback
- 80 - Pickup Car
- 87 - 2 dr. Hardtop - Chevrolet Camaro and Pontiac Firebird (87) - Coupe

1973 PONTIACS

MODEL	WHEEL CODES								
VENTURA		17	27	69					
	05			64.2					
	06								
	07								
	09								
	34	62.0							
FIREBIRD		87							
	05								
	06	62.0							
	07	55.7							
	09								
	34								
LEMANS		29	37	S/W					
	05	63.7							
	06		60.3						
	07								
	09								
	34								
ATALINA, BONNEVILLE, GRANVILLE		69	39	57	49	47	67	S/W	
	05	66.6							
	06	66.6	69.3	63.0				105.0	
	07								
	09								
	34								
GRAND PRIX		57							
	05								
	06	60.1							
	07								
	09								
	34								

73 GM Body Models

- 11 - 2 dr. Sedan
- 15 - 2 dr. Stationwagon
- 17 - Coupe, Hatchback
- 23 - 4 dr. Sedan
- 27 - 2 dr. Coupe
- 29 - 4 dr. Sedan
- 37 - 2 dr. Coupe
- 39 - 4 dr. Hardtop
- 47 - 2 dr. Hardtop - Cadillac Eldorado (47)-Coupe
- 49 - 4 dr. Sedan Hardtop (code as Sedan)
- 57 - 2 dr. Coupe
- 67 - 2 dr. Convertible
- 69 - 4 dr. Sedan
- 77 - Coupe, Hatchback
- 80 - Pickup Car
- 87 - 2 dr. Hardtop - Chevrolet Camaro and Pontiac Firebird (87) - Coupe

STEERING WHEEL TO BACKLIGHT DIMENSIONS

1974 CHEVROLETS

MODEL	WHEEL CODES									
NOVA	01	H/B	2DS	4DS						
		60.4	58.1	62.8						
CAMARO	20	2DHT								
		56.8								
CHEVELLE, EL CAMINO	20	2DHT	4DHT	Pick-Up	S/W					
		59.3								
		29								
	30	57.0	62.3	37.5	99.5					
MONTE CARLO	29	2DHT								
		60.0								
		30	59.0							
VEGA	20	Panel	2DS	S/W	H/B					
		59.8	81.3							
		47	81.3		56.3					
BELAIR, IMPALA, CAPRICE	01	4DS	57 2DHT	4DHT	47 2DHT	CONVT.	S/W			
		65.6	63.6	65.5	64.3	-	103.6			
		29			64.1	-				
	30			65.3		-				
CORVETTE	03	2DHT								
		37.8								

ALL BLANKS - MEASUREMENTS NOT AVAILABLE

STEERING WHEEL TO BACKLIGHT DIMENSIONS

1974 PONTIACS

MODEL	WHEEL CODES								
VENTURA		H/B	2DS	4DS					
	06		59.8						
	09								
	39	60.3	58.9	62.3					
	10		59.5						
FIREBIRD		2DHT							
	06	57.0							
	07	54.6							
	39	55.6							
LEMANS		4DHT	2DHT	S/W					
	06	63.5		100.5					
	09	63.8	59.8						
	39	62.5							
CATALINA, BONNEVILLE, GRANVILLE		4DS	39 4DHT	2DHT	49 4DHT	CONVT.	S/W		
	06	64.8	67	64.6	69	-	107.5		
	39					-			
GRAND PRIX		2DHT							
	06	59.8							
	09	59.3							
ALL BLANKS - MEASUREMENTS NOT AVAILABLE									

STEERING WHEEL TO BACKLIGHT DIMENSIONS

1974 OLDSMOBILES

MODEL	WHEEL CODES	H/B	2DS	4DS	29 4DHT	37 2DHT	39 4DHT	57 2DHT	CONVT.	S/W
OMEGA	10		59.5							
	35	60.3	58.6	62.5						
CUTLASS	10									
	36				62.1	58.3		58.1		99.6
	43									
DELTA 88	44			64.3			65.3	63.1	-	104.0
	77									
98	44					67.3	68.3			
	*45					66.8	68.0			
	77						68.6			
TORONADO	44									
	*45							61.5		
	77									

* 45 is a tilt and telescoping steering wheel

ALL BLANKS - MEASUREMENTS NOT AVAILABLE

STEERING WHEEL TO BACKLIGHT DIMENSIONS

1974 BUICKS

MODEL	WHEEL CODES	H/B	2DS	4DS	29 4DHT	37 2DHT	57 2DHT	CONVT	39 4DHT	87 2DHT	S/W
APOLLO	15	60.6	59.5								
	33										
CENTURY, REGAL	15										
	40				62.4		58.5				99.5
	41				61.8						
	*42						58.1				
LESABRE	40							-	65.1		
	41						62.6	-			
	*42						62.8	-			102.3
	77						64.1				
ELECTRA 225	41										
	*42					66.3					
	77										
RIVIERA	41										
	*42										
	77										
*42 is a tilt and telescoping Steering Wheel											
OPEL		2DS	S/W								
	21										
	22										
	23										
	25	54.6									
ALL BLANKS - MEASUREMENT NOT AVAILABLE											

STEERING WHEEL TO BACKLIGHT DIMENSION

1974 CADILLACS

MODEL	WHEEL CODES	4DS	2DHT	4DHT	23 4DS	4DS	CONVT.			
FLEETWOOD BROUGHAM	46	74.5								
CALAIS, DEVILLE	46		67.3							
	77		69.3							
ELDORADO	46		60.0				-			
	77									
75 FLEETWOOD	46				93.3					
ALL BLANKS -- MEASUREMENTS NOT AVAILABLE										

1974-1975	"A" DIMENSIONS
Travelall with tail doors with tailgate	116" 115"
Light Line Pickup	32"
Scout Traveltop	88"
Scout II Cab-top	36"

	'72 IMPORTS	"A" DIMENSIONS
AUDI	90 Sedan	59
	100 LS	64
DATSUN	1200 2-Dr Sedan	59
	1200 2-Dr Sport Coupe	53.62
	1600 Pickup	31
	510 2-Dr Sedan	58.5
	510 4-Dr Sedan	58.25
	510 Station Wagon	84.5
	240 Z	42.5
DODGE COLT	2-Dr Coupe	57.5
	2-Dr H/T	57.5
	4-Dr Sedan	61
	4-Dr Station Wagon	84
FIAT	850 Spider Convertible	N/A
FORD	Capri	57
OPEL	1900	54.25
	1900 Wagon	77.25
	Rallye	53.87
	G.T.	47.5 (past side of head rest)
PLYMOUTH	Cricket 4-Dr Sedan	59
PORSCHE	911	47
	914	38.5
TOYOTA	Carina 2-Dr Sedan	58.62 (approx.)
	Corona 4-Dr Sedan	59 (approx.)
	Corona 2-Dr H/T	53 (approx.)
	Corolla 2-Dr Coupe	53.25 (approx.)
	Corolla 2-Dr Sedan	58.75 (approx.)
	Corolla Station Wagon	80.62 (approx.)
	Celica 2-Dr H/T	54.5 (approx.)
V W	Beetle	60
	Fastback	61.5
	Squareback	87.5
	411 2-Dr and 4-Dr	68
	411 3-Dr Hatchback	90

A DIMENSIONS: IMPORTS 73

<u>Make</u>	<u>Model</u>	<u>A Dimension</u>
Audi	90 Sedan - 2 dr. (Fox)	60.25
	90 Sedan - 4 dr. (Fox)	60.00
	100 LS - 4 dr.	63.25
Datsun	1200 - 2 dr. Sedan	59.00
	1200 - 2 dr. Sport Coupe	53.25
	1600 Pickup	31.25
	610 - 4 dr. Sedan	
	610 - 4 dr. Station Wagon	88.00
	610 - 2 dr. Hardtop	57.50
	240 Z	42.00
Dodge	Colt - 2 dr. Coupe	
	Colt - 2 dr. Hardtop	57.50
	Colt - 4 dr. Sedan	
	Colt - 4 dr. Station Wagon	
Fiat	850 Spider Convertible	N/A
Ford	Capri	57.00
Opel	1900 Luxus	55.00
	1900 Wagon	77.75
	Rallye Manta	55.00
	G. T.	47.50
Plymouth	Cricket - 4 dr. Sedan	None imported after 1/73
Porsche	911	48.00
	914	38.50
Toyota	Carina - 2 dr. Sedan	
	Corona - 4 dr. Sedan	
	Corona - 2 dr. Hardtop	
	Corona - Mark II MX	62.75
	Corolla - 2 dr. Coupe	54.50
	Corolla - 2 dr. Sedan	58.75
	Corolla - Station Wagon	80.62
Celica - 2 dr. Hardtop	54.50	
VW	Beetle	59.75
	Fastback	62.00
	Squareback	87.00
	412 - 2 dr.	67.75
	412 - 4 dr.	68.00
	412 - 3 dr. Hatchback	90.00
	Transporter Bus	139.00

A DIMENSIONS: PICK-UPS

Pickups Steering Wheel Hub to Backlight Dimensions

<u>Make</u>	<u>Type</u>	<u>Year</u>	<u>A Dimension</u>
GMC	100 200	70-73	32.2"
Chevrolet	C/10 C/20	70-73	32.2"
Dodge	D-100 D-200 D-300 W-100 W-200 W-300	71-73	(Conventional Cab) 35.5" (Club cab) 52.0"

GENERAL MOTORS OF CANADA

The 1974 General Motors of Canada dimensions are not shown because they are dimensionally the same as comparable U. S. models already included in this report.

General Motors of Canada models dimensions can be obtained from the comparable U.S. model dimensions as follows:

<u>Canadian Models</u>	<u>Dimensionally Same As U. S. Models:</u>
Biscayne 4-dr sedan - 1BJ69	Bel Air 4-dr. sedan - 1BK69
Biscayne 2 seat s/wagon - 1BJ35	Bel Air station wagon - 1BK35
Bel Air 2-dr H.T. coupe - 1BK57	Impala 2-dr H.T. coupe - 1BL57
Laurentian 4-dr sedan - 7BK69	Catalina 4-dr sedan - 2BL69
Laurentian 2-dr H.T. coupe - 7BK57	Catalina 2-dr H.T. coupe - 2BL57
Laurentian Safari 2&3 seat models - 7BK35 and 45	Catalina Safari - 2&3 seat models - 2 BL35 and 45
Parisienne Brougham 4-dr sedan 7BL69	Catalina 4-dr sedan - 2BL69
Parisienne Brougham 2-dr H.T. coupe - 7BL57	Catalina 2-dr H. T. coupe - 2BL57
Astre Notchback Coupe - 7HV11	Vega Notchback coupe - 1HV11
Astre Panel - 7HV05	Vega Panel - 1HV05
Astre Station Wagon - 7HV15	Vega Station Wagon - 1HV15
Astre Hatchback - 7HV77	Vega Hatchback - 1HV77

Corporation	(1) Body & Frame	(2) Unitized	(3) Integral-Stub Frame
AMC		ALL	
Chrysler		Valiant 68-75 Dart 68-75 Duster 70-75 Demon 71-75 Barracuda 68-74 Challenger 70-74 Cordoba 75	Satellite 68-74 Roadrunner, GTX, 70-74 Coronet 68-75 Charger 68-75 Belvedere 68-70 Fury 75 Colt-75
			Fury 68-74 Gran Fury 75 Polara 68-73 Monaco 68-75 Newport 68-75 New Yorker 68-75 Town & Country 68-75 Imperial 68-75
Ford	Ford 70-75 Lincoln 70-75 Mercury 70-75 Thunderbird 70-75 Continental 70-75 Torino 72-75 Ranchero 72-75 Montego 72-75 Cougar 74-75 Elite 74-75	Torino 70-71 Pinto 71-75 Mustang 70-75 Cougar 70-73 Maverick 70-75 Montego 70-71 Ranchero 70-71	Comet 70-75 Capri-75 Bobcat 75 Granada 75 Monarch 75 Falcon Fairlane
GM	Most	Vega Astre Opel Monza Starfire Skyhawk	Firebird Camaro Chevy II Nova Omega Apollo

BODY STRUCTURE: IMPORTS

<u>MAKE</u>	<u>YEAR</u>	<u>MODEL</u>	<u>BODY STRUCTURE</u>
Alfa-Romeo	69-76	A11	unitized
Audi	72-76	90 (Fox), 100LS	unitized
BMW	76	2002, 530i, 3.0Si	unitized
Datsun	72-73	1200	unitized
	72-73	1600 pickup	body-frame
	72-73	510, 610, 240Z	integral-stub
	76	A11	unitized
Dodge	72-76	Colt	unitized
Fiat	72-76	Spider conv.	unitized
	76	A11	unitized
Ford	72-76	Capri	unitized
Honda	76	Civic, CVCC	unitized
Jaguar	75-76	A11	unitized
Mazda	76	A11	unitized
Mercedes-Benz	76	A11	unitized
MG	76	Midget, MGB	unitized
Opel	72-73	A11	unitized
Plymouth	72	Cricket	unitized
Porsche	72-76	911, 912, 914	unitized
Renault	76	A11	unitized
Saab	76	99GL, EMS, Wagonback	unitized
Subaru	76	A11	unitized
Toyota	72-76	A11	unitized
Triumph	76	Spitfire, TR6	body-frame
	76	TR7	unitized
VW	49-74	Beetle, Super Beetle Fastback, Squareback	platform
	72-74	411/412	unitized
	56-74	Transporter Bus	integral-stub
	76	Beetle	unitized
	75-76	Rabbit, Dasher, Scirocco	unitized
Volvo	75-76	A11	unitized

ANTI-LOCK BRAKE SYSTEMS

	Optional	Standard
1969	T-Bird & Mark III	N/A
1970	T-Bird, Continental, Riviera, Toronado, Eldorado (Mark III until 1/6/70)	Mark III after 1/6/70
1971	T-Bird, Continental, Riviera, Toronado, Eldorado	Mark III
1972 - 1973	Continental, Mercury with 429 or 460 CID Engines, Imperial, Eldorado, Toronado	Mark IV & T-Bird

Ford System is limited to (2) wheels.

72 Foreign Imports

DIMENSIONS	Overall (in.)		
	Length	Wheelbase	Width
ALFA ROMEO 1600 Berlinetta	172.7	50.3	61.6
2000 Spider V6	167.5	50.5	61.2
2000 GT V6	161.4	51.3	62.2
ASTON MARTIN DB6 V8	180.5	53.7	70
AUDI Super 90 2-door Sedan	170.8	57.2	64
Super 90 4-door Sedan	173.8	57.2	64
Super 90 Station Wagon	173.8	57.2	64
100, 100 LS 2-door Sedan	162.5	55.1	62.1
100 G 2-door Sedan	162.5	55.1	62.1
100, 100 LS, 4-door Sedan	162.5	55.1	62.1
100 G 4-door Sedan	162.5	55.1	62.1
BENTLEY T-Series Sedan	200.0	59.75	71
BMW 2002 Sedan	161.5	55	61.5
2002 T3	161.5	55	61.5
3.0 CS Coupe	162.5	57.8	61.5
3.0 Sedan	162.5	57.8	61.5
CADILLAC Eldorado	187.5	56.7	64.8
2000 Coupe	167.8	50.7	64.8
2800 Coupe	167.8	50.7	64.8
CHRYSLER 09-21, Pallas	160.5	50	70.5
0 Suvell	160.5	50	70.5
09-21 Station Wagon	160.5	50	70.5
SM	158.5	51.1	75
CITROEN 4-door Sedan	168.6	55.0	61.4
Coupe	168.6	55.0	61.4
Coupe Station Wagon	168.6	55.0	61.4
CITROEN 4-door Sedan	167.7	54.9	62.5
Station Wagon	167.7	54.9	62.5
DAEWOO 1000 Sedan	150.0	54.7	61.0
1200 Coupe	150.0	54.7	61.0
510 4-door Sedan	150.0	54.7	61.4
510 2-door Sedan	150.0	54.7	61.4
510 Station Wagon	150.0	54.7	61.4
2400 Coupe	150.0	54.7	61.4
FIAT 1300 Coupé	150.0	49	59
108 2-door Sedan	150.0	54.4	62.4
128 Station Wagon	150.0	54.4	62.4
108 Coupe	150.0	54.4	62.4
124 Sedan	150.0	54.4	62.4
124 Spider	150.0	54.4	62.4
124 Station Wagon	150.0	54.4	62.4
HONDA 400 Sedan	143.0	47.3	52.5
400 Coupe	143.0	47.3	52.5
JAGUAR V12 Panther and 2 + 2	167.5	53.7	68.0
XJ Sedan	167.5	53.7	68.0
JENSEN Interceptor III	173	53	69.9
LOTUS Elan Drophead and Coupe	140.0	43	55
Elan 2	140	43	55.5
Elan	140	43	55.5
Elan Twin-Cam	140	43	55.5
MAZDA B400 Coupe	140.0	43.0	55.0
500 Coupe	140	43	55
500 Sedan	140	43	55
500 Wagon	140	43	55
616 Coupe	140	43	55
616 Sedan	140	43	55
616 Station Wagon	140	43	55
MEGAREE 1700	170.0	53.7	68.0
2300	170.0	53.7	68.0
2300	170.0	53.7	68.0
270 Coupe	170.0	53.7	68.0
270 SE	170.0	53.7	68.0
270 SE 4x4	170.0	53.7	68.0
270 SE 4x4	170.0	53.7	68.0

DIMENSIONS	Overall (in.)			
	Wheelbase	Length	Height	Width
200 SE 4.5	172.7	51.3	71.3	61.3
300 SE	172.7	51.3	71.3	61.3
500 (7-passenger)	245.7	59	74.8	62.5
MG-B Mk. II Roadster	91	153.19	42.53	59.94
MG-B GT Mk. II Coupe	91	153.19	42.5	59.54
Midjet Mk. III	80	157.63	43.63	54.88
NSU 1000 C	83	150	53.5	59.5
17	83	150	53.5	59.5
1200 C	96	157.5	54.7	55.5
OPEL 2-door Sedan	95.1	161.6	53	61.9
Deluxe 2-door Sedan	95.1	161.6	53	61.9
Station Wagon	95.1	161.6	53.9	61.9
1900 2-door Sedan	95.7	164.6	52.6	64.3
1900 4-door Sedan	95.7	164.6	52.6	64.3
1900 Wagon	95.7	164.6	53.3	64.3
1900 Sport Coupe	95.7	171	51.2	64.3
1900 Rallye	95.7	171	50.9	64.3
GT	95.7	161.9	47.4	62.2
PANTERA	93.4	167	43.4	71.5
PEUGEOT 304 Sedan	101.9	162.9	55.4	61.8
304 Station Wagon	101.9	158	56	61.8
504 Sedan	103	177	57.5	66.5
PORSCHE 914	96.5	152	49	65.0
911 T	89.5	163.9	51.97	63.39
911 E	89.5	163.9	51.97	63.39
911 S	89.5	163.9	51.97	63.39
RENAULT 12 Sedan	96	172.5	56.5	64.5
12 Station Wagon	96	175	57	64.5
16	105.8	168.4	57.3	64.9
ROLLS-ROYCE Silver Shadow Sedan	119.5	203.5	59.75	71
Silver Shadow Long Wheelbase Sedan	120.5	207.3	59.75	71
Corniche Coupe	119.5	203.5	58.75	72
Corniche Convertible	119.5	203.5	58.75	72
SAAB 900 Sedan	87.3	171.2	57.1	63.1
900 E Sedan	87.3	171.2	57.1	63.1
96 Sedan	93	165	53	62
Sonner III	84.6	153.5	46.9	57
Station Wagon	92	159	53	62
SUBARU 1000 4-door Sedan	95.3	153.5	54.7	63.3
G 2-door Sedan	95.3	153.5	54.7	63.3
G Station Wagon	95.3	152.8	55.7	63.3
TOYOTA Corolla 1200 Sedan	91.9	161.4	54.1	59.3
Corolla 1600 Coupe and Sedan	91.9	157.5	54.1	59.3
Corolla 1600 Station Wagon	91.9	157.5	54.1	59.3
Corolla 1400	95.5	162.3	54.5	61.3
Corolla 2000	95.5	163.9	51.6	63.0
Corona Sedan	95.7	168.2	55.1	61.5
Corona Hardtop	95.7	168.2	54.5	61.8
Mark II Sedan	98.0	171.3	53.3	63.2
Mark II Hardtop	98.0	171.3	54.0	63.2
Mark II Station Wagon	98.0	171.5	56.1	63.2
TRUMPH Stag	100	172.7	49.5	62.5
TP 6	85	155	50	58
GT Mk. 2	83	149	48	57
Spitfire Mk. III	83	149	48	57
VOLKSWAGEN Beetle	94.5	152.6	59.1	61
Karmann Ghia Coupe	94.5	164	52	64.3
VW Type 3	94.5	170.9	57.9	63.2
VW Squareback Sedan	94.5	170.2	57.9	63.2
Super Beetle	95.3	161.8	57.1	62.4
Station Wagon	94.5	170.4	73.4	69.5
411 Four Door	93.4	172.9	58.5	64.9
411 Three Door	98.4	179.2	58.5	64.9
VOLVO 142 2-door Sedan	103.2	182.7	56.7	68.1
142 2-door Sedan	103.2	182.7	56.7	68.1
141 4-door Sedan***	103.2	182.7	56.7	68.1
141 4-door Station Wagon***	103.2	182.7	56.1	68.1
141 4-door Sedan***	103.1	181.6	56.7	68.1
163E Sports Coupe	95.5	171.3	50.4	67
1600 ES Sports Coupe	96.5	172.6	50.4	67

KINETIC ENERGY (FOOT POUNDS *10³)

Take the sum total of the magnitudes of the energies (not the vector sum).
Use (9999) for Unknown, (9998) for over 9997. *

Vehicle Weight (600-4,200 lbs.)

	600	1200	1800	2100	2400	2700	3000	3300	3600	3900	4200
5	1	1	2	2	2	2	3	3	3	3	4
10	2	4	6	7	8	9	10	11	12	13	14
15	5	9	14	16	18	21	23	25	28	30	32
20	8	16	24	29	33	37	41	45	49	53	57
25	13	25	38	45	51	57	64	70	76	83	89
30	18	37	55	64	73	83	92	101	110	119	129
35	25	50	75	87	100	112	125	137	150	162	175
40	33	65	98	114	131	147	163	180	196	212	228
45	41	83	124	145	165	186	207	227	249	269	289
50	51	102	153	178	204	229	255	280	306	331	357
55	62	123	185	216	247	278	309	339	370	401	432
60	73	147	220	257	294	330	367	404	441	477	514
65	86	172	259	302	345	388	431	474	517	560	603
70	100	200	300	350	400	450	500	550	600	650	700
75	115	225	344	402	459	516	574	631	688	746	803
80	131	261	392	457	522	588	653	718	783	848	914
85	147	295	442	516	590	663	737	811	884	958	1032
90	165	330	496	578	661	744	826	909	991	1074	1157
95	184	368	552	644	736	828	921	1013	1105	1197	1289

Vehicle Weight (4,500-120,000 lbs.)

	4500	5000	6000	8000	10000	20000	30000	50000	70000	90000	120000
5	4	4	5	7	8	17	25	42	59	76	102
10	15	17	20	27	34	69	102	170	238	306	408
15	34	38	46	61	76	153	229	382	535	688	918
20	61	68	82	109	136	272	408	680	952	1224	1632
25	96	106	127	170	212	425	637	1062	1487	1912	2550
30	138	153	184	245	306	612	919	1533	2142	2754	3672
35	187	208	250	333	416	833	1249	2082	2915	3748	4998
40	245	272	320	435	544	1088	1622	2720	3803	4896	6528
45	310	344	413	551	688	1377	2065	3442	4819	6196	8262
50	382	425	510	680	850	1700	2550	4250	5950	7650	9998
55	463	514	617	823	1028	2057	3005	5142	7109	9256	12308
60	551	612	734	979	1224	2443	3612	6120	8563	11098	14598
65	646	718	862	1149	1436	2873	4309	7182	9998	13098	17398
70	750	833	1000	1333	1666	3332	5000	8330	11330	14660	19330
75	861	956	1147	1530	1912	3825	5737	9562	13330	17330	22660
80	979	1088	1306	1741	2176	4352	6523	10973	14998	19998	26398
85	1105	1223	1474	1965	2456	4913	7300	12398	17398	22398	29398
90	1239	1377	1652	2203	2754	5508	8262	13998	19998	26998	35998
95	1381	1534	1841	2455	3068	6137	9205	15998	22998	30998	40998

*This table has been recomputed since previous edition.

MAKE/MODEL CODES

COUNTRY, CORPORATION, DIVISION (abc)

1	<u>USA</u>	4	<u>England</u>
11	General Motors Corp.	419	GM Vauxhall*
111	Buick	42	Ford England*
112	Cadillac	434	Plymouth (Cricket)*
113	Chevrolet	45	British Leyland
114	Oldsmobile	451	Austin
115	Pontiac	452	Austin Healy
116	GMC Truck and Coach	453	MG
117	GMC Electromotive	454	Morris
12	Ford Motor Co.	455	Jaguar
121	Ford	456	Triumph
122	Lincoln-Mercury	458	Rover
13	Chrysler Corp.	46	Rootes
131	Chrysler	481	Aston Martin
132	Dodge	482	Lotus Elan
133	Imperial	484	Rolls Royce
134	Plymouth	486	Jensen, Jensen-Healey
135	DeSoto	489	Norton (Motorcycle)
14	American Motors Corp.		
141	American Motors	5	<u>France</u>
		531	Chrysler (Simca)*
15	Other USA Corporations	551	Citroen
151	Checker	561	Renault
152	Kaiser-Jeep	571	Peugeot
153	International		
154	Studebaker/Avanti	6	<u>Germany</u>
155	Harley-Davidson	618	GM (Opel)*
156	General Vehicles Corp. (Bricklin)	622	Ford (Capri)*
16	USA Truck Corp.	651	Mercedes Benz
160	USA Truck Corp. Unknown	661	Volkswagen
161	Brockway	662	Porsche
162	Diamond-Feo	671	BMW
163	FWD	681	Audi
164	Kenworth		
165	Mack	7	<u>Italy</u>
166	Peterbilt	722	Ford of Italy*
167	White (Autocar, Freight Liner)	751	Alfa-Romeo
168	Other USA Truck Corp.	761	Fiat
		771	Ferrari
170	Unknown/Other USA Manufacturer of Special Purpose Vehicle	731	Maserati
171	Flexible	782	Lancia
172	Freuhauf	784	Lamborghini
		8	<u>Japan</u>
191	Male Pedestrian/Bicyclist	813	Chevrolet-Isuzu (LUV Pickup)*
192	Female Pedestrian/Bicyclist	832	Dodge-Mitsubishi (Colt)*
		851	Toyo (Mazda)
2	<u>Canada</u>	861	Nissan (Datsun)
21	GM Canada*	871	Toyota
213	Chevrolet*	881	Honda
214	Oldsmobile*	882	Fugi Heavy Ind. (Subaru)
215	Pontiac*	883	Suzuki
22	Ford Canada*	884	Kawasaki
222	Lincoln-Mercury*	885	Yamaha
260	Unknown Canadian Truck Corp.		
268	Other Canadian Truck Corp.	9	<u>Other Foreign</u>
		951	Saab (Sweden)
3	<u>Australia</u>	952	Volvo (Sweden)
317	GM (Holden)*		
		000	Unknown, Missing Data

 * Corporation codes 1-4 (b) are always the same from country to country, e.g., 12 = USA/Ford and 42 = England/Ford. Codes 5-9 have different definitions in each country.

MODEL TYPE (de)

Passenger Cars

- 01 Intermediate (GM A Body)
- 02 Standard/Full Size (B Body)
- 03 Luxury (C Body) or Limousine (D Body)
- 04 Mini Specialty (Mustang II)
- 05 Personal Luxury (E Body)
- 06 Specialty/Pony (F Body)
- 07 Specialty Intermediate (A SP Body)
- 08 Compact (X Body & Y Body)
- 09 Sub-compact/Mini-Imported (VW)
- 10 Super Sport (Corvette)
- 17 Pickup-Car (Ranchero)
- 18 Sub-compact/Mini-USA (H Body)
- 19 Foreign Sports Cars (MG)
- 20 Unknown Automobile Body

<u>Size</u>	<u>Standard</u>	<u>Specialty</u>	<u>Sports</u>
Mini	09, 18	04	19
Compact	08	06	10
Intermediate	01, 17	07	--
Standard	02	05	--
Luxury/Limo	03	--	--

Multipurpose Passenger Vehicle

- 14 Utility (Jeep, Bronco)
- 15 Carryall/Panel Truck
- 16 Pickup Truck w. Canopy/Shell Cover
- 17 Pickup-Car (Ranchero)
- 17 Pickup-Car w. Canopy/Shell Cover
- 21 Motor Home
- 22 Pickup Truck w. Slide-in Camper
- 23 Pickup-Car w. Slide-in Camper
- 31 Chassis-Mounted Camper

Trucks

- 11 Small Van (Econoline)
- 12 Pickup
- 13 Unknown Light Truck (<1-1/2 Ton)
- 15 Carryall/Panel Truck
- 16 Pickup Truck w. Canopy/Shell Cover
- 22 Pickup Truck w. Slide-in Camper
- 30 Unknown Truck Type
- 31 Chassis-Mounted Camper
- 33 Delivery Van (Walk-in)
- 34 Straight Truck
- 35 Truck-Tractor
- 36 Chassis-Cab
- 37 Unknown Heavy Truck (>1-1/2 Ton)
- 38 Tractor + Semi-Trailer (Semi)
- 39 Truck (or Semi) + Full Trailer(s)

Buses

- 40 Unknown Bus Type
- 41 School Bus
- 42 Inter City (between)
- 43 Intra City (within)
- 44 Streetcar (on tracks)

Motorcycles

- 50 Unknown Motorcycle Type
- 51 1-75cc
- 52 76-125cc
- 53 126-250cc
- 54 251-500cc
- 55 501-750cc
- 56 751+cc
- 57 3-wheels (or with Sidecar)

Special Purpose Vehicles

- 60 Unknown/Other Special Vehicle
- 61 Snowmobile
- 62 ATV, All Terrain Vehicles
- 63 Amphibious Vehicle
- 64 Farm Vehicles
- 65 Construction Vehicles
- 66 Trailer-Private (camper)
- 67 Trailer-Commercial (cargo)
- 68 Train (Cars)
- 69 Locomotive, Switcher

Miscellaneous Model Types

- 70 Pedestrian
- 71 Bicyclist, Other Pedalcycle
- 72 Pedestrian Conveyance
(e.g. Person riding animal
or in cart)
- 98 Other Model Type
- 00 Unknown Model Type

VEHICLE MAKE MODEL (ABCDE): (4/76)

AMERICAN MOTORS*

14101 Classic (-70), Rebel (-70), Matador, Barcelona
14102 Ambassador (-74)
14104 Pacer (75-)
14106 Marlin, Javelin (-74), Javelin AMX (71-74)
14108 American, Hornet, Sportabout, Rogue
14110 AMX (to 70)
14118 Gremlin

KAISER MOTORS (JEEP)-AMC

15201 Wagoneer, J-100
15214 Jeep, Jeepster, CJ-5 (-75), CJ-6 (-75), Commando, CJ7 (75-)
15212 Pickup
15215 Cherokee (74-)

CHRYSLER CORPORATION (1960 to-date)

Chrysler

13102 Newport, Chrysler 300, New Yorker, Town & Country (66-)
Windsor (60,61), Saratoga (60)
13107 Cordoba

Dodge

13201 Coronet (65-), Super Bee (67-69), Charger (71-)
Dart (62), Polara (62-64)
13202 Polara (60,61,65-74), Monaco (65-), 880 (62-65),
Dart (60,61), Matador (60)
13206 Charger (66-70), Challenger (70-74), R/T, Aspen
13207 Charger SE (Special Edition) (75-)
13208 Dart (63-), GTS, Swinger (69-), Custom (69), Demon,
Lancer (61,62)
13211 Van, Sportsman Wagon, Tradesman
13212 Pickup, D100, D200, D300, Club Cab, Crew Cab,
Upline, Sweptline
13214 Ramcharger
13215 Carryall
13233 Van Walk-in, Kary Van
13234 Straight Truck
13235 Truck Tractor
13236 Tractor-Trailer Combination (Semi)
(83209) Colt

Imperial (-75)

13303 Imperial, LeBaron, Crown, Custom (60-63)

Plymouth

13401 Fury (62-64,75-), Savoy (62-64), Belvedere (62-),
Satellite (65-74), Sebring, Fury Suburban
Road Runner (-75), GTX (67-)
13402 Fury (-61) (65-74), Suburban (68-74), VIP (66-69),
Belvedere (60,61), Gran Fury (75-), Gran Fury Suburban
13406 Barracuda (67-74), Grand Coupe (70-71), Volare, Roadrunner (76-)
13408 Valiant, Barracuda (64-66), Signet (62-69)
Duster (70-), Scamp (72-)
13411 Van, Voyager
13414 Trail Duster
(43409) Cricket (71-72)
(83409) Arrow (76-)

Desoto
13502 Desoto (51), Fireflite (60), Adventurer (60)

FORD MOTOR COMPANY

Ford
12101 Fairlane, Torino, Cobra, Falcon (70 1/2-71)
12102 Custom (-74), Galaxie (-74), XL, LTD, Country Squire,
Fanch Wagon, Country Sedan
12104 Mustang II, Ghia, Mach I (74-), Cobra II (76-)
12105 Thunderbird, Landau
12106 Mustang(-73), Mach I (-73), Grande, Boss, Granada
12107 Flite (75-)
12108 Falcon (to 70), Maverick, Futura, Grabber
12111 Econoline, F100, E200, F300, Station Bus, Club Wagon
12112 Pickup, F100 to F350
12114 Bronco
12117 Ranchero
12118 Pinto
12133 Van Walk-in (P Series), Parcel Delivery
12134 Straight Truck (C,F, L Series 500 and over)
12135 Truck-Tractor (C Series, L Series, W Series)
12138 Tractor-Trailer Combinations (Semi)
12141 School Bus (B Series)
(62109) Fiesta
(82112) Courier

Lincoln-Mercury
12201 Comet (57-59) Calliente (66-68)
Montego (68-), Voyager, Villager, Cyclone (57-)
12202 Mercury Monterey, Montclair, Park Lane, Marauder,
Marguis, Colony Park
12203 Lincoln, Continental
12205 Continental Mark III, Mark IV (72-)
12206 Cougar (57-73), Monarch
12207 Cougar (74-)
12208 Comet (63-65, 71-)
12218 Bobcat (75-)
(52209) Capri (Germany), Capri II

FORD OF CANADA, LTD.

Lincoln-Mercury
22202 Meteor
22218 Mercury Bobcat (-74)

GENERAL MOTORS CORPORATION

Buick
11101 Special (64-), Skylark (-74), GS, Sportwagon, Century,
Century 350, Regal, Gran Sport
11102 Lesabre, Wildcat, Centurion
11103 Electra 225, Estate Wagon
11104 Skyhawk
11105 Riviera
11108 Special (to 63), Apollo(-75), Skylark (75-)
(61809) Opel Kadett (64-70), 1900 (71-74), Rallye, Luxus, Manta (73-76)
(61819) Opel GT
(81809) Tsuzu Opel (76-)

Cadillac

- 11203 Calais, DeVille, Fleetwood 60 Special, Brougham
Fleetwood 75, Limousine
- 11205 Eldorado, Seville

Chevrolet

- 11301 Chevelle, Malibu, Nomad, Greenbrier, Laguna, Laguna S-3 (74-)
- 11302 Biscayne, Bel Air (-75), Impala, Caprice, Brookwood,
Townsmen, Kingswood, Chevrolet Wagon, Estate Wagon
- 11304 Monza 2+2 (75-), Monza Town Coupe (75-)
- 11306 Camaro
- 11307 Monte Carlo
- 11308 Chevy II, Nova, Corvair, Monza (-69), Nova Cabriolet (75-)
- 11310 Corvette, Sting Ray
- 11311 Van, Sport Van, Beauville
- 11312 Pickup, Cheyenne
- 11314 Blazer
- 11315 Carryall, Suburban
- 11317 El Camino
- 11318 Vega, Ccsworth Vega, Chevette
- 11333 Van Walk-in, Step-Van, High Cube Van
- 11334 Straight Truck
- 11335 Truck-Tractor
- 11338 Tractor-Trailer Combination (Semi)
(81812) Chevrolet-Isuzu LUV Pickup

Oldsmobile

- 11401 F-85 (64-), Cutlass, Vista-Cruiser (73-), 442
- 11402 Delmont 88, Delta 88, Starfire, Rocket 88, 88, Jetstar
Dynamic 88, Jetstar 88, Royal, Vista Cruiser (64-72)
- 11403 98, Custom Cruiser
- 11404 StarFire
- 11405 Toronado, Toronado Brougham (74-)
- 11408 F-85 (to 63), Omega

Pontiac

- 11501 Tempest (64-), LeMans, LeMans Safari, GTO (-74),
Safari (to 69), Grand Am (-75)
- 11502 Catalina, Ventura (-69), Executive, Bonneville, Grandville (-74)
Grand Prix (to 68), Brougham, Star Chief, Chieftain
- 11503 Safari (71-), Grand Safari, Grandville (75-), Bonneville (75-)
- 11506 Firebird, Esprit, Formula, Trans Am
- 11507 Grand Prix (69-)
- 11508 Tempest (to 63), Ventura (71-), Ventura GPO (74), Ventura II
- 11518 Astre, Sunbird, Astre Safari

GMC Truck and Coach

- 11611 Sportvan, Vandura, Rally Wagon, Rally STX
- 11612 Pick-up, Crew Cab
- 11614 Jimmy
- 11615 Carryall, Suburban
- 11617 GMC Sprint
- 11621 GMC Motor Home
- 11633 Van Walk-in, Value-Van
- 11634 Straight Truck
- 11635 Truck-Tractor
- 11638 Tractor-Trailer Combination (Semi)

GENERAL MOTORS OF CANADA LTD

Chevrolet

21301 Chevelle, Chevrolet, Acadian
21302 Biscayne, Bel Air

Oldsmobile

21401 Oldsmobile

Pontiac

21501 Beaumont
21502 Pontiac, Parisienne (-70), Grand Parisienne (to 69),
Parisienne Brougham (71-), Laurentian
21503 Safari
21518 Astre, Acadian (76-)

CHECKER

15102 Checker, Marathon

INTERNATIONAL HARVESTER

15301 Traveler
15312 Pickup, Travelette, Terra
15314 Scout
15315 Travelall
15333 Van Walk-in
15334 Straight Truck
15335 Truck-Tractor
15338 Tractor-Trailer Combination (Semi)
15341 School Bus

STUDEBAKER

15405 Avanti II
15408 Lark

HARLEY-DAVIDSON

1555- Motorcycle

GENERAL VEHICLES CORPORATION

15610 Bricklin

IMPORTED VEHICLES - BY CODE (4/76)

Australia

31708 Holden

England

41908 Vauxhall
42209 Ford Anglia, Cortina, Escort
42401 Ford Zephyr
43409 Plymouth Cricket (71-72)
45--- British Leyland
45108 Austin Maxi, A60, 1800
45109 Austin Mini, Mini Cooper, America, 1300, Marina
45219 Austin Healy Sprite, 300
45319 MGA, MGB, MGC, MG, Midget, MGT/GT, MGC/GT
45409 Morris Mini
45503 Jaguar 420, XJ-6, XJ-12, V-12
45506 Jaguar XJ6C, XJ12C
45507 Jaguar XJ6L, XJ12L
45510 Jaguar E type (XKE), XJ-5
45608 Triumph 2000
45609 Triumph Herald
45619 Triumph Spitfire, GT6, TR3, TR4, TR250, TR6,
TF7, GT6+, Stag
45814 Land Rover
46--- Footes
46109 Hillman Imp, Avenger
46209 Singer
46319 Sunbeam Alpine, Tiger, Rapier
48110 Aston Martin DB5, DB6, DBS
48219 Lotus Elan, Elite, +2s, Super 7, Europa
Eclat, Esprit
48319 Morgan
48405 Rolls Royce (shadow), Rolls Royce (limo)
Corniche, Camarque
48610 Jensen, Interceptor
48619 Jensen-Healey
4895- Norton (motorcycle)

France

53109 Simca 1204, GLS
55101 Citroen 21, ID20, DS21
55108 Citroen GS
55109 Citroen 2CV, Dyane, Ami
55110 Citroen SM
56108 Renault 16
56109 Renault 5, 8, 10, 12, 15, 17
57101 Peugeot 504 Wagons
57108 Peugeot 504 Sedan
57109 Peugeot 204, 304, 404, 403
58--- Other French

Germany

61209 Fiesta
61809 Opel Kadett, 1900, Rallye, Manta
61819 Opel GT
62209 Ford Capri, Capri II
65101 Mercedes Benz 200, 190, 280S, 280SEL,
300, 300SEL, 450SE, 450SEL
65103 Mercedes 600 (limo)
65108 Mercedes Benz 230, 240D, 280, 220, 220D, 250,
280SE, 280C, 300D
65110 Mercedes Benz 280 SL, 250SL, 300SL (-73), 190SL
65119 Mercedes Benz 350SL, 450SL
66108 VW 411, 412
66109 VW 1300, 1302, 1303, 1500, 1600, "Beetle", Rabbit (75-),
LaGrande Bug (75-), Scirocco (75-), Dasher
66111 VW Van, Campmobile, "Bus"
66119 Karmann-Ghia
66120 VW Thing

66210 Porsche 911, 914-6
 66219 Porsche 912, 914, 355B, 356B, 1600s
 911S, 911 Turbo Carrera
 67108 BMW2500/2800/3000 sedans, Bavaria,
 3.3L, 525
 67109 BMW 1600, 2002, 1800, 2002tii, 1602,
 Turbo 2002
 67110 BMW 2800cs, 2800 ca, 3000 cs, 3000 ca
 6715- BMW Motorcycle
 68108 Audi 100SL, 100GL, Super 90
 68109 Audi Fox
 68119 Audi 100 Coupe
 68309 NSU 1000, 1200
 68301 NSU Ro80

Italy

72210 De Tomaso Mangusta, Pantera, Deauville
 75108 Alfa Romeo Berlina 1750 & 2000, Guila
 75109 Alfa Romeo Alfetta Sedan
 75110 Alfa Romeo Montreal
 75119 Alfa Romeo 1750 & 1600 & 2000 GTV, Spyder, Alfetta GT
 76109 Fiat 500, 650, 850, 124, 128, 131 sedans & wagons
 76110 Fiat Dino
 76119 Fiat 850, 124, 128, Coupe and Spyder, 1500 Spyder, X1/9
 77110 Ferrari, Dino
 77119 Ferrari 308GTB
 78110 Maserati, Bora, Merak, Khamsin
 78208 Lancia Berlina 4 door + wagon
 78219 Lancia 2 door
 78410 Lamborghini Espada
 78419 Lamborghini Jarama, Urraco, Countach

Japan

81109 Buick-Isuzu Opel (76-)
 81312 Chevrolet-Isuzu LUV Pickup
 82122 Ford Courier (Toyo Kogyo)
 83209 Dodge-Mitsubishi Colt
 83409 Plymouth-Mitsubishi Arrow
 85109 Mazda (except Cosmo)
 85110 Mazda Cosmo
 85112 Mazda Pickup
 86108 Datsun 200L, Laurel
 86109 Datsun 1000, Sunny, 1200 (-73), PL510, PL610,
 B-210 (74), Datsun 100A, 120A, Cherry, 710, HLB 210
 86112 Datsun PL620 Pickup
 86119 Datsun 1600, 2000, 240Z, 260Z, 280Z
 87108 Toyota Crown, MarkII
 87109 Toyota Corolla, Sprinter, Celica, Carina, Corona
 87110 Toyota 2000GT
 87112 Toyota Hi-Lux Pickup
 87114 Toyota Land Cruiser
 8815- Honda (motorcycle)
 88109 Honda, Civic, 600, S800, CVCC
 88209 Subaru
 8835- Suzuki (motorcycle)
 88309 Suzuki (automobile)
 8845- Kawasaki (motorcycle)
 8855- Yamaha (motorcycle)

Other (Sweden)

95108 Saab 95, 96, 99
 95109 Saab 99GL, EMS, WagonBack
 95115 Saab Sonnett
 95206 Volvo 164, 242, 244, 245, 264, 265
 95208 Volvo 122, 142, 144, 145, 522
 95219 Volvo F1800

IMPORTED VEHICLES - BY NAME (4/76)

75108 Alfa Romeo Berlina 1750 & 2000, Giulia
 75109 Alfa Romeo Alfetta Sedan
 75110 Alfa Romeo Montreal
 75119 Alfa Romeo 1750, 1600, 2000 GTV, Spyder, Alfetta GT
 48110 Aston Martin DB5, DB6, EBS
 68108 Audi 100LS, 100GL, Super 90
 68109 Audi Fox
 68119 Audi 100 Coupe
 45219 Austin Healy Sprite
 45219 Austin Healy 3000
 45108 Austin Maxi, A60, 1800
 45109 Austin Mini, Mini Cooper, America, 1300, Marina
 15405 Avanti II
 83409 Arrow (Plymouth)

67108 BMW 2500/2800/3000 sedans, Bavaria, 3.3L, 525
 67109 BMW 1600, 2002, 1800, 1602, 2002tii, Turbo 2002
 67110 BMW 2800cs, 2800ca, 3000cs, 3000ca

62209 Capri, Capri II, Ford
 81312 Chevrolet-Isuzu LUV Pickup
 55101 Citroen 21, ID20, DS21
 55108 Citroen GS
 55109 Citroen 2CV, Dyane, Ami
 55110 Citroen SM
 83209 Colt, Dodge-Mitsubishi
 43409 Cricket, Plymouth

86108 Datsun 200L, Laurel
 86109 Datsun 1000, Sunny, 1200 (-73), PL510, PL610,
 B-210 (74), Datsun 100A, 120A, Cherry, 710, HLB 210
 86112 Datsun PL620 Pickup
 86119 Datsun 1600, 2000, 240Z, 260Z, 280Z
 72210 DeTomaso Mangusta, Pantera, Deauville
 83209 Dodge-Mitsubishi Colt

77110 Ferrari Dino
 77119 Ferrari 308 GTB
 76109 Fiat 500, 650, 850, 124, 128, 131 sedans + wagons
 76110 Fiat Dino
 76119 Fiat 850, 124, 128, Coupe and Spyder, 1500 Spyder, X 1/9
 42209 Ford Anglia, Cortina, Escort
 62209 Ford Capri
 42401 Ford Zephyr

46109 Hillman Imp, Avenger
 31708 Holden
 8815- Honda (motorcycle)
 88109 Honda, Civic, 600, S800, CVCC

45503 Jaguar 420, XJ-6, XJ-12, V-12
 45506 Jaguar XJ6C, XJ12C
 45507 Jaguar XJ6L, XJ12L
 45510 Jaguar E type (XKE), XJ-S
 48610 Jensen Interceptor
 48619 Jensen-Healey

66119 Karmann Ghia, VW
 8845- Kawasaki (motorcycle)

78410 Lamborghini Espada
 78419 Lamborghini, Jarma, Urraco, Countach
 78208 Lancia Berlina 4 door + wagon
 78219 Lancia 2 door
 48814 Land Rover
 48219 Lotus Elan, Elite, +2s, Super 7, Europa, Eclat, Esprit
 81312 LUV Pickup, Chevrolet-Isuzu

78110 Maserati, Bora, Merak, Khamsin
 85109 Mazda (except Cosmo)
 85112 Mazda Pickup
 85119 Mazda Cosmo
 65101 Mercedes Benz 200, 190, 280 SEL, 280S
 300 SEL, 450 SE, 450 SEL
 65103 Mercedes 600 (limo)
 65108 Mercedes Benz 230, 240D, 280, 280C, 300D, 220,
 250, 280SE, 220D
 65110 Mercedes Benz 280 SL, 250 SL, 300SL(-73), 190 SL,
 450SLC
 65119 Mercedes Benz 450SL, 350SL
 45319 MGA, MGB, MGC, MG, Midget MGB/GT, MGC/GT
 45409 Morris Mini
 48319 Morgan

 4895- Norton Motorcycle
 68309 NSU 1000, 1200
 68301 NSU Ro80

 61809 Opel Kadett, 1900, Rallye, Manta
 61819 Opel GT
 81109 Opel Isuzu (76-)
 57101 Peugeot 504 Wagons
 57108 Peugeot 504 Sedans
 57109 Peugeot 204, 304, 404, 403
 43409 Plymouth Cricket (71-72)
 66210 Porsche 911, 914-6
 66219 Porsche 912, 914, 911S, 911 Turbo Carrera, 355B, 356B, 1600S

 56108 Renault 16
 56109 Renault 5, 8, 10, 12, 15, 17
 48405 Rolls Royce (shadow), Rolls Royce (limo), Corniche, Camargue
 49508 Rover

 95108 Saab 95, 96, 99
 95109 Saab 99GL, EMS, Wagonback
 95119 Saab Sonnett
 53109 Simca 1204, GLS
 46209 Singer (automobile)
 88209 SUBARU
 46319 Sunbeam Alpine, Tiger, Rapier
 88309 Suzuki (automobile)
 8835- Suzuki (motorcycle)

 87108 Toyota Corona, Crown, MarkII
 87109 Toyota Corolla, Sprinter, Celica, Carina, Corona
 87110 Toyota 2000GT
 87112 Toyota Hi-Lux Pickup
 87114 Toyota Land Cruiser
 45609 Triumph Herald
 45608 Triumph 2000
 45619 Triumph Spitfire, GT6, TR3, TR4, TR250, TR6, GT6+, Stag, TR7

 41908 Vauxhall
 95206 Volvo 242, 244, 245, 164, 264, 265
 95208 Volvo 122, 142, 144, 145, 164, 522
 95219 Volvo P1800
 66108 VW 411, 412
 66109 VW 1300, 1302, 1303, 1500, 1600, "Beetle", Rabbit (75-),
 LaGrande Bug (75-), Scirocco (75-), Dasher
 66111 VW Van, Campmobile, "Bus"
 66119 VW Karmann Ghia
 66120 VW Thing
 8855- Yamaha (motorcycle)

OCCUPATIONAL CLASSIFICATION SYSTEM

(11) PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

Accountants
 Architects
 Computer specialists
 Computer programmers
 Computer systems analysts
 Computer specialists, n.e.c.
 Engineers
 Aeronautical and astronautical engineers
 Chemical engineers
 Civil engineers
 Electrical and electronic engineers
 Industrial engineers
 Mechanical engineers
 Metallurgical and materials engineers
 Mining engineers
 Petroleum engineers
 Sales engineers
 Engineers, n.e.c.
 Farm management advisors
 Foresters and conservationists
 Home management advisors
 Lawyers and judges
 Judges
 Lawyers
 Librarians, archivists, and curators
 Librarians
 Archivists and curators
 Mathematical specialists
 Actuaries
 Mathematicians
 Statisticians
 Life and physical scientists
 Agricultural scientists
 Atmospheric and space scientists
 Biological scientists
 Chemists
 Geologists
 Marine scientists
 Physicists and astronomers
 Life and physical scientists, n.e.c.
 Operations and systems researchers and analysts
 Personnel and labor relations workers
 Physicians, dentists, and related practitioners
 Chiropractors
 Dentists
 Optometrists
 Pharmacists
 Physicians, medical and osteopathic
 Podiatrists
 Veterinarians
 Health practitioners, n.e.c.

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued

Nurses, dietitians, and therapists
 Dietitians
 Registered nurses
 Therapists
 Health technologists and technicians
 Clinical laboratory technologists and technicians
 Dental hygienists
 Health record technologists and technicians
 Radiologic technologists and technicians
 Therapy assistants
 Health technologists and technicians, n.e.c.
 Religious workers
 Clergymen
 Religious workers, n.e.c.
 Social scientists
 Economists
 Political scientists
 Psychologists
 Sociologists
 Urban and regional planners
 Social scientists, n.e.c.
 Social and recreation workers
 Social workers
 Recreation workers
 Teachers, college and university
 Agriculture teachers
 Atmospheric, earth, marine, and space teachers
 Biology teachers
 Chemistry teachers
 Physics teachers
 Engineering teachers
 Mathematics teachers
 Health specialties teachers
 Psychology teachers
 Business and commerce teachers
 Economics teachers
 History teachers
 Sociology teachers
 Social science teachers, n.e.c.
 Art, drama, and music teachers
 Coaches and physical education teachers
 Education teachers
 English teachers
 Foreign language teachers
 Home economics teachers
 Law teachers
 Theology teachers
 Trade, industrial, and technical teachers
 Miscellaneous teachers, college and university
 Teachers, college and university, subject not specified

OCCUPATION CLASSIFICATION

PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued

Teachers, except college and university
 Adult education teachers
 Elementary school teachers
 Prekindergarten and kindergarten teachers
 Secondary school teachers
Teachers, except college and university, n.e.c.
Engineering and science technicians
 Agriculture and biological technicians, except health
 Chemical technicians
 Draftsmen
 Electrical and electronic engineering technicians
 Industrial engineering technicians
 Mechanical engineering technicians
 Mathematical technicians
 Surveyors
 Engineering and science technicians, n.e.c.
Technicians, except health, and engineering and science
 Airplane pilots
 Air traffic controllers
 Embalmers
 Flight engineers
 Radio operators
 Tool programmers, numerical control
 Technicians, n.e.c.
Vocational and educational counselors
Writers, artists, and entertainers
 Actors
 Athletes and kindred workers
 Authors
 Dancers
 Designers
 Editors and reporters
 Musicians and composers
 Painters and sculptors
 Photographers
 Public relations men and publicity writers
 Radio and television announcers
 Writers, artists, and entertainers, n.e.c.
 Research workers, not specified

(12) MANAGERS AND ADMINISTRATORS, EXCEPT FARM

Assessors, controllers, and treasurers; local public administration
 Bank officers and financial managers
 Buyers and shippers, farm products
 Buyers, wholesale and retail trade
 Credit men
 Funeral directors
 Health administrators
 Construction inspectors, public administration
 Inspectors, except construction, public administration
 Managers and superintendents, building
 Office managers, n.e.c.
 Officers, pilots, and pursers; ship
 Officials and administrators; public administration, n.e.c.
 Officials of lodges, societies, and unions
 Postmasters and mail superintendents
 Purchasing agents and buyers, n.e.c.
 Railroad conductors

MANAGERS AND ADMINISTRATORS, EXCEPT FARM—Continued

Restaurant, cafeteria, and bar managers
 Sales managers and department heads, retail trade
 Sales managers, except retail trade
 School administrators, college
 School administrators, elementary and secondary
Managers and administrators, n.e.c.

(13)

SALES WORKERS

Advertising agents and salesmen
 Auctioneers
 Demonstrators
 Hucksters and peddlers
 Insurance agents, brokers, and underwriters
 Newsboys
 Real estate agents and brokers
 Stock and bond salesmen
 Salesmen and sales clerks, n.e.c.

(14)

CLERICAL AND KINDRED WORKERS

Bank tellers
 Billing clerks
 Bookkeepers
 Cashiers
 Clerical assistants, social welfare
 Clerical supervisors, n.e.c.
 Collectors, bill and account
 Counter clerks, except food
 Dispatchers and starters, vehicle
 Enumerators and interviewers
 Estimators and investigators, n.e.c.
 Expeditors and production controllers
 File clerks
 Insurance adjusters, examiners, and investigators
 Library attendants and assistants
 Mail carriers, post office
 Mail handlers, except post office
 Messengers and office boys
 Meter readers, utilities
 Office machine operators
 Bookkeeping and billing machine operators
 Calculating machine operators
 Computer and peripheral equipment operators
 Duplicating machine operators

OCCUPATION CLASSIFICATION

CLERICAL AND KINDRED WORKERS—Continued

Office machine operators—Continued

- Key punch operators
- Tabulating machine operators
- Office machine operators, n.e.c.
- Payroll and timekeeping clerks
- Postal clerks
- Proofreaders
- Real estate appraisers
- Receptionists
- Secretaries
 - Secretaries, legal
 - Secretaries, medical
 - Secretaries, n.e.c.
- Shipping and receiving clerks
- Statistical clerks
- Stenographers
- Stock clerks and storekeepers
- Teacher aides, exc. school monitors
- Telegraph messengers
- Telegraph operators
- Telephone operators
- Ticket, station, and express agents
- Typists
- Weighers
- Miscellaneous clerical workers
- Not specified clerical workers

(21) CRAFTSMEN AND KINDRED WORKERS

- Automobile accessories installers
- Bakers
- Blacksmiths
- Boilermakers
- Bookbinders
- Brickmasons and stonemasons
- Brickmasons and stonemasons, apprentices
- Bulldozer operators
- Cabinetmakers
- Carpenters
- Carpenter apprentices
- Carpet installers
- Cement and concrete finishers
- Compositors and typesetters
- Printing trades apprentices, exc. pressmen
- Cranemen, derrickmen, and hoistmen
- Decorators and window dressers
- Dental laboratory technicians
- Electricians
- Electrician apprentices
- Electric power linemen and cablemen
- Electrotypers and stereotypers
- Engravers, exc. photoengravers
- Excavating, grading, and road machine operators; exc. bulldozer
- Floor layers, exc. tile setters
- Foremen, n.e.c.
- Forgemen and hammermen
- Furniture and wood finishers
- Furriers
- Glaziers
- Heat treaters, annealers, and temperers
- Inspectors, scalers, and graders; log and lumber
- Inspectors, n.e.c.

CRAFTSMEN AND KINDRED WORKERS—Continued

- Jewelers and watchmakers
- Job and die setters, metal
- Locomotive engineers
- Locomotive firemen
- Machinists
- Machinist apprentices
- Mechanics and repairmen
 - Air conditioning, heating, and refrigeration
 - Aircraft
 - Automobile body repairmen
 - Automobile mechanics
 - Automobile mechanic apprentices
 - Data processing machine repairmen
 - Farm implement
 - Heavy equipment mechanics, incl. diesel
 - Household appliance and accessory installers and mechanics
 - Loom fixers
 - Office machine
 - Radio and television
 - Railroad and car shop
 - Mechanic, exc. auto, apprentices
 - Miscellaneous mechanics and repairmen
 - Not specified mechanics and repairmen
- Millers; grain, flour, and feed
- Millwrights
- Molders, metal
- Molder apprentices
- Motion picture projectionists
- Opticians, and lens grinders and polishers
- Painters, construction and maintenance
- Painter apprentices
- Paperhangers
- Pattern and model makers, exc. paper
- Photoengravers and lithographers
- Piano and organ tuners and repairmen
- Plasterers
- Plasterer apprentices
- Plumbers and pipe fitters
- Plumber and pipe fitter apprentices
- Power station operators
- Pressmen and plate printers, printing
- Pressman apprentices
- Rollers and finishers, metal
- Roofers and slaters
- Sheetmetal workers and tinsmiths
- Sheetmetal apprentices
- Shipfitters
- Shoe repairmen
- Sign painters and letterers
- Stationary engineers
- Stone cutters and stone carvers
- Structural metal craftsmen
- Tailors
- Telephone installers and repairmen
- Telephone linemen and splicers
- Tile setters
- Tool and die makers
- Tool and die maker apprentices
- Upholsterers
- Specified craft apprentices, n.e.c.
- Not specified apprentices

OCCUPATION CLASSIFICATION

CRAFTSMEN AND KINDRED WORKERS—

Continued

Craftsmen and kindred workers, n.e.c.
Former members of the Armed Forces

(22) OPERATIVES, EXCEPT TRANSPORT

Asbestos and insulation workers
Assemblers
Blasters and powdermen
Bottling and canning operatives
Chainmen, rodmen, and axmen; surveying
Checkers, examiners, and inspectors; manufacturing
Clothing ironers and pressers
Cutting operatives, n.e.c.
Dressmakers and seamstresses, except factory
Drillers, earth
Dry wall installers and lathers
Dyers
Filers, polishers, sanders, and buffers
Furnacemen, smeltermen, and pourers
Garage workers and gas station attendants
Graders and sorters, manufacturing
Produce graders and packers, except factory and farm
Heaters, metal
Laundry and dry cleaning operatives, n.e.c.
Meat cutters and butchers, exc. manufacturing
Meat cutters and butchers, manufacturing
Meat wrappers, retail trade
Metal platers
Milliners
Mine operatives, n.e.c.
Mixing operatives
Oilers and greasers, exc. auto
Packers and wrappers, except meat and produce
Painters, manufactured articles
Photographic process workers
Precision machine operatives
 Drill press operatives
 Grinding machine operatives
 Lathe and milling machine operatives
 Precision machine operatives, n.e.c.
Punch and stamping press operatives
Riveters and fasteners
Sailors and deckhands
Sawyers
Sewers and stitchers
Shoemaking machine operatives
Solderers
Stationary firemen
Textile operatives
 Carding, lapping, and combing operatives
 Knitters, loopers, and toppers
 Spinners, twistors, and winders
 Weavers
 Textile operatives, n.e.c.
Welders and flame-cutters
Winding operatives, n.e.c.
Machine operatives, miscellaneous specified
Machine operatives, not specified
Miscellaneous operatives
Not specified operatives

(23) TRANSPORT EQUIPMENT OPERATIVES

Boatmen and canalmen
Bus drivers
Conductors and motormen, urban rail transit
Deliverymen and routemen
Fork lift and tow motor operatives
Motormen; mine, factory, logging camp, etc.
Parking attendants
Railroad brakemen
Railroad switchmen
Taxicab drivers and chauffeurs
Truck drivers

(24) LABORERS, EXCEPT FARM

Animal caretakers, exc. farm
Carpenters' helpers
Construction laborers, exc. carpenters' helpers
Fishermen and oystermen
Freight and material handlers
Garbage collectors
Gardeners and groundskeepers, exc. farm
Longshoremen and stevedores
Lumbermen, raftsmen, and woodchoppers
Stock handlers
Teamsters
Vehicle washers and equipment cleaners
Warehousemen, n.e.c.
Miscellaneous laborers
Not specified laborers

(31) FARMERS AND FARM MANAGERS

Farmers (owners and tenants)
Farm managers

(32) FARM LABORERS AND FARM FOREMEN

Farm foremen
Farm laborers, wage workers
Farm laborers, unpaid family workers
Farm service laborers, self-employed

(41) SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD

Cleaning service workers
 Chambermaids and maids, except private household
 Cleaners and charwomen
 Janitors and sextons

Food service workers
 Bartenders
 Busboys
 Cooks, except private household
 Dishwashers
 Food counter and fountain workers
 Waiters
 Food service workers, n.e.c., except private household

**SERVICE WORKERS, EXC. PRIVATE
HOUSEHOLD—Continued**

Health service workers

Dental assistants
Health aides, exc. nursing
Health trainees
Lay midwives
Nursing aides, orderlies, and attendants
Practical nurses

Personal service workers

Airline stewardesses
Attendants, recreation and amusement
Attendants, personal service, n.e.c.
Baggage porters and bellhops
Barbers
Boarding and lodging house keepers
Bootblacks
Child care workers, exc. private household
Elevator operators
Hairdressers and cosmetologists
Personal service apprentices
Housekeepers, exc. private household
School monitors
Ushers, recreation and amusement
Welfare service aides

Protective service workers

Crossing guards and bridge tenders
Firemen, fire protection
Guards and watchmen
Marshals and constables
Policemen and detectives
Sheriffs and bailiffs

(42) **PRIVATE HOUSEHOLD WORKERS**

Child care workers, private household
Cooks, private household
Housekeepers, private household
Laundresses, private household
Maids and servants, private household

- (50) Housewife
(60) Student
(70) Military
(80) Retired
(90) Unemployed (over a month)
(00) Unreported, Unknown

Note: If several jobs, use major time
If temp. unemployed, use last job

RESTRAINT SYSTEM: BELT AVAILABILITY

Standard Lap Belt Equipment

	<u>GM</u>	<u>Chrysler</u>	<u>Ford</u>	<u>AMC</u>
Two front-seat Lap Belts	1/64	Jan. 4, 1964	Jan. 1, 1964	Jan. 1, 1964
Two rear-seat Lap Belts	1966 Model Yr	April 1, 1965	1966 Model Yr	1966 Model Yr
All Designated Seat. Pos. (Mandatory Jan. 1, 1968)	1968 Model Yr	Jan. 1, 1968	Jan. 1, 1968	Jan. 1, 1968

Optional Shoulder-Belt Equipment

	<u>GM</u>	<u>Chrysler</u>	<u>Ford</u>	<u>AMC</u>
Shoulder Belts (Front seat)	2/1/66	1967 Model Yr	1967 Model Yr	1967 Model Yr

VW - Standard Equipment

	<u>Lap*</u>	<u>3-Point Static Belt**</u>	<u>3-Point with Inertial Reel**</u>
Beetle	1967	1968	1972
Superbeetle	--	--	1972
Fastback/Squareback	1967	1968	1972
411/412	--	--	1972
Transporter Bus	1968	1968	—

*All designated seating positions

**Outboard front seat position only

RESTRAINT SYSTEM: CHILD RESTRAINTS

Child Restraint Codes (6-25-73)

I. Harness Restraint

A. Anchored by strap over seat to floor

10. Unknown or other harness anchored to floor
11. Sears Child Safety Harness # 6401
12. Sears Child Safety Harness # 6402
13. Irvin Auto Safety Harness # CH-102
14. Wards Harness # 6686053
15. Volpex Harness # (-2000)
16. Mark IV Monitor Harness # 61B12690 (Wards)

B. Anchored by adult lap belt

17. Unknown or other harness anchored by lap belt
18. Life Auto Babe Nylon Car Harness
19. Circle Square Ba-Ba Safety Harness

C. Anchored by straps from the waist to the floor

20. Unknown or other harness anchored with waist straps
21. American Motors Harness # 8992100
22. American Motors Harness # CV250

II. Seat Type Restraint

A. Rear facing and anchored by adult lap belt

23. Unknown or other rear facing seat
24. GM Infant Carrier # 0993970

B. Encapsulating shell with anchorage by adult lap belt

25. Unknown or other encapsulating shell
26. Ford Tot Guard
27. Donlee Plastics Safety Seat (Guardwell)
28. Firestone Protecta Tot
29. Bobby Mac Safety Shield (Hookunder)
30. Irvin Industries "Irvin The Magnificent"

*C. Forward facing seat - Hookover and Hookunder type

34. Unknown or other hookover and hookunder
35. Bunny-Bear Seat # T8905H

*D. Forward facing seat - Hookover type (all non-pedestal)

36. Unknown or other hookover seat
37. Union Carbide High Back Sports Car Seat (no headrest)
38. Thayer Seat # 34936 (no headrest)
39. Century Seat # 4625 (no headrest)
40. Fabric seat and back with no child seat belts (no headrest)
41. International Seat # 4513
42. Strolee Seat # 509
43. Trimble Products Seat (Wards # 821)
44. Peterson Swinger Seat # 60EC
45. Five-Filer Brothers Bail Seat
46. George B. Walker Safety Seat (also with straps to go around seat and anchor to floor)

*E. Forward facing seat - Hookunder type

47. Unknown or other hookunder seat
48. Jamy Seat # 5420
49. Bunny Bear Seat # 3505
50. Ross Derry Seat
51. Fitz-All Kantwet Child Seat (tiltable), Kant-Wet noozer # 872

NOTE: Child seats referring to head restraint availability can be integral or separate.

* All forward facing seats are tubular pedestal, with padded handbar and head restraint, and with separate child seat belts unless noted otherwise.

52. Bunny Bear N-50 (hookunder bends down, in foreign cars)
53. Trimble-Guardian Child Seat # 8750-879
54. International Seat # 4613 (no headrest)
55. Century Seat # 4865 (no headrest)
56. Dennis Mitchell Seat (no headrest)
57. Five Filer Brothers Hookunder Seat (No head rest)
58. Sears Seat # 28104000 (GM Made) (high cushion pedestal, no headrest)
59. GM Standard Seat # 993502 (high cushion, pedestal, no handbar, no headrest)

*F. Forward facing seat - anchored by adult lap belt

65. Unknown or other seat anchored by lap belt
66. Strolee Seat # 589, # 590 (Wards # 6101)
67. Trimble Seat # 875 (Wards # 6102)
68. Century Seat # 4845
69. Thayer Bobby-Mac Tri-Chair
70. Bunny Bear 61 E-Z Fit
71. Peterson Seat # 61, 63, 68
72. Teddy Tot 620 (Sears # 85285), 6600
73. Kantwet # 78
74. Sears Seat # 5516 (high cushion pedestal, hookover, no handbar, no headrest, no child seat belts)
75. Sears Safety Seat # 2-AR6401 (molded plastic shell, non pedestal, no head restraint, no handbar, harness belts)
80. Unknown or other like Cosco Go-Seat
81. Hamilton Cosco Go-Seat (steel rod pedestal, no handbar, no head restraint, no child seat belts)
82. Unknown or other high cushion only
83. Beam's Tot Booster Cushion (high cushion pedestal, no seat back, no handbar, no head restraint, no child seat belts)
84. Kelly Kiddy Maddy (high cushion pedestal, no seat back, no handbar, no head restraint, no child seat belts)

*G. Forward facing seat - tiedown with strap around adult seat back

85. Unknown or other strapped around seat back
86. Strolee Seat # 587
87. Volvo Child Safety Seat (molded child seat back, straps to adult seat back, no other features, for use in reversed adult seat)

H. Forward facing seat - rear seat mounted, rear deck and floor, non pedestal, no handbar, with head restraints and child seat belts.

88. Unknown or other seat strapped to floor
89. KL Jeenay Child Safety Seat
90. Klippan Safety Seat
95. Harness restraint - unknown type
96. Unknown rear-facing child seat
97. Unknown forward-facing child seat
00. Unknown if child seat involved
98. Child seat of completely unknown type
99. Not applicable - no child seat

Standard Head Restraint Equipment

(Mandatory January 1, 1969)

GM	1969 Model Year
Chrysler	January 1, 1969
Ford	January 1, 1969
AMC	1969 Model Year

Optional Head Restraint Equipment

GM	Before 1967
Chrysler	1967
Ford	1967
AMC	Before 1967

Volkswagon - Standard Integral Head Restraints

Beetle	1968 Model Year
Super Beetle	1971 Model Year
Transporter, Bus	Optional in 1973
Fastback, Squareback	1968 Model Year
411/412	1971 Model Year

Lap Belt Locking Retractors (1/72 MVMA)

1. GM

Standard on C-body (make/model code = 03, 05)
e.g., Olds 98, Electra, Cadillac, Riviera, Toronado

2. Ford

1970--all except Maverick = option (3-point system
= locking retractor)

1971--all except Maverick, Comet, and Pinto optional
(3-point system = locking retractor)

3. Chrysler

1969--all larger cars (make/model = 02, '03, and 05)
1970--none standard
1971--Imperial

4. AMC

RESTRAINT SYSTEM: LOCKING RETRACTORS, IMPORTS

Restraint System

	'72 IMPORTS	Type	Lap Retractor	Shoulder Retractor
AUDI	90 Sedan	3 pt	One Inertia Reel	for Both
	100 LS	3 pt	One Inertia Reel	for Both
DATSUN	1200 2-Dr Sedan	3 pt	Locking	None
	1200 2-Dr Sport Coupe	3 pt	Locking	None
	1600 Pickup	3 pt	None	None
	510 2-Dr Sedan	3 pt	None	None
	510 4-Dr Sedan	3 pt	Locking	None
	510 Station Wagon	3 pt	Locking	None
	240 Z	3 pt	Locking	None
DODGE COLT	2-Dr Coupe	3 pt	Locking	None
	2-Dr H/T	3 pt	Locking	None
	4-Dr Sedan	3 pt	None	None
	4-Dr Station Wagon	3 pt	Locking	None
FIAT	850 Spider Convertible	2 pt	Locking	N/A
FORD	Capri	3 pt	Inertia Reel	None
OPEL	1900	3 pt	Locking	None
	1900 Wagon	3 pt	Locking	None
	Rallye	3 pt	Locking	None
	G.T.	3 pt	Locking	None
PLYMOUTH	Cricket 4-Dr Sedan	3 pt	Locking	None
PORSCHE	911	3 pt	None	None
	914	3 pt	One Inertia Reel	for Both
TOYOTA	Carina 2-Dr Sedan	3 pt	Locking	None
	Corona 4-Dr Sedan	3 pt	Locking	None
	Corona 2-Dr H/T	3 pt	Locking	None
	Corolla 2-Dr Coupe	3 pt	Locking	None
	Corolla 2-Dr Sedan	3 pt	Locking	None
	Corolla Station Wagon	3 pt	Locking	None
	Celica 2-Dr H/T	3 pt	Locking	None
V W	Beetle	3 pt	One Inertia Reel	for Both
	Fastback	3 pt	One Inertia Reel	None
	Squareback	3 pt	One Inertia Reel	None
	411 2-Dr and 4-Dr	3 pt	None	None
	411 3-Dr Hatchback	3 pt	None	None

RESTRAINT SYSTEM: LOCKING RETRACTORS
IMPORTS, 73

Restraint System

<u>M e</u>	<u>Model</u>	<u>Type</u>	<u>Lap Retractor</u>	<u>Shoulder Retractor</u>
Audi	90 Sedan - 2 dr. (Fox)	3 pt	One Inertia	Reel for both
	90 Sedan - 4 dr. (Fox)	3 pt	One Inertia	Reel for both
	100 LS - 4 dr.	3 pt	One Inertia	Reel for both
Datsun	1200 - 2 dr. Sedan	3 pt	Locking	None
	1200 - 2 dr. Sport Coupe	3 pt	Locking	None
	1600 Pickup	3 pt	None	None
	610 - 4 dr. Sedan			
	610 - 4 dr. Station Wagon	3 pt	Locking	None
	610 - 2 dr. Hardtop	3 pt	Locking	None
	240 Z	3 pt	Locking	None
Dodge	Colt - 2 dr. Coupe			
	Colt - 2 dr. Hardtop	3 pt	Locking	None
	Colt - 4 dr. Sedan			
	Colt - 4 dr. Station Wagon			
Fiat	850 Spider Convertible	2 pt	Locking	None
Ford	Capri	3 pt	One Inertia	Reel for both
Opel	1900 Luxus	3 pt	Locking	
	1900 Wagon	3 pt	Locking	None
	Rallye Manta	3 pt	Locking	None
	G. T.	3 pt	Locking	None
Plymouth	Cricket - 4 dr. Sedan	None imported after 1/73		
Porsche	911	3 pt	One Inertia	Reel for both
	914	3 pt	One Inertia	Reel for both
Toyota	Carina - 2 dr. Sedan			
	Corona - 4 dr. Sedan			
	Corona - 2 dr. Hardtop			
	Corona - Mark II MX	3 pt	Locking	None
	Corolla - 2 dr. Coupe	3 pt	Locking	None
	Corolla - 2 dr. Sedan	3 pt	Locking	None
	Corolla - Station Wagon	3 pt	Locking	None
	Celica - 2 dr. Hardtop	3 pt	Locking	None
VW	Beetle	3 pt	One Inertia	Reel for both
	Fastback	3 pt	One Inertia	Reel for both
	Squareback	3 pt	One Inertia	Reel for both
	412 - 2 dr.	3 pt	One Inertia	Reel for both
	412 - 4 dr.	3 pt	Inertia Reel	None
	412 - 3 dr. Hatchback			

Airbag availability (optional)

- 1972 Mercury - factory-installed for right-front passenger only (single level).
- Some driver air bags of add-on type
 - no center front position
 - no knee restraint
- GM
- factory-installed air bags for driver and passenger
 - driver's side is single-level
 - passenger air bag is equipped for high and low level deployment
 - have knee restraints
 - available on 1973 Impala and 1974-76 full-sized Buick, Oldsmobile, and Cadillac

Active restraints on air bag cars

1972 Mercury air bag cars have lap and shoulder belts for driver and right-front occupants with an ignition interlock system (buckling lap belts behind occupant will not deactivate system)

1973 air bag-equipped Impalas have no factory-installed active restraints

1974-76 GM air bag cars have lap belts for all seated positions but no warning light or buzzer.

Volkswagon passive restraint system

- 2-point restraints (shoulder belt attached to door) with knee bar
- available as an option on 1975 Rabbit and as standard equipment on 1976 Deluxe Rabbits (not available as an option in 1976)

RESTRAINT SYSTEM USAGE CODE

FIRST COLUMN		SECOND COLUMN	
<u>Lap Belt</u>		<u>Upper Torso Restriant</u>	
<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
0	None Used	0	None Used
1	Non-Locking Retractor, Used	1	Non-Locking Retractor, Used
2	Inline Retractor, Used	2	Inline Retractor, Used
3	Automatic Locking Retractor, Used	3	Automatic Locking Retractor, Used
4	Inertia Retractor, Used	4	Inertia Retractor, Used
5	No Retractor, Used	5	No Retractor, Used
6	Competition Type (3" webbing)	6	Competition Type (Double Strap)
7	Airplane Type (4" webbing)	7	
8	Used, Type Unknown or Other	8	Used, Type Unknown or Other
9	Unknown Useage	9	Unknown Useage

USE OF RESTRAINT CODES

<u>Code</u>	<u>When to Use</u>
1-7	Use these codes only if the particular lap-belt or shoulder belt was <u>used</u> . If lap-belt only was <u>used</u> , then use "0" in 2nd column
8	Use when restraint was <u>used but type unknown</u> or other than 1-7
0	Use this if restraint was <u>not used</u> , even if it was not available for use or availability is not known.
9	Use this if usage is unknown, even if type available is known.

TYPICAL COMBINATIONS

- 10 Lap-Belt only used (Standard, Front Seat)
- 15 Lap-Shoulder Belt Used (Standard, Front Seat)
- 20 Lap-Belt only used (Standard, Rear Seat)

	'72 IMPORTS	Folding Seatbacks	
		Front	Rear
AUDI	90 Sedan	2	2
	100 LS	2	2
DATSUN	1200 2-Dr Sedan	1	2
	1200 2-Dr Sport Coupe	1	1 (locks on both sides)
	1600 Pickup	1	3
	510 2-Dr Sedan	1	2
	510 4-Dr Sedan	1	2
	510 Station Wagon	1	1 (locks on both sides)
	240 Z	1	3
DODGE	2-Dr Coupe	1	2
	2-Dr H/T	1	2
COLT	4-Dr Sedan	1	2
	4-Dr Station Wagon	1	1 (locks on both sides)
FIAT	850 Spider Convertible	1	3
FORD	Capri	1	2 (rear seat armrest)
OPEL	1900	1	2
	1900 Wagon	1	1 (locks on both sides)
	Rallye	1	2
	G.T.	1	3
PLYMOUTH	Cricket 4-Dr Sedan	2	2
PORSCHE	911	1	1 (strap&snap both sides)
	914	2	3
TOYOTA	Carina 2-Dr Sedan	1	2
	Corona 4-Dr Sedan	2	2
	Corona 2-Dr H/T	1	1 (locks on both sides)
	Corolla 2-Dr Coupe		
	Corolla 2-Dr Sedan	1	2
	Corolla Station Wagon	1	1 (locks on both sides)
	Celica 2-Dr H/T	1	2
V W	Beetle	1	1 (locks on both sides)
	Fastback	1	2
	Squareback	1	1 (locks on both sides)
	411 2-Dr and 1-Dr	1	2
	411 3-Dr Hatchback	1	1 (locks on both sides)

1=yes 2=no 3=not applicable

Folding Seatbacks

<u>Make</u>	<u>Model</u>	<u>Front</u>	<u>Rear</u>
Audi	90 Sedan - 2 dr. (Fox)	1	2
	90 Sedan - 4 dr. (Fox)	2	2
	100 LS - 4 dr.	1	2
Datsun	1200 - 2 dr. Sedan	1	2
	1200 - 2 dr. Sport Coupe	1	1*
	1600 Pickup	1	3
	610 - 4 dr. Sedan		
	610 - 4 dr. Station Wagon	1	1*
	610 - 2 dr. Hardtop	1	2
	240 Z	1	3
Dodge	Colt - 2 dr. Coupe		
	Colt - 2 dr. Hardtop	1	2
	Colt - 4 dr. Sedan		
	Colt - 4 dr. Station Wagon		
Fiat	850 Spider Convertible	1	3
Ford	Capri	1	2
Oldsmobile	1900 Luxus	1	2
	1900 Wagon	1	1*
	Rallye Manta	1	2
	G. T.	1	3
Plymouth	Cricket - 4 dr. Sedan	None imported after 1/73	
Porsche	911	1	1*
	914	2	3
Toyota	Carina - 2 dr. Sedan		
	Corona - 4 dr. Sedan		
	Corona - 2 dr. Hardtop		
	Corona - Mark II MX	1	2
	Corolla - 2 dr. Coupe	1	2
	Corolla - 2 dr. Sedan	1	2
	Corolla - Station Wagon	1	1*
	Celica - 2 dr. Hardtop	1	2
VW	Beetle	1	1*
	Fastback	1	2
	Squareback	1	1*
	412 - 2 dr.	1	2
	412 - 4 dr.	1	2
	412 - 3 dr. Hatchback		

*Locks on both sides

1=no 2=yes 3=not applicable

74 AMERICAN MOTORS SEAT BACK ANGLES

Hornet	Hatchback	64°
	4-Dr Sedan	66°
	2-Dr Sedan	66°
	Wagon	66°
Matador	4-Dr Sedan	66°
	Coupe	66°
	Wagon	66°
Gremlin	2-Dr	66°
Javelin	2-Dr	64°
Ambassador	4-Dr Sedan	66°
	Wagon	66°

1975-1976 AMC Seat Back Angles

<u>Name</u>	<u>Model</u>	<u>1975</u>	<u>1976</u>
Gremlin	7540	64°	64°
Hornet	7501	64°	64°
Pacer	7560	66°	66°
Matador (2-Door)	7516	64° Bucket Seat 66° All Other Type Seats	64° All Seats
Matador (4-Door)	7580	64° Bucket Seat 66° All Other Type Seats	64° All Seats

SEAT BACK ANGLES: CHRYSLER

71-73 CHRYSLER FRONT SEAT BACK ANGLES

All Models $64.5^{\circ} \pm 1^{\circ}$

1974-1976 CHRYSLER FRONT SEAT BACK ANGLES

All Chrysler cars except Colt 64°

Colt not available

1970 Ford Front Seat Back Angles

MODEL & YEAR:	MAVERICK	MUSTANG			COUGAR		MONTEGO					
SERIES NUMBER:	62	65	63	76	65	76	54	57	62	65	71	76
Front Seat (Bench) Back Angle to Horizontal	68°						66.5°	*	66.8°	66.8°	67.5°	*
(Bucket)		68°	*	*	68°	*				66°		66°

MODEL & YEAR:	TORINO								T-BIRD	MARK III	LINCOLN		
SERIES NUMBER:	54	57	62	63	65	66	71	76	65	57	65	65	53
Front Seat (Bench) Back Angle to Horizontal	66.5°	*	66.8°	*	66.8°	68°	67.5°	*	67.5°	67°	68°	67°	69°
(Bucket)				*	66.8°	68°		66.8°	67.5°				

MODEL & YEAR:	FORD - 1970							MERCURY - 1970						
SERIES NUMBER:	54	57	62	63	65	71	76	54	53	57	65	63	76	71
Front Seat (Bench) Back Angle to Horizontal	66°	*	*	*	*	65°	67°	66°	*	*	*	*	*	67°
(Bucket)				65°			65°					65°	65°	

NOTE: All dimensions reflect curb attitude.

*=same as base model

**=same as model-57.

Series NumberBody Style

53	4-dr. Sedan (Concealed "B" - Pillar)
54	4-dr. Sedan
57	4-dr. Hardtop
62	2-dr. Sedan
63	2-dr. Hardtop (Fastback)
65	2-dr. Hardtop
66	2-dr. Pickup Type Car (Ranchero)
71	4-dr. Station Wagon
76	2-dr. Convertible

1971 Ford Front Seat Back Angles

VEHICLE ACCIDENT INVESTIGATION DIMENSIONS

Model & Year Series #	Maverick '71		Comet '71		Pinto '71	Mustang '71		Cougar '71		Torino '71				Montego '71							
	62	54	62	54	62	65	63	76	65	76	54	57	63	65	66	71	76	54	57	65	71
Front Seat Back* (Bench)	66.2°	66.2°	66.2°	66.2°	--						66.5°	+	66.8°	68°	67.5°	+		66.5°	+	66.8°	67.5°
Angle to Horizontal (Bucket)	70.2°	--	70.2°	--	71°	70°	+	+	70°	+	--	+	66.0°	68°	--	66.8°		--	+	66.0°	

*Dimensions at Curb Attitude

+Same as Base Model

Model & Year Series #	T-Bird '71		Mark III '71		Ford '71		Mercury '71				Lincoln '71		Capri			
	65	57	65	68°	54	53	57	65	71	65	53	57	71	65	53	
Front Seat Back* (Bench)	67.5°	67°	68°		65.5°	+	+	66°	65.5°	65.5°	66°	65.5°	65.5°	67.5°	68°	64.0 (- .6)
Angle to Horizontal (Bucket)	67.5°				68.5°				68.5°		68.5°					

SERIES NUMBER	BODY STYLE	SERIES NUMBER	BODY STYLE
53	4-Dr. Sedan (Concealed "B"-Pillar)	65	2-Dr. Hardtop
54	4-Dr. Sedan	66	2-Dr. Pickup Type Car (Ranchero)
57	4-Dr. Hardtop	71	4-Dr. Station Wagon
62	2-Dr. Sedan	76	2-Dr. Convertible
63	2-Dr. Hardtop (Fastback)		

SEAT BACK ANGLES: FORD 72

Model & Year Series Number	Maverick - 1972		Comet - 1972		Pinto - 1972			Capri
	62	54	62	54	62	74	73	
Front Seat Back** (Bench)	66.2°	66.2°	66.2°	66.2°				
Angle to Horizontal (Bucket)	70.2°		70.2°		71.3°	71.3°	70.0°	63.6°
Door Sill Angle** to Horizontal	-0.5°	-0.5°	-0.5°	-0.5°	-0.6°	-0.6°	0.0°	+0.6°

Model & Year Series Number	Thunderbird - 1972	Mark IV - 1972
	65	65
Front Seat Back** (Bench)	68.5°	63°
Angle to Horizontal (Bucket)		
Door Sill Angle** to Horizontal	0.5°	0.5°

Overall Length	225.0	225.0
Model and Year	Lincoln - 1972	
Series Number	65	53
Front Seat Back** (Bench)		
Angle to Horizontal (Bucket)	67.5°	68°
Door Sill Angle** to Horizontal	0.5°	0°

Model and Year	Ranchero					Montego - 1972			
	Torino - 1972								
Series Number	53	63	65	66	71	53	65	63	71
Front Seat Back** (Bench)	64°	64°	64°	64°	64°	64°	64°	64°	64°
Angle to Horizontal (Bucket)	68.5°	68.5°	68.5°	68.5°	68.5°	68.5°	68.5°	68.5°	68.5°
Door Sill Angle** to Horizontal	0.5°	0.0°	0.0°	0.0°	0.5°	0.5°	0.0°	0.0°	0.5°

Model and Year	Mustang - 1972			Cougar - 1972	
Series Number	65	63	76	65	76
Front Seat Back** (Bench)					
Angle to Horizontal (Bucket)	70°	*	*	70°	*
Door Sill Angle** to Horizontal	0.5°	*	*	0.5°	*

* same as model 54
 \$ same as model 71
 # same as model 65
 0 same as model 53

Model and Year	Ford - 1972						Mercury - 1972			
	4-Dr. sedan	4-Dr. sedan p11. hdtip.	4-Dr. hdtip.	2-Dr. hdtip.	2-Dr. conv.	4-Dr. station wagon	65	53	57	71
Series Number	54	53	57	65	76	71	65	53	57	71
Front Seat Back** (Bench)	65.5°	*	*	66°	*	66.5°	#	*	*	\$
Angle to Horizontal (Bucket)				68.5°	#		#			
Door Sill Angle** to Horizontal	0.3°	*	*	0.2°	*	*	#	*	*	*

SERIES NUMBER	BODY STYLE
53	4-Dr. Sedan (Concealed "B"-Pillar)
54	4-Dr. Sedan
57	4-Dr. Hardtop
62	2-Dr. Sedan
63	2-Dr. Hardtop (Fastback)

SERIES NUMBER	BODY STYLE
65	2-Dr. Hardtop
66	2-Dr. Pickup Type Car (Ranchero)
71	4-Dr. Station Wagon
76	2-Dr. Convertible

1974 FORD MOTOR COMPANY CARS

	SEAT BACK ANGLE	Seat Back Angle	Door Sill Angle
Maverick	2 Door Sedan	66°	-0.2°
	2 Door Grabber	66	-0.2
	4 Door Sedan	66	-0.5
Comet	2 Door Sedan	66	-0.2
	4 Door Sedan	66	-0.5
Pinto	2 Door Sedan	64	-0.1
	3 Door Model	64	-0.1
	2 Door Wagon	64	-0.9
Torino/Ranchero	4 Door Sedan/Hardtop	64	-0.1
	2 Door Hardtop	64	0.0
	Ranchero	64	-0.7
	Station Wagon	64	-0.3
Montego	4 Door Sedan/Hardtop	64	-0.1
	2 Door Hardtop	64	0.0
	Station Wagon-4 Door	64	-0.3
Mustang	3 Door 4 Pass. Hatchback	64	0.0
	2 Door 4 Pass. Notchback	64	unk.
Cougar	2 Door Hardtop	64	0.0
Ford	4 Door Pillar Hardtop	63.4	0.0
	4 Door Hardtop	63.4	0.0
	2 Door Hardtop	63.4	0.0
	Station Wagons	63.4	0.5
Lincoln	2 Door Hardtop	64.5	0.3
	4 Door Sedan/Hardtop	64.5	0.0
Thunderbird	2 Door Hardtop	64	-0.2
Mark IV	2 Door Hardtop	64	-0.2
Mercury	2 Door Hardtop	63.4	0.0
	4 Door Pillar Hardtop	63.4	0.0
	4 Door Hardtop	63.4	0.0
	4 Door 6 Pass. (Monterey, Rideau, Montcalm, Marquis)	63.4	0.0
			0.5

1975 FORD SEAT BACK ANGLES

	<u>SERIES NUMBER</u>	<u>SEAT BACK ANGLE L</u>	<u>DOOR SILL ANGLE</u>
Capri	75	74.0°	+1.0
Comet	62	66.0°	-0.2
	54	66.0°	-0.5
Cougar	65	64.0°	0
Ford	53	65.5°	0
	60	65.5°	0
	71	65.5°	0
Granada 2-Door	66	64.8°	-0.4
4-Door	54	64.8°	-0.4
Lincoln	65	67.0°	+3
	53	67.0°	0
Mark IV	65	64.0°	-.2
Maverick	62	66.0°	-.2
	54	66.0°	-.5
Mercury	65	65.5°	0
	53	65.5°	0
	71	65.5°	0
Monarch 2-Door	66	64.8°	-.4
4-Door	54	64.8°	-.4
Mustang	69	67.2°	0
	60	67.2°	0
Pinto	62	71.0°	-.4
	64	71.0°	-.4
	73	71.5°	-.1
Torino, Montego	53	64.0°	0
	65	64.0°	0
	97	64.0°	-.7
	71	64.0°	-4.5
Thunderbird	65	64.0°	-.3

SEAT BACK ANGLES: FORD 76

	<u>Seat Back Angle</u>
Ford	
LTD	26.6°
Elite	26.0°
Granada	25.0°
Maverick	24.0°
Mustang II	26.0°
Pinto	26.0°
Thunderbird	26.4°
Torino, Ranchero	26.0°
Lincoln-Mercury	
Bobcat	26.0°
Comet	24.0°
Cougar XR	26.0°
Lincoln	25.5°
Mark IV	26.0°
Mercury Marquis	26.6°
Monarch	25.0°
Montego	26.0°

1970-1973 GM FRONT SEAT BACK ANGLES *

Division	Body Type	70-72	73	
Chevrolet	H	71°		
Chevrolet	X	68°		
Chevrolet	F	65°		
Chevrolet	A, A wagon & SP-A	67°		
Chevrolet	B	69°		
Pontiac	F	65°		
Pontiac	A	67°		
Pontiac	G	66°		
Pontiac	B & B wagon	67°		
Oldsmobile	A & A wagon	67°	66°	Omega: coupe-70 sedan-68
Oldsmobile	B	67°	66°	
Oldsmobile	C	67°	66°	
Oldsmobile	E	68°	67°	
Buick	A	67°		
Buick	B	67°		
Buick	C	67°		
Buick	E	68°		
Cadillac	C	69°	64°	
Cadillac	D	69°	64°	
Cadillac	E	69°	64°	

*see Make/Model codes

1974 General Motors
Car Dimensions

Item A L-40 Seat, front back angle (subtract from 90°)
Item B H-18 Steering wheel angle - vertical

Chevrolet

Vega Item A - 26.0°
 Item B - 18.0°

Nova Item A - 26.5°
 Item B - 24.0°

Camaro Item A - 26.0°
 Item B - 17.6°

Corvette Item A - 33.0°
 Item B - 14.4°

Malibu Item A - 26.5°
 Item B - 17.9°

All styles including
Monte Carlo

Belair, Impala Item A - 26.5°
and Caprice Item B - 20.4°

Pontiac

Firebird Item A - 26.0°
 Item B - 17.9°

Ventura Item A - 26.5°
 Item B - 24.1°

All Lemans, Grand Item A - 26.5°
AM and Grand Prix Item B - 17.9°

All Catalina,
Bonneville and
Grand Ville Item A - 26.5°
 Item B - 20.4°

Oldsmobile

All Cutlass Item A - 26.5°
 Item B - 17.9°

Omega Item A - 26.5°
 Item B - 24.0°

All Delta 88, 98 Item A - 26.5°
and Regency Item B - 20.4°

Toronado Item A - 26.5°
 Item B - 20.0°

Buick

Apollo Item A - 26.5°
 Item B - 20.0°

All Century Item A - 26.5°
 Item B - 17.87°

All LeSabre Item A - 26.5°
 Item B - 20.4°

All Electra Item A - 26.5°
 Item B - 20.4°

Riviera Item A - 26.5°
 Item B - 20.5°

All Cadillac
(except Fleetwood)
75 Limosine Item A - 24.3°
Model 6DF-33 Item B - 19.0°

Eldorado Item A - 23.9°
 Item B - 26.5°

SEAT BACK ANGLES: GM 76

	<u>Seat Back Angle</u>
Buick	
Century - All	26.5°
Electra - Coupe and Sedan	26.5°
Estate Wagon	26.5°
Le Sabre	26.5°
Regal	26.5°
Riviera	26.5°
Skyhawk (hatchback)	26.0°
(thin pillar coupe)	26.5°
Skylark	26.5°
Cadillac	
Seville	19.0°
Limousine	19.0°
Eldorado	26.5°
Calais, DeVille, Fleetwood	26.5°
Chevrolet	
Camaro	26.0°
Caprice	26.5°
Chevellé	26.5°
Chevette	26.5°
Corvette	33.0°
Impala	26.5°
Monte Carlo	26.5°
Monza	26.0°
Nova	26.5°
Vega	26.0°
Oldsmobile	
Cutlass	26.0°
Delta 88	26.0°
Ninety-Eight	26.5°
Omega	26.5°
Starfire	26.0°
Toronado	26.5°
Supreme Cruiser, Vista Cruiser	26.5°
Custom Cruiser	26.5°
Pontiac	
Astre	26.0°
Bonneville	26.5°
Grand Safari	26.5°
Cataline (2- plus 4-Door)	26.5°
(Safari)	26.5°
Firebird	26.0°
Grand Prix	26.5°
LeMans	26.5°
Sunbird	26.0°
Ventura	26.5°

INTERNATIONAL HARVESTER

1974-1976 front seat back angles

<u>Seat Type</u>	<u>Model</u>	<u>Angle</u>
Bench	Scout II	17°
	Light Line	15°
Bucket	Scout	18°
	Light Line	20°

	72 IMPORTS	SEATBACK ANGLE
AUDI	90 Sedan	74°
	100 LS	95°
DATSUN	1200 2-Dr Sedan	*
	1200 2-Dr Sport Coupe	*
	1600 Pickup	73°
	510 2-Dr Sedan	70°
	510 4-Dr Sedan	82° up
	510 Station Wagon	82° up
	240 Z	110° up
DODGE COLT	2-Dr Coupe	*
	2-Dr H/T	*
	4-Dr Sedan	*
	4-Dr Station Wagon	*
FIAT	850 Spider Convertible	67°
FORD	Capri	67° up
OPEL	1900	*
	1900 Wagon	*
	Rallye	*
	G.T.	72°
PLYMOUTH	Cricket 4-Dr Sedan	65°
PORSCHÉ	911	80°
	914	67.5° up 60° back
TOYOTA	Carina 2-Dr Sedan	*
	Corona 4-Dr Sedan	70°
	Corona 2-Dr H/T	*
	Corolla 2-Dr Coupe	*
	Corolla 2-Dr Sedan	*
	Corolla Station Wagon	*
	Celica 2-Dr H/T	*
V W	Beetle	71° up 61° back
	Fastback	71.5° up 62.5° back
	Squareback	71.5° up 62.5° back
	411 2-Dr and 4-Dr	*
	411 3-Dr Hatchback	*

* Many Positions - Recliner

SEAT BACK ANGLES: IMPORTS 73

<u>Make</u>	<u>Model</u>	<u>Seatback Angle</u>
Audi	90 Sedan - 2 dr. (Fox)	73° up *
	90 Sedan - 4 dr. (Fox)	73° up *
	100 LS - 4 dr.	72° up *
Datsun	1200 - 2 dr. Sedan	77° up *
	1200 - 2 dr. Sport Coupe	77° up *
	1600 Pickup	72° up
	610 - 4 dr. Sedan	
	610 - 4 dr. Station Wagon	75° up *
	610 - 2 dr. Hardtop	75° up *
	240 Z	73° up *
Dodge	Colt - 2 dr. Coupe	*
	Colt - 2 dr. Hardtop	66° up *
	Colt - 4 dr. Sedan	*
	Colt - 4 dr. Station Wagon	*
Fiat	850 Spider Convertible	67°
Ford	Capri	70° up * (Optional)
Opel	1900 Luxus	72° up 3 position
	1900 Wagon	*
	Rallye Manta	*
	G. T.	72° up 3 position
Plymouth	Cricket - 4 dr. Sedan	None imported after 1/73
Porsche	911	80° up *
	914	65° up *
Toyota	Carina - 2 dr. Sedan	
	Corona - 4 dr. Sedan	
	Corona - 2 dr. Hardtop	
	Corolla - 2 dr. Coupe	*
	Corolla - 2 dr. Sedan	*
	Corolla - Station Wagon	*
	Celica - 2 dr. Hardtop	*
Corona - Mark II MX	*	
VW	Beetle	75° up 3 position
	Fastback	70° up *
	Squareback	76° up *
	412 - 2 dr.	74° up *
	412 - 4 dr.	78° up *
	412 - 3 dr. Hatchback	

*Reclining

SEAT BACK ANGLES: IMPORTS 75, 76

<u>MAKE</u>	<u>YEAR</u>	<u>MODEL</u>	<u>SEAT BACK ANGLE</u>	<u>DOOR SILL ANGLE</u>
Datsun	75-76	610, 710	27°	0
	75-76	B210 Sedan	27°	+ .2°
	75-76	B210 Coupe	27°	+ .1°
	75-76	S30 2 Seater	23°	+ .3°
	75-76	S30 2+2	23°	+ .1°
Jaguar	75-76	Sedans	20°	0
	75-76	XJS	25°	0
Mazda	72-75	808, RX3	23.5°	0
	71-74	RX2	22°	0
	74-75	RX4	23°	0
	74-75	Rotary Pickup	17°	0
	72-75	B1600 Pickup	17°	0
MG	76	MGB	25°	0
	76	Midget	26°	0
Triumph	76	TR7	25°	0
	76	Spitfire	27°	0

SIDE DOOR REINFORCEMENT BEAMS

Side Door Reinforcement Beams

<u>Corporation</u>	<u>Body Models</u>	<u>Model Code</u>	<u>Year Introduced</u>
GM	B,C,D	02,03,04	1969
GM	A,G	01,07	1970
GM	F	06	mid-1970
GM	E,H	05,18	1971
GM	X,Sp	08,10	1973 or (model yr intro)
Chrysler	E	06	1970
Ford	Mustang, Cougar	06	
	Ford	02,05	
	Mercury	02	
	Lincoln	03,05	1971
AMC	Javelin, AMX	06	1971
VW	All except Bus & Thing		1973

Note (1): Particular car lines listed would include two-door and four-door models if that particular car line offered four door models.

Note (2): January 1, 1973 - all makes and models are equipped with side-door reinforcement beams.

STATE CODES (FIPS 5-2)

<u>Name</u>	<u>Code</u>	<u>Name</u>	<u>Code</u>
Alabama	01	Montana	30
Alaska	02	Nebraska	31
Arizona	04	Nevada	32
Arkansas	05	New Hampshire	33
California	06	New Jersey	34
Colorado	08	New Mexico	35
Connecticut	09	New York	36
Delaware	10	North Carolina	37
District of Columbia	11	North Dakota	38
Florida	12	Ohio	39
Georgia	13	Oklahoma	40
Hawaii	15	Oregon	41
Idaho	16	Pennsylvania	42
Illinois	17	Rhode Island	44
Indiana	18	South Carolina	45
Iowa	19	South Dakota	46
Kansas	20	Tennessee	47
Kentucky	21	Texas	48
Louisiana	22	Utah	49
Maine	23	Vermont	50
Maryland	24	Virginia	51
Massachusetts	25	Washington	53
Michigan	26	West Virginia	54
Minnesota	27	Wisconsin	55
Mississippi	28	Wyoming	56
Missouri	29	Non-USA	99
		Unknown	00

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CANADIAN

Alberta	81	Ontario	88
British Columbia	82	Prince Edward Is.	89
Manitoba	83	Quebec	90
New Brunswick	84	Saskatchewan	91
Newfoundland	85	Unknown Canada	80
Northwest Territory	86	Yukon	92
Nova Scotia	87		

STEERING COLUMN ANGLES: AMC 71-74

71-74 AMC Steering Column Angles

<u>Year</u>	<u>Series</u>	<u>Model</u>	<u>Column Type</u>	<u>Column Angle</u>
71-74	Hornet Gremlin	A11	A11	19.4°
71-74	Javelin Javelin AMX	A11	A11	17.8°
71-73 74	Matador Matador	A11 4-Dr Sedan Coupe Wagon	A11 A11	20° 19.8° 19.3° 19.8°
71-73 74	Ambassador Ambassador	A11	A11	20° 19.8°

1975-1976 AMC Steering Column Angles

	<u>1975</u>	<u>1976</u>
Gremlin	19°	19.4°
Hornet	19°	19.4°
Pacer	21°	20.9°
Matador (2-Door)	19°	19.3°
(4-Dr + Wagon)	19°	19.8°

STEERING COLUMN ANGLES1971-73 Chrysler Cars

Valiant		
Dart		
Duster	A Body Cars	22.5°
Demon		
Barracuda		
Challenger		
Satellite		
Roadrunner		
CTX	B Body Cars	19.5°
Coronet		
Charger		
Belvedere		
Fury		
Suburban		
Polara		
Monaco	C Body Cars	21.2°
Newport		
New Yorker		
Town & Country		
Imperial		

STEERING COLUMN ANGLES1974 Chrysler Cars

Swinger Valiant Duster Dart	All Body Types	22.4°
Barracuda 'Cuda Challenger	2-Door Hardtop	17.8°
Satellite Road Runner Charger Coronet	All Body Types	19.5°
Fury Suburban Monaco Newport New Yorker Town & Country Imperial Le Baron Gran	All Body Types	22.5°

1975-1976 Chrysler Steering Column Angles

	<u>1975</u>	<u>1976</u>
Chrysler		
Newport, New Yorker, Town & Country	22.5°	22.5°
Cordoba	22.5°	20.5°
Imperial	22.5°	--
Dodge		
Monaco	22.5°	22.5°
Coronet	19.5°	20.5°
Charger	19.5°	20.5°
Dart	22.4°	22.4°
Aspen		21.6°
Plymouth		
Gran Fury	22.5°	22.5°
Fury	19.5°	20.5°
Valiant	22.4°	22.4°
Volare		21.6°

1970 Ford Steering Column Angles

MODEL & YEAR:	MAVERICK	MUSTANG				COUGAR		MONTEGO					
SERIES NUMBER:	62	65	63	76	65	76	54	57	62	65	71	76	
Steering Column Angle to Horizontal	24°	20.3°	*	*	20.3°	*	24.3°	*	*	*	25.0°	*	
Door Sill Angle to Horizontal	-0.5°	0.5°	*	*	0.5°	*	0.5°	*	0.3°	0.3°	0.5°	0.5°	

MODEL & YEAR:	TORINO - 1970								T-BIRD		MARK III	LINCOLN	
SERIES NUMBER:	54	57	62	63	65	66	71	76	65	57	65	65	53
Steering Column Angle to Horizontal	24.3°	*	*	25.5°	*	*	25.0°	24.5°	23.5°	23.8°	23.8°	23.4°	23.1°
Door Sill Angle to Horizontal	0.5°	*	0.3°	0.3°	0.3°	0.8°	0.5°	0.5°	0.5°	0.8°	0.8°	0°	-0.3°

MODEL & YEAR:	FORD - 1970							MERCURY - 1970						
SERIES NUMBER:	54	57	62	63	65	71	76	54	53	57	65	63	76	71
Steering Column Angle to Horizontal	23°	23°	**	**	**	23°	*	24.6°	**	25°	**	**	**	24.3°
Door Sill Angle to Horizontal	0°	0.3°	**	**	**	**	**	0°	**	0.3°	**	**	**	**

NOTE: All dimensions reflect curb attitude.

*=same as base model
 **=same as model-57

Series Number

Body Style

- | | |
|----|--------------------------------------|
| 53 | 4-dr. Sedan (Concealed "B" - Pillar) |
| 54 | 4-dr. Sedan |
| 57 | 4-dr. Hardtop |
| 62 | 2-dr. Sedan |
| 63 | 2-dr. Hardtop (Fastback) |
| 65 | 2-dr. Hardtop |
| 66 | 2-dr. Pickup Type Car (Ranchero) |
| 71 | 4-dr. Station Wagon |
| 76 | 2-dr. Convertible |

1971 Ford Steering Column Angles

Model & Year	Maverick '71		Comet '71		Pinto '71	Mustang '71			Cougar '71		Torino '71						Montego '71				
Series #	62	54	62	54	62	65	63	76	65	76	54	57	63	65	66	71	76	54	57	65	71
Steering Column Angle* to Horizontal	24°	24°	24°	24°	23°	22.5°	+	+	22.5°	+	24.3°	+	24.3°	+	+	25.°	24.5°	24.3°	+	+	25.°
Door Sill Angle to Horizontal	-0.5°	-0.5°	-0.5°	-0.5°	-0.8°	0.5°	+	+	0.5°	+	0.5°	+	0.3°	0.3°	0.8°	0.5°	0.5°	0.5°	+	0.3°	0.5°

*Dimensions at Curb Attitude

+Same as Base Model

Model & Year	65		57		65				Ford '71						Mercury '71				Lincoln '71		Capri
Series #	65	57	65	57	65	54	53	57	65	76	71	65	53	57	71	65	53				
Steering Column Angle* to Horizontal	23.5°	23.8°	23.8°			23°	+	+	+	26°	26.5°	26°	26°	26°	26.5°	23°	23.5°	24.6°			
Door Sill Angle to Horizontal	0.5°	0.8°	0.8°			0.3°	+	+	0.2°	0.3°	0.3°	0.2°	0.3°	0.3°	0.3°	0.5°	0°	0.6°			

SERIES NUMBER	BODY STYLE
53	4-Dr. Sedan (Concealed "B"-Pillar)
54	4-Dr. Sedan
57	4-Dr. Hardtop
62	2-Dr. Sedan
63	2-Dr. Hardtop (Fastback)

SERIES NUMBER	BODY STYLE
65	2-Dr. Hardtop
66	2-Dr. Pickup Type Car (Ranchero)
71	4-Dr. Station Wagon
76	2-Dr. Convertible

1972 Ford Steering Column Angles

Model & Year Series Number	Maverick - 1972		Comet - 1972		Pinto - 1972		
	62	54	62	54	62	74	73
Steering Column Angle** to Horizontal	24°	24°	24°	24°	23°	23°	23.3°
Door Sill Angle** to Horizontal	-0.5°	-0.5°	-0.5°	-0.5°	-0.6°	-0.6°	0.0°

Model & Year Series Number	Thunderbird - 1972	Mark IV - 1972
	65	65
Steering Column Angle** to Horizontal	19.9°	19.9°
Door Sill Angle** to Horizontal	0.5°	0.5°

Model and Year Series Number	Lincoln - 1972		Capri 1972
	65	53	
Steering Column Angle** to Horizontal	23°	23.5°	24.6°
Door Sill Angle** to Horizontal	0.5°	0°	0.6°

Model and Year Series Number	Torino - 1972					Montego - 1972			
	53	63	65	66	71	53	65	63	71
Steering Column Angle** to Horizontal	19.9°	19.9°	19.9°	19.9°	19.9°	19.9°	19.9°	19.9°	19.9°
Door Sill Angle** to Horizontal	0.5°	0.0°	0.0°	0.0°	0.5°	0.5°	0.0°	0.0°	0.5°

Model and Year Series Number	Mustang - 1972			Cougar - 1972		Bronco
	65	63	76	65	76	U15-SW
Steering Column Angle** to Horizontal	22.5°	*	*	22.5°	*	19.8°
Door Sill Angle** to Horizontal	0.5°	*	*	0.5°	*	0.0°

* same as model 54
 \$ same as model 71
 # same as model 65
 0 same as model 53

Model and Year Series Number	Ford - 1972						Mercury - 1972			
	4-Dr. sedan	4-Dr. sedan p11. hdtip.	4-Dr. hdtip.	2-Dr. hdtip.	2-Dr. conv.	4-Dr. station wagon	65	53	57	71
Steering Column Angle** to Horizontal	26°	*	*	*	*	26.5°	*	*	*	\$
Door Sill Angle** to Horizontal	0.3°	*	*	0.2°	*	*	#	*	*	*

SERIES NUMBER	BODY STYLE
53	4-Dr. Sedan (Concealed "B"-Pillar)
54	4-Dr. Sedan
57	4-Dr. Hardtop
62	2-Dr. Sedan
63	2-Dr. Hardtop (Fastback)

SERIES NUMBER	BODY STYLE
65	2-Dr. Hardtop
66	2-Dr. Pickup Type Car (Ranchero)
71	4-Dr. Station Wagon
76	2-Dr. Convertible

1973 Steering Column Angle

	<u>SERIES NUMBER</u>	<u>ANGLE</u>	<u>DOOR SILL ANGLE</u>
Maverick	62	24°	-.3°
	54	23.9°	-.3°
Comet	62	24°	-.3°
	54	23.9°	-.3°
Pinto	62	23.0°	-.1°
	64	23.0°	-.1°
	73	23.3°	-.9°
Thunderbird	65	20.2°	-.2°
Mark IV	65	20.2°	-.2°
Lincoln	65	23.0°	+.3°
	53	23.5°	0
Capri	--	24.9°	+.4°
Torino	53	20.0°	-.1
	63	20.2°	0
	65	20.3°	0
	66	20.9°	-.7
	71	20.6°	-.3
Montego	53	20.0°	-.1
	65	20.3°	0
	63	20.2°	0
	71	20.6°	-.3
Mustang	65	22.5°	unk
	63	22.5°	unk
	76	22.5°	unk
Cougar	65	22.5°	unk
	76	22.5°	unk
Ford	53	26.4°	+.5°
	57	26.4°	+.5
	65	26.4°	+.5°
	71	26.5°	+.6°
Mercury	65	26.0°	+.3°
	53	26.0°	+.3°
	57	26.0°	+.3°
	71	26.5°	+.6°

STEERING COLUMN ANGLE

1974 FORD MOTOR COMPANY CARS

		<u>Steering Column Angle</u>	<u>Door Sill Angle</u>
Maverick	2 Door Sedan	23.6°	-0.2°
	2 Door Grabber	23.6	-0.2
	4 Door Sedan	23.6	-0.5
Comet	2 Door Sedan	23.6	-0.2
	4 Door Sedan	23.6	-0.5
Pinto	2 Door Sedan	23.0	-0.1
	3 Door Model	23.0	-0.1
	2 Door Wagon	22.3	-0.9
Torino/Ranchero	4 Door Sedan/Hardtop	19.9	-0.1
	2 Door Hardtop	19.9	0.0
	Ranchero	19.9	-0.7
	Station Wagon	19.9	-0.3
Montego	4 Door Sedan/Hardtop	19.9	-0.1
	2 Door Hardtop	19.9	0.0
	Station Wagon-4 Door	19.9	-0.3
Mustang	3 Door 4 Pass. Hatchback	19.9	0.0
	2 Door 4 Pass. Notchback	19.9	0.0
Cougar	2 Door Hardtop	19.9	0.0
Ford	4 Door Pillar Hardtop	25.7	0.0
	4 Door Hardtop	25.7	0.0
	2 Door Hardtop	25.7	0.0
	Station Wagons	25.7	0.5
Lincoln	2 Door Hardtop	23.0	0.3
	4 Door Sedan/Hardtop	23.0	0.0
Thunderbird	2 Door Hardtop	19.9	-0.2
Mark IV	2 Door Hardtop	19.9	-0.2
Mercury	2 Door Hardtop	25.7	0.0
	4 Door Pillar Hardtop	25.7	0.0
	4 Door Hardtop	25.7	0.0
	4 Door 6 Pass. (Monterey, Rideau, Montcalm, Marquis)	25.7	0.5

1975 FORD STEERING COLUMN ANGLES

<u>Name</u>	<u>Series Number</u>	<u>F</u>	<u>G</u>	<u>F-G=H</u>
Capri	75	25.0 ⁰	1.0 ⁰	24.0 ⁰
Comet	62	23.6 ⁰	-0.2 ⁰	23.8
"	54	23.6 ⁰	-0.5 ⁰	24.1 ⁰
Cougar	65	19.9 ⁰	0.0 ⁰	19.9 ⁰
Ford	53	26.4 ⁰	0.0 ⁰	26.4 ⁰
"	60	26.4 ⁰	0.0 ⁰	26.4 ⁰
"	61	26.4 ⁰	0.0 ⁰	26.4 ⁰
Granada 2-Door	66	23.6 ⁰	-0.4 ⁰	24.0 ⁰
" 4-Door	54	23.6 ⁰	-0.4 ⁰	24.0 ⁰
Lincoln	65	23.0 ⁰	0.3 ⁰	22.7 ⁰
"	53	23.0 ⁰	0.0 ⁰	23.0 ⁰
Mark IV	65	19.9 ⁰	-0.2 ⁰	21.1 ⁰
Maverick	62	23.6 ⁰	-0.2 ⁰	23.8 ⁰
"	54	23.6 ⁰	-0.5 ⁰	24.1 ⁰
Mercury	65	26.4 ⁰	0.0 ⁰	26.4 ⁰
"	53	26.4 ⁰	0.0 ⁰	26.4 ⁰
"	71	26.4 ⁰	0.0 ⁰	26.4 ⁰
Montego	53	19.9 ⁰	0.0 ⁰	19.9 ⁰
"	65	19.9 ⁰	0.0 ⁰	19.9 ⁰
"	71	19.9 ⁰	-4.5	24.4
Monarch 2-Door	66	23.6 ⁰	-0.4 ⁰	24.0 ⁰
" 4-Door	54	23.6 ⁰	-0.4 ⁰	24.0 ⁰
Mustang	69	20.4 ⁰	0.0 ⁰	20.4 ⁰
"	60	20.4 ⁰	0.0 ⁰	20.4 ⁰
Pinto	62	22.8 ⁰	-0.4 ⁰	23.2 ⁰
"	64	22.8 ⁰	-0.4 ⁰	23.2 ⁰
"	73	23.3 ⁰	-0.1 ⁰	23.4 ⁰
Torino, Elite	53	19.9 ⁰	0.0 ⁰	19.9 ⁰
"	65	19.9 ⁰	0.0 ⁰	19.9 ⁰
"	97	19.9 ⁰	-0.7 ⁰	20.6 ⁰
"	71	19.9 ⁰	-4.5 ⁰	24.4
Thunderbird	65	19.9 ⁰	-0.3 ⁰	20.2 ⁰

STEERING COLUMN ANGLES: FORD 76

	<u>Steering Column Angle</u>
Ford	
LTD	26.4°
Elite	19.9°
Granada	23.3°
Maverick	23.6°
Mustang II	19.9°
Pinto	22.5°
Thunderbird	19.9°
Torino, Ranchero	19.9°
Lincoln-Mercury	
Bobcat	22.5°
Comet	23.6°
Cougar XR	19.9°
Lincoln	23.0°
Mark IV	19.9°
Mercury Marquis	26.4°
Monarch	23.3°
Montego	19.9°

70-72 GM Steering Column Angles

<u>Vehicle Body</u>	<u>Column Angles (degrees)</u>		
	<u>70</u>	<u>71</u>	<u>72</u>
A Body	19	19	19
A-Sp Body - Chev	--	19	19
B Body	26	20	20*
C Body - Buick, Olds	26	20	20
C Body - Cadillac	27	24	24
E Body - Buick, Olds	23	20	20
E Body - Cadillac	23	24	24
F Body	18	17	18
G Body	19	19	19
H Body	--	17	18
X Body	26	25	25
Corvette	14	14	14

73 GM Steering Column Angles

Cadillac

Cadillac	24°
Eldorado	23°

Oldsmobile

Omega -- 24°

Cutlass, Cutlass Supreme and Vista Cruiser -- 17°

All others -- 20°

1974 General Motors
Car Dimensions

Item A L-40 Seat, front back angle (subtract from 90°)
Item B H-18 Steering wheel angle - vertical

Chevrolet

Vega Item A - 26.0°
 Item B - 18.0°

Nova Item A - 26.5°
 Item B - 24.0°

Camaro Item A - 26.0°
 Item B - 17.6°

Corvette Item A - 33.0°
 Item B - 14.4°

Malibu Item A - 26.5°
 Item B - 17.9°

All styles including
Monte Carlo

Belair, Impala Item A - 26.5°
and Caprice Item B - 20.4°

Pontiac

Firebird Item A - 26.0°
 Item B - 17.9°

Ventura Item A - 26.5°
 Item B - 24.1°

All Lemans, Grand Item A - 26.5°
AM and Grand Prix Item B - 17.9°

All Catalina, Item A - 26.5°
Bonneville and Item B - 20.4°
Grand Ville

Oldsmobile

All Cutlass Item A - 26.5°
 Item B - 17.9°

Omega Item A - 26.5°
 Item B - 24.0°

All Delta 88, 98 Item A - 26.5°
and Regency Item B - 20.4°

Toronado Item A - 26.5°
 Item B - 20.0°

Buick

Apollo Item A - 26.5°
 Item B - 20.0°

All Century Item A - 26.5°
 Item B - 17.87°

All LeSabre Item A - 26.5°
 Item B - 20.4°

All Electra Item A - 26.5°
 Item B - 20.4°

Riviera Item A - 26.5°
 Item B - 20.5°

All Cadillac, Item A - 24.3°
except Fleetwood Item B - 26.5°
75 Limosine Item A - 24.3°
Model 6DF-33 Item B - 19.0°

Eldorado Item A - 23.9°
 Item B - 26.5°

1975 General Motors Steering Column Angle

Name	Steering Column Angle
Buick	
Apollo Skylark	22 ^o
Century, Century Custom	17.9 ^o
Electra	20.4 ^o
Estate Wagon	26.4 ^o
Lesabre, Lesabre Custom	20.4 ^o
Regal	17.9 ^o
Riviera	20.5 ^o
Skyhawk	22 ^o
Cadillac	
Calais	
DeVille	
Eldorado	
Fleetwood Sedan	
Fleetwood Limousine	
Chevrolet	
Belair	20.4 ^o
Blazer	
Camaro	
Caprice Classic, Caprice Estate	20.4 ^o
Chevy Van	
Corvette	14.6 ^o
ElCamino	17.9 ^o
Impala	20.4 ^o
Laguna	17.9 ^o
Malibu, Malibu Classic, Malibu Wagon	17.9 ^o
Monte Carlo	17.9 ^o
Monza	18.0 ^o
Nova	22.0 ^o
Pickup Trucks	
Sportvan	
Suburban	
Vega	18.0 ^o
Oldsmobile	
Cutlass, Cutlass Supreme	17.9 ^o
Custom Cruiser	26.4 ^o
Delta 88, Delta 88 Royale	20.4 ^o
Ninety-Eight	20.4 ^o
Omega, Omega Salon	22.0 ^o
Starfire	18.0 ^o
Toronado	20.0 ^o
Vista Cruiser	17.9 ^o
Pontiac	
Astre, Astre Safari	17.9 ^o
Bonneville	20.4 ^o
Catalina, Catalina Safari	20.4 ^o
Firebird	17.9 ^o
Grand Am	17.9 ^o
Grand Prix	17.9 ^o
GrandVille	20.4 ^o
LeMans	17.9 ^o
Ventura	22.05 ^o

STEERING COLUMN ANGLES: GM 76

	<u>Steering Column Angle</u>
Buick	
Century - All	17.9°
Electra - Coupe and Sedan	20.4°
Estate Wagon	26.4°
Le Sabre	20.4°
Regal	17.9°
Riviera	20.5°
Skyhawk (hatchback)	18.0°
(thin pillar coupe)	22.0°
Skylark	22.0°
Cadillac	
Seville	22.0°
Limousine	24.3°
Eldorado	24.0°
Calais, DeVille, Fleetwood	24.3°
Chevrolet	
Camaro	17.6°
Caprice	20.4°
Chevellé	17.9°
Chevette	30.23°
Corvette	14.6°
Impala	20.4°
Monte Carlo	17.9°
Monza	18.0°
Nova	22.0°
Vega	18.0°
Oldsmobile	
Cutlass	17.9°
Delta 88	20.4°
Ninety-Eight	22.0°
Omega	18.0°
Starfire	20.0°
Toronado	17.9°
Supreme Cruiser, Vista Cruiser	26.4°
Custom Cruiser	
Pontiac	
Astre	18.0°
Bonneville	20.4°
Grand Safari	26.4°
Cataline (2- plus 4-Door)	20.4°
(Safari)	26.4°
Firebird	17.6°
Grand Prix	17.9°
LeMans	17.9°
Sunbird	18.0°
Ventura	22.0°

	'72 IMPORTS	Shear Capsule Equipped (1,2,3,0)	Steering Column Angle
AUDI	90 Sedan	2	*
	100 LS	2	*
DATSUN	1200 2-Dr Sedan	1	31°
	1200 2-Dr Sport Coupe	1	34°
	1600 Pickup	2	22°
	510 2-Dr Sedan	2	27°
	510 4-Dr Sedan	2	27°
	510 Station Wagon	2	27°
	240 Z	2	22°
DODGE COLT	2-Dr Coupe	2	30° up 25° down
	2-Dr H/T	2	30° up 25° down
	4-Dr Sedan	2	30° up 25° down
	4-Dr Station Wagon	2	30° up 25° down
FIAT	850 Spider Convertible	2	28.5°
FORD	Capri	2	25°
OPEL	1900	1	28°
	1900 Wagon	1	28°
	Rallye	1	28°
	G.T.	1	16°
PLYMOUTH	Cricket 4-Dr Sedan	2	33°
PORSCHE	911	2	*
	914	2	*
TOYOTA	Carina 2-Dr Sedan	1	26°
	Corona 4-Dr Sedan	1	23°
	Corona 2-Dr H/T	1	24°
	Corolla 2-Dr Coupe	1	30°
	Corolla 2-Dr Sedan	1	27°
	Corolla Station Wagon	1	29°
	Celica 2-Dr H/T	1	22°
V W	Beetle	2	25°
	Fastback	2	25°
	Squareback	2	25°
	411 2-Dr and 4-Dr	2	*
	411 3-Dr Hatchback	2	*

* Shroud Makes it Impossible to Measure.

STEERING COLUMN ANGLE: IMPORTS 73

<u>Name</u>	<u>Model</u>	<u>Shear Capsule**</u>	<u>Steering Column Angle</u>
Audi	90 Sedan - 2 dr. (Fox)	2	B-26 ⁰ *
	90 Sedan - 4 dr. (Fox)	2	B-23 ⁰ *
	100 LS - 4 dr.	2	B-21 ⁰ *
Datsun	1200 - 2 dr. Sedan	1	B-29 ⁰ *
	1200 - 2 dr. Sport Coupe	1	B-32 ⁰
	1600 Pickup	2	B-22 ⁰
	610 - 4 dr. Sedan		
	610 - 4 dr. Station Wagon	1	B-27 ⁰
	610 - 2 dr. Hardtop	1	B-27 ⁰
	240 Z	2	B-23 ⁰ *
Dodge	Colt - 2 dr. Coupe		
	Colt - 2 dr. Hardtop	1	T-30 ⁰ B-25 ⁰
	Colt - 4 dr. Sedan		
	Colt - 4 dr. Station Wagon		
Fiat	850 Spider Convertible	2	B-28.5 ⁰
Ford	Capri	2	B-26 ⁰
Opel	1900 Luxus	1	B-16 ⁰
	1900 Wagon	1	
	Rallye Manta	1	
	G. T.	1	B-16 ⁰
Plymouth	Cricket - 4 dr. Sedan	None imported after 1/73	
Porsche	911	2	B-19 ⁰ *
	914	2	B-13 ⁰ *
Toyota	Carina - 2 dr. Sedan		
	Corona - 4 dr. Sedan		
	Corona - 2 dr. Hardtop		
	Corona - Mark II MX	1	T-22 ⁰ B-22 ⁰
	Corolla - 2 dr. Coupe	1	T-28 ⁰ B-26 ⁰
	Corolla - 2 dr. Sedan	1	T-27 ⁰ B-27 ⁰
	Corolla - Station Wagon	1	T-27 ⁰ B-27 ⁰
Celica - 2 dr. Hardtop	1	B-24 ⁰	
VW	Beetle	after 68	
	Fastback	after 68	B-24 ⁰
	Squareback	after 68	B-24 ⁰
	412 - 2 dr.	after 71	B-31 ⁰
	412 - 4 dr.	after 71	B-29 ⁰
	412 - 3 dr. Hatchback	after 71	B-26 ⁰
	Super Beetle		B-24 ⁰
	Transporter Bus	after 70	B-60 ⁰

*Shroud

B - Measured at Bottom

T - Measured at Top

** 1 = Yes, equipped

2 = No, not equipped

STEERING COLUMN ANGLES: IMPORTS 75, 76

<u>MAKE</u>	<u>YEAR</u>	<u>MODEL</u>	<u>STEERING COLUMN ANGLE</u>	<u>DOOR SILL ANGLE</u>
Alfa-Romeo	72-76	Spider 2000	21.5°	0
Datsun	75-76	610, 710	25.2°	0
	75-76	B210 Sedan	25.2°	+ .2°
	75-76	B210 Coupe	25.2°	+ .1°
	75-76	S30 2 Seater	22.7°	+ .3°
	75-76	S30 2+2	22.7°	+ .1°
Jaquar	75-76	Sedans	20°	0
	75-76	XJS	25°	0
Mazda	72-75	808, RX3	27.5°	0
	71-74	RX2	25.5°	0
	74-75	RX4	25.5°	0
	74-75	Rotary Pickup	29.3°	0
	72-75	B1600 Pickup	29°	0
Mercedes-Benz	68-76	220, 220D, 230, 240D, 250, 280, 300D,	26.4°	0
	68-76	350SL, 450SL, 450SLC	24.6°	0
	68-76	280S, 450SE, 450SEL	25°	0
	68-76	All Others	26°	0
MG	76	MGB	20°	0
	76	Midget	19°	0
Triumph	76	Spitfire, TR7	21°	0

STEERING COLUMN ANGLES: PICKUPS

Pickups Steering Column Angle

<u>Make</u>	<u>Type</u>	<u>Year</u>	<u>Angle</u>
GMC	100 200	70-73	22.5°
Chevrolet	C/10 C/20	70-73	22.5°
Dodge	D-100 D-200 D-300 W-100 W-200 W-300	71-73	23°
IHC	Light-Line Scout	74-76	21° 23.5°

EA COLUMN MEASUREMENTS FOR ACRS EQUIPPED VEHICLES

The two EA column types discussed here are used in vehicles presently equipped with air cushion restraint systems (ACRS). Current General Motors ACRS equipped vehicles* employ EA steering columns similar to those used in other late model GM vehicles. Certain changes in the GM EA column design were necessary to meet increased strength requirements of the ACRS. The most significant physical change is a shortening of the lower tube jacket to fit a new guide bracket. This necessitated changing the "thumb-nail" which was characteristic of previous non-ACRS vehicle columns to what is now termed "thumb bumps" which fit up against the lower clamp (see Figure A). Column compression, or collapse, is measured from the lower edge of the larger, upper tube (jacket) to the "thumb bump." This is shown as dimension D. The original dimension is C and is $7\frac{1}{16}$ inches. Column compression equals C minus D. This steering column should be coded as Type (6), "Other: Step-ball."

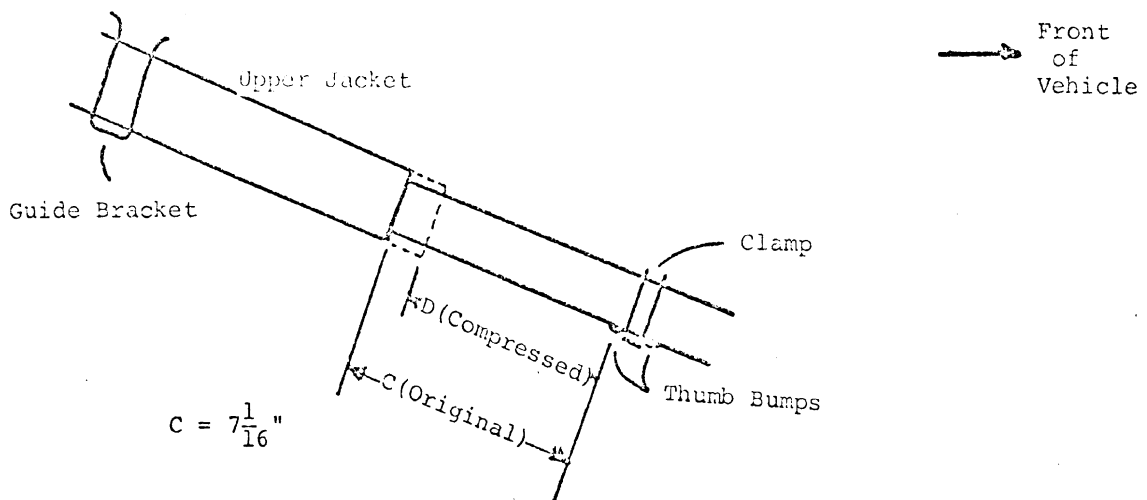
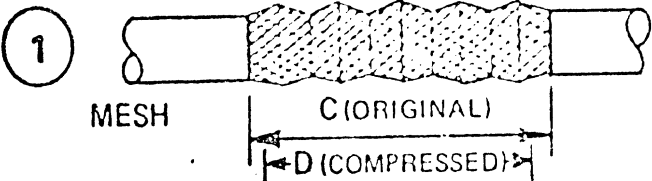
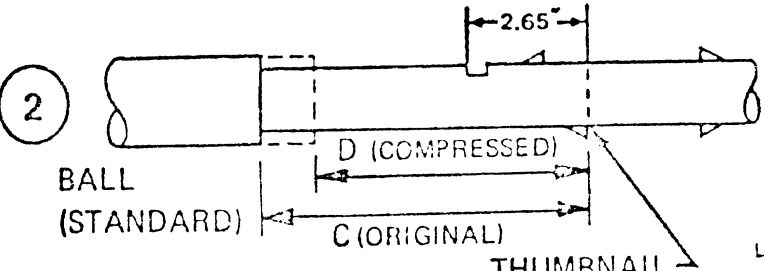
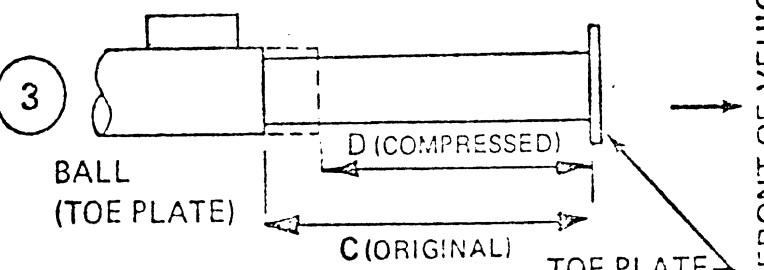
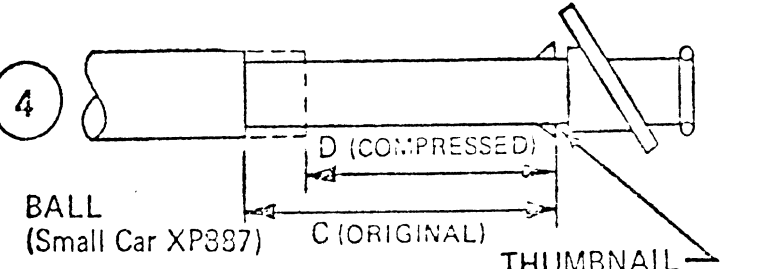
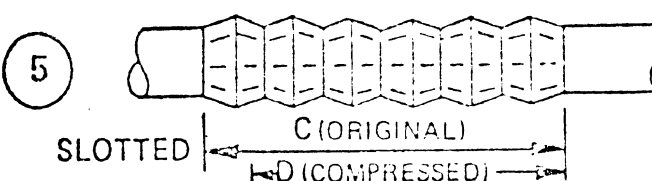
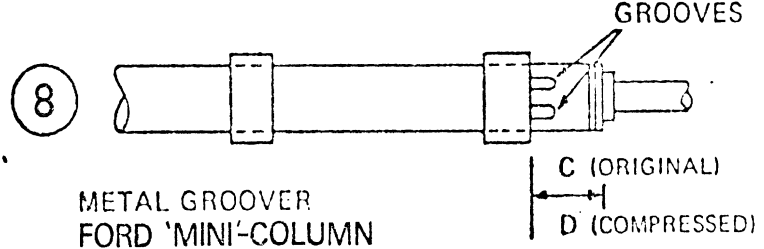
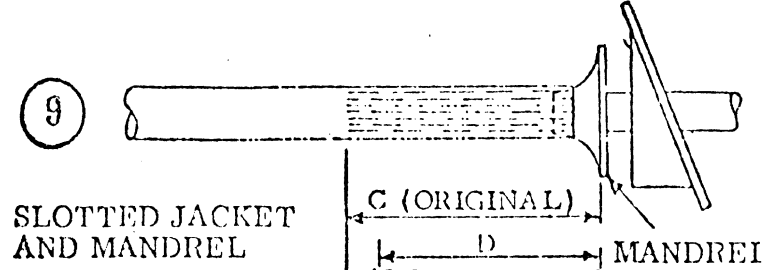


FIGURE A

Ford Motor Company ACRS vehicles* were initially factory equipped with only a passenger bag. Some are not equipped with a driver bag, and some have only the driver bag, which was installed after the vehicle left the factory. The EA column used is the same slotted variety used in many other Ford vehicles (Type 5), having an original dimension of 9.5 inches. The compression, or collapse, is measured in the same manner as on non-ACRS Ford vehicles, i.e., the compression would equal 9.5 inches minus the collapsed length of the slotted section.

*GM ACRS vehicles include the larger models of Buick, Oldsmobile, and Cadillac, and a special test fleet of 1973 Chevrolet Impalas. Ford Motor Company ACRS vehicles were a test fleet of 1972 Mercurys.

STEERING COLUMN ENERGY ABSORBING DEVICES

<p>①</p>  <p>MESH</p> <p>C (ORIGINAL)</p> <p>D (COMPRESSED)</p>	<p>70-73</p> <p>Chrysler Products, Except Barracuda, Challenger and Colt</p>
<p>②</p>  <p>2.65"</p> <p>BALL (STANDARD)</p> <p>D (COMPRESSED)</p> <p>C (ORIGINAL)</p> <p>THUMBNAIL</p> <p>FRONT OF VEHICLE</p>	<p>70-74</p> <p>AMC Products</p> <p>70-74</p> <p>GM Products Except Those Lines Listed Below</p>
<p>③</p>  <p>BALL (TOE PLATE)</p> <p>D (COMPRESSED)</p> <p>C (ORIGINAL)</p> <p>TOE PLATE</p> <p>FRONT OF VEHICLE</p>	<p>70-74</p> <p>Chevrolet Corvette</p>
<p>④</p>  <p>BALL (Small Car XP387)</p> <p>D (COMPRESSED)</p> <p>C (ORIGINAL)</p> <p>THUMBNAIL</p>	<p>71-74</p> <p>Chevrolet Vega</p>
<p>⑤</p>  <p>SLOTTED</p> <p>C (ORIGINAL)</p> <p>D (COMPRESSED)</p>	<p>70-74</p> <p>Ford Products Except Those Lines Listed Below</p>
<p>⑧</p>  <p>METAL GROOVER FORD 'MINI-COLUMN'</p> <p>GROOVES</p> <p>C (ORIGINAL)</p> <p>D (COMPRESSED)</p>	<p>71-74</p> <p>Ford Pinto</p> <p>72-74</p> <p>Ford Torino</p> <p>Ford Thunderbird</p> <p>Mercury Montego</p> <p>Lincoln Mark IV</p> <p>74</p> <p>Ford Mustang II</p> <p>Mercury Cougar</p>
<p>⑨</p>  <p>SLOTTED JACKET AND MANDREL</p> <p>C (ORIGINAL)</p> <p>D (COMPRESSED)</p> <p>MANDREL</p>	<p>74</p> <p>Chrysler Products Except Barracuda, Challenger and Colt</p>

STEERING COLUMN EAD: USA

CORPORATION	MODEL YEAR	MAKE	STEERING COLUMN TYPE	E.A. DEVICE TYPE	ORIGINAL LENGTH C
Ford	68-76	All Makes--Column Combinations other than those listed below		5	9.5
	71-76	Pinto		8	NA
	72-76	Torino, Montego, T-Bird, Mark IV, Ranchero		8	NA
	71-75	Capri	See Steering Wheel EA		
	74-76	Mustang, Cougar, Granada, Monarch, Bobcat		8	NA
Chrysler	67-73	All (except 70-73 Barracuda, Challenger, and Colt)		1	9.7
	74-76	New--All (except Colt, Barracuda, & Challenger)		9	9.75
	70-74	Colt		6	7.0
	70-74	Barracuda and Challenger	See Steering Wheel EA		
AMC	67-69	All make - column combinations		1	9.7
	1970	All make - column combinations		2	8.25
	71-76	Gremlin		2	8.25
	71-76	Hornet		2	8.25
	75	Pacer	Std.	6	6.75
			Tilt	6	6.30
	1976	Pacer	Std.	2	6.75
			Tilt	2	6.30
	71-76	Matador	Std.	2	8.25
			Tilt	2	7.80
	71-73	Javelin	Std.	2	8.25
			Tilt	2	7.80
	1974	Javelin	Std. Tilt	2	8.25
	71-74	Ambassador	Std.	2	8.25
Tilt			2	7.80	
Jeep	73-76	Comando, Wagoneer, Jeep Trucks, Cherokee		2	8.25
Inter-national	74,75	Light Line (pickups, traveller, traveller, wagon master)		2	8.1
	71-72 69-72	Scout II 1000 thru 1500 Series	Std. Std.	2 1	8.12 9.72

1967 - 1974

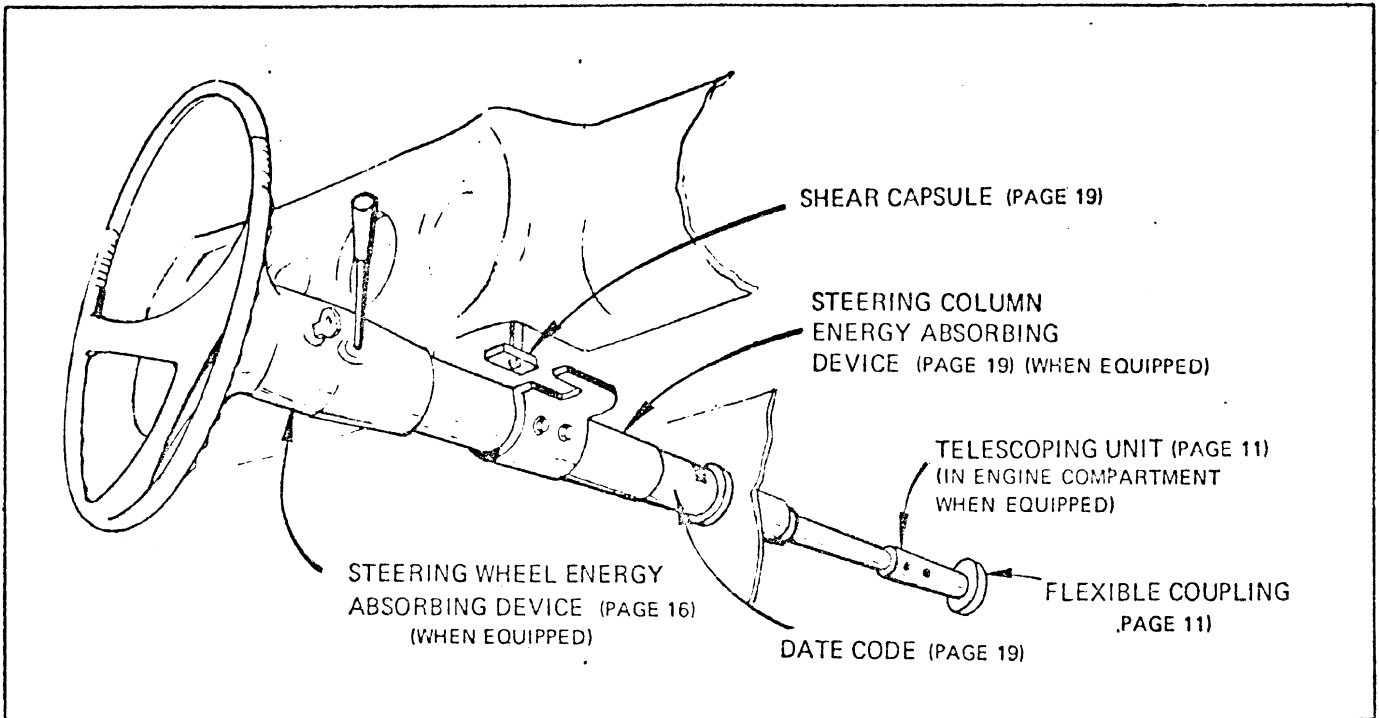
STEERING COLUMN ENERGY ABSORBING DEVICE TABLE

MAKE		STEERING COLUMN TYPE	E.A. DEVICE TYPE	ORIGINAL LENGTH C
All GM Make - Column Combinations Other Than Those Listed Below	69-70 71-74	All Types	2	8.25
			2	8.75
Corvette	69-74	All Types	3	8.25
Grand Prix Camaro	69-72	Standard	2	8.75
Malibu Laguna Firebird	73-74		2	8.25
LeMans Cutlass, Vista-Cruiser Sportwagon, GS	69-71 73-74	Tilt	2	7.81
Century Regal Monte Carlo Grand Am	72		2	8.31
Cadillac (All) (except El Dorado)	74	Tilt-Telescope	2	8.75
	69-73		2	7.8
Vega	71-74	Standard	4	8.1
Opel	67-74	All Types	1	10.3
Nova Omega Apollo Ventura	74	Standard	2	8.7
		Tilt	2	8.3

Corvair 67-69 All Types 1 10.3

All (except Corvair and Opel) 67-68 All Types 1 9.7

STEERING COLUMN



STEERING COLUMN ENERGY ABSORBING DEVICE TABLE*

CORPORATION	MODEL YEAR	MAKE	STEERING COLUMN TYPE	E.A. DEVICE TYPE	ORIGINAL LENGTH C	
GENERAL MOTORS*	75-76	ALL GM MAKE - COLUMN COMBINATIONS OTHER THAN THOSE LISTED BELOW	All types	2	8.75	
		CORVETTE	ALL TYPES	3	8.75	
		Malibu, Laguna, El Camino, Chevelle, Monte Carlo, Century, Grand Prix	STANDARD	2	8.25	
		Tempest, GTO, Le Mans, Cutlass, Vista Cruiser, Regal, Grand Am Sportwagon, GS-400	TILT	2	7.8	
		Cadillac All	TILT-TELESCOPE	2	8.75	
	75-76	GM SMALL CAR	Vega, Astre	All types	4	8.1
	75	OPEL		ALL TYPES	1	10.3
	75-76		Skyhawk, Starfire, Monza, Monza 2+2, Sunbird	All types	4	8.1
	75-76		Nova, Ventura, Apollo Omega, Skylark	Standard	2	8.75
				Tilt	2	8.30
	75-76		Camaro Firebird	Standard	2	8.75
				Tilt	2	8.25
	75		Chevrolet & GMC Pickup Trucks	All types	2	8.75
	76		Chevette	Standard	6	7.6

*For Vehicles with ACRS (Air-bag) See Steering Column EA:ACRS.

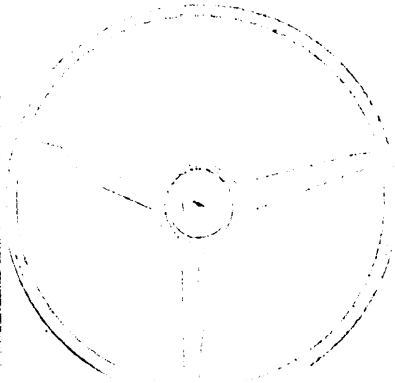
STEERING COLUMN EAD: IMPORTS

<u>MAKE</u>	<u>YEAR</u>	<u>MODEL</u>	<u>TYPE</u>	<u>ORIGINAL DIMENSION</u>
Audi	72-73	100LS	1	6.4"
	72	90 Sedan	1	6.4"
	73	Fox	6	6.4"
Datsun	72	1200	1	10.5"
	73	1200-2 Dr. Sedan	1	12.5"
	73	1200-Sport Coupe	1	13.0"
	72	510	6	8.0"
	73	610-Station Wagon	6	8.0"
	73	610-2 Dr. Hardtp	9	13.75"
	72-73	240Z	6	9.5"
	75-76	610, 710	4	7.237"
	75-76	B210	4	7.035"
	75-76	S30	4	6.933"
Dodge	72-73	Colt	6	7.0"
Jaguar	75-76	A11	1	Unknown
Mazda	72	808, RX3	bellows	Unknown
	71-72	RX2	ball	Unknown
	73-75	808, RX2, RX3, RX4	ball	Unknown
MG	76	MGB, Midget	1	Unknown
Opel	72	1900, Rallye	1	10.375"
	73	1900, Rallye	1	10.50"
	72-73	GT	7	N/A
Porsche	72	911	1	6.4"
	72-73	914	1	6.4"
Toyota	72	All pass. cars	1	10.74"
	73	Corona-Mark IIMX	6	Unknown
	73	Corolla, Celica	1	10.74"
Triumph	76	TR7, Spitfire		Unknown
Volkswagen	68-74	Beetle	1	6.5"
	68-73	Fastback, Squareback	1	6.5"
	71-74	411, 412	1	6.5"
	70-74	Transporter Bus	1	6.5"

1969 GENERAL MOTORS STEERING WHEELS

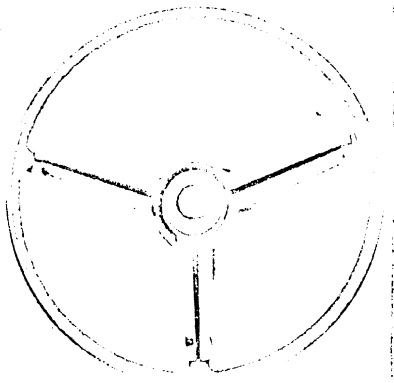
PASSENGER CARS

CHEVROLET 51



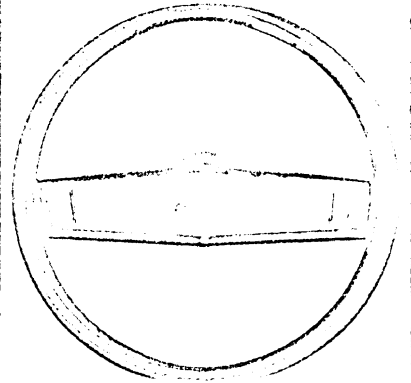
CORVAIR STD.

52



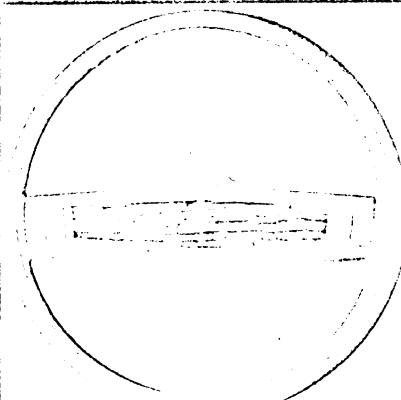
CORVAIR DLX,
CORVAIR TELESCOPE

01



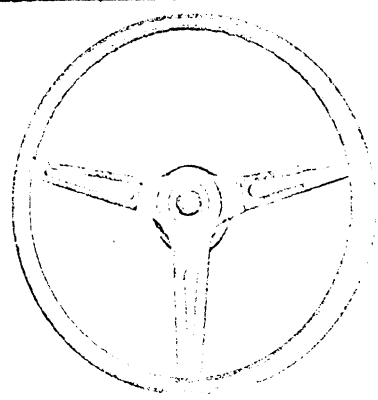
CHEVROLET DLX.
(ALL MODELS EXCEPT
CORVAIR & CORVETTE)

02



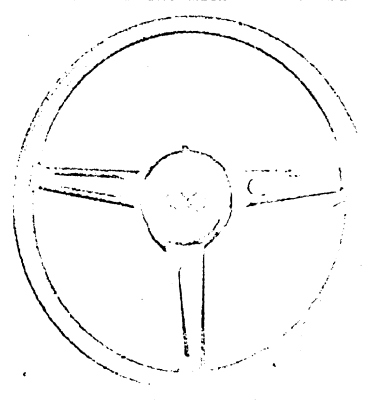
CHEVROLET DLX.
(ALL MODELS EXCEPT
CORVAIR & CORVETTE)

03



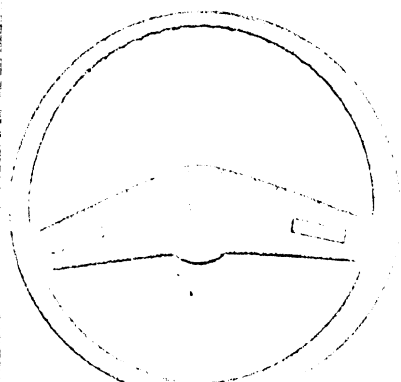
CHEVROLET SPORT OPT.
(ALL MODELS EXCEPT
CORVAIR & CORVETTE)

03



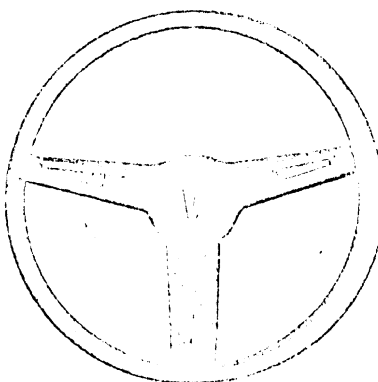
CORVETTE STD.
CORVETTE TELESCOPE

PONTIAC 05



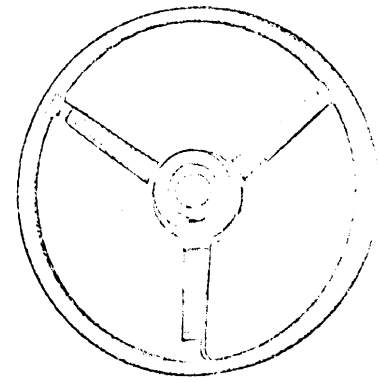
PONTIAC STD.
(ALL MODELS)

06



PONTIAC DLX.
(ALL MODELS)

17



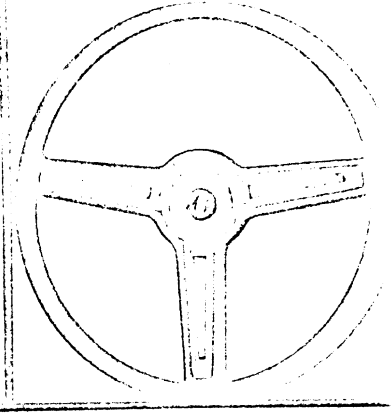
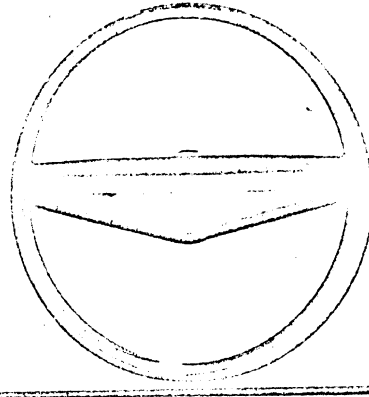
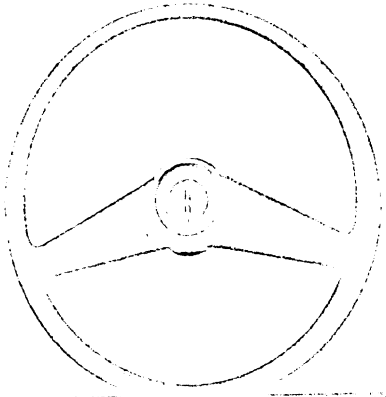
PONTIAC SPORT OPT.
(ALL MODELS)

1969 GM STEERING WHEELS (PASS. CARS)

OLDSMOBILE 08

09

34



P-85 & VISTA-CRUISER STD.
DELTA 88 STD.
DELTA 88 CUSTOM & ROYALE STD.
NINETY EIGHT STD.

OLDSMOBILE DLX.
(ALL MODELS EXCEPT
TORONADO)
TORONADO STD.

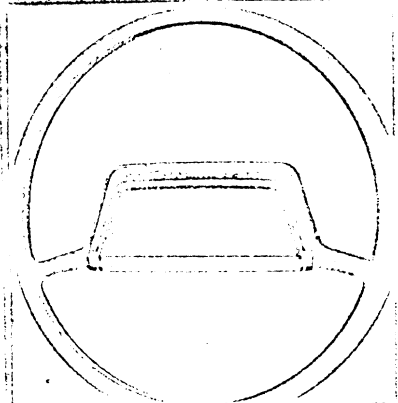
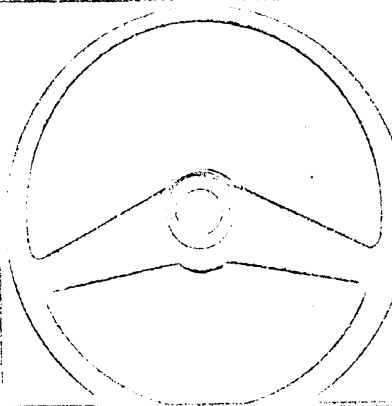
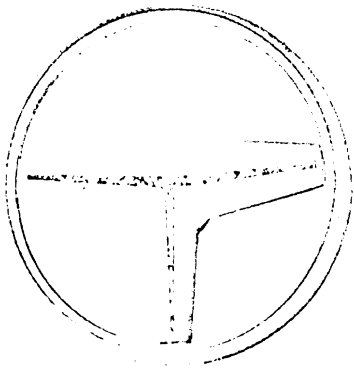
OLDSMOBILE SPOKE OPT.
(ALL MODELS)

11

BUICK

12

13



DELTA 88 TET
DELTA 88 CUSTOM & ROYALE TET
NINETY EIGHT TET
TORONADO TET

SPECIAL STD.
SPORTWAGON STD.

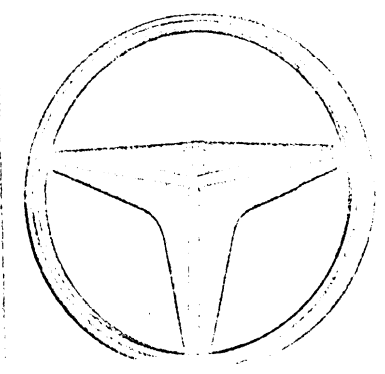
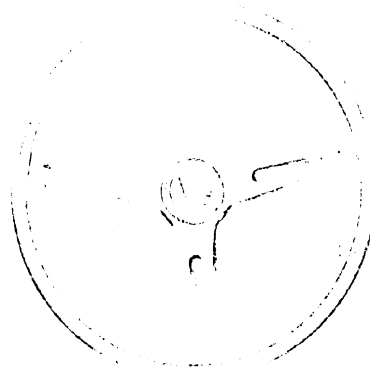
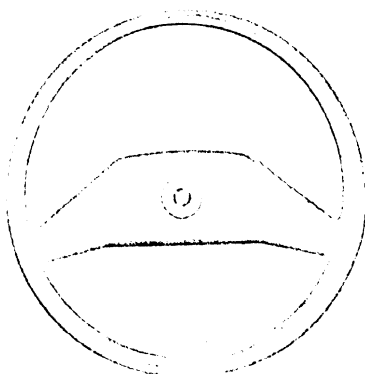
LESABRE & WILDCAT STD.
ELECTRA STD.
SPECIAL DLX.
SPORTWAGON DLX.

14

15

CADILLAC

17



RIVIERA STD.
LESABRE & WILDCAT DLX.
ELECTRA DLX.

BUICK SPORT OPT.
(ALL MODELS)

CADILLAC STD.
CADILLAC TET

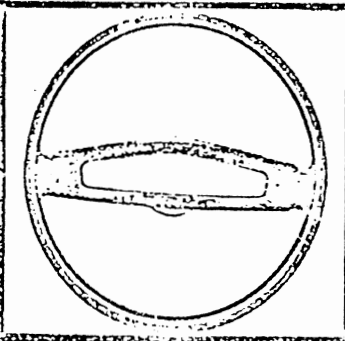
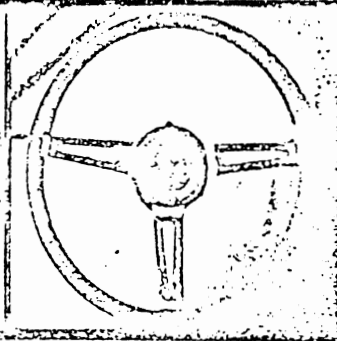
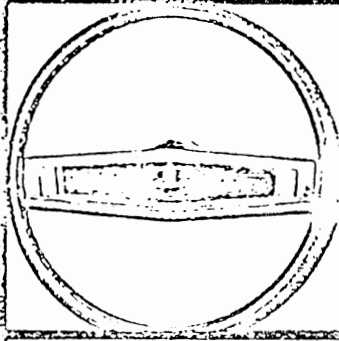
1970 GENERAL MOTORS STEERING WHEELS PASSENGER CARS

INDIVIDUAL STEERING WHEELS MAY HAVE TRIM FEATURES DIFFERENT FROM THOSE ILLUSTRATED. THE BASIC WHEEL DESIGN REMAINS THE SAME HOWEVER.

CHEVROLET 02

03

01



STANDARD
(ALL MODELS EXCEPT
CAMARO & CORVETTE)

SPORT
(OPTIONAL ALL MODELS;
CORVETTE STANDARD & T & T)

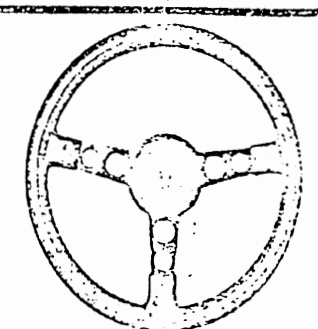
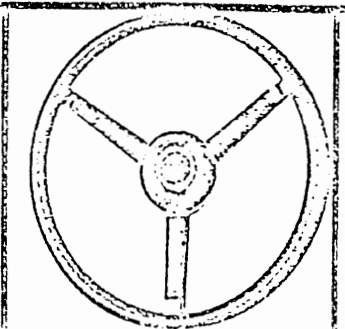
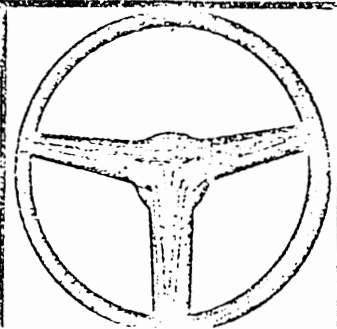
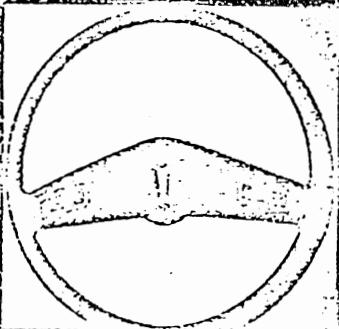
STANDARD CAMARO
(CAMARO ONLY)

PONTIAC 05

06

19

07



STANDARD
(FIREBIRD, CATALINA,
TEMPEST)

DELUXE
(ALL MODELS; STANDARD GTO,
GRAND PRIX, EXECUTIVE,
BONNEVILLE)

SPORT
(OPTIONAL ALL MODELS)

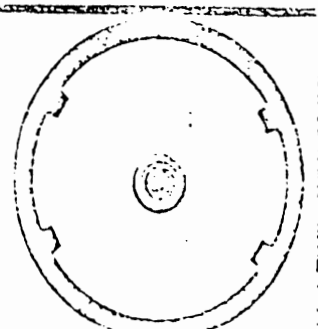
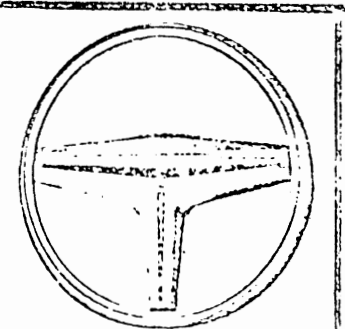
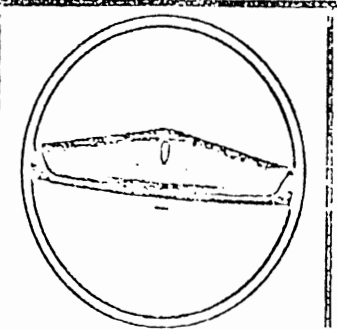
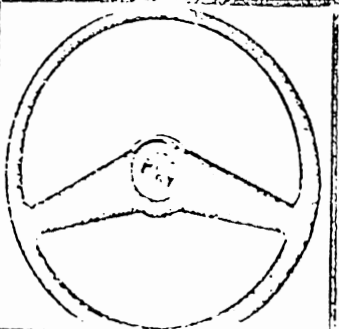
FORMULA
(OPTIONAL ALL MODELS)

OLDSMOBILE 08

09

11

10



STANDARD
(CUTLASS, MISTACRUISER,
DELTA ES)

DELUXE
(RIM OR PAD BLOW)
(ALL MODELS; STANDARD
TORONADO & 93)

T & T
(TORONADO & 98 WITH
T & T COLUMN)

SPORT
(OPTIONAL CUTLASS)

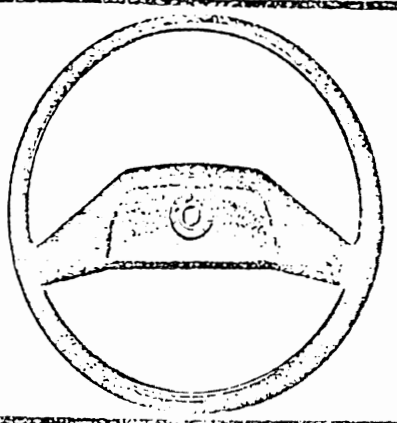
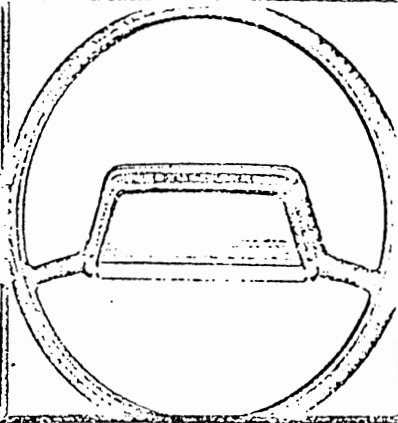
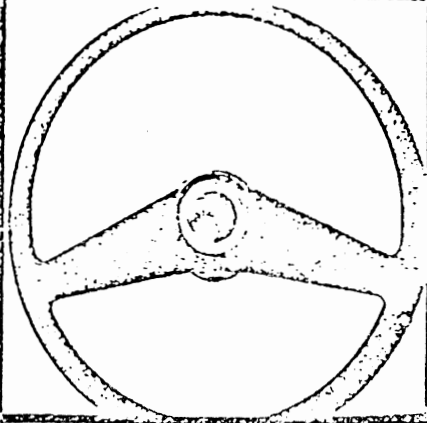
1970 GM STEERING WHEELS (PASS. CARS)

BUICK

12

13

14



STANDARD I

(STANDARD SKYLARK,
SPORTWAGON)

16

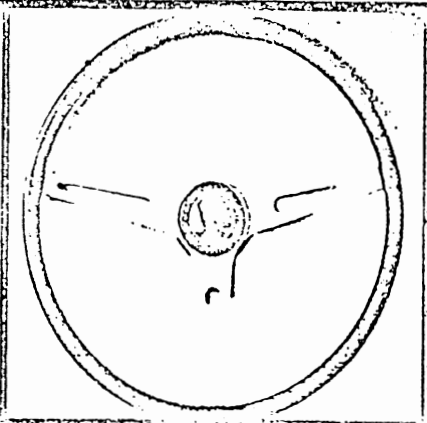
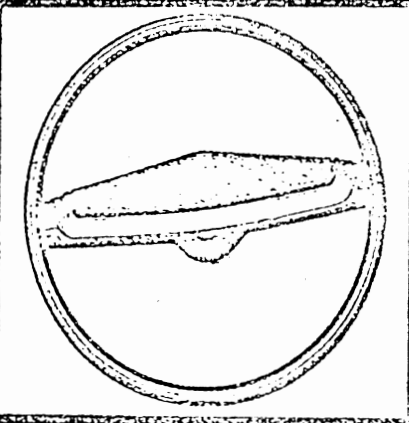
STANDARD II

(STANDARD LESABRE, WILDCAT;
OPTIONAL SKYLARK,
SPORTWAGON)

15

STANDARD III

(STANDARD RIVIERA, ELECTRA;
OPTIONAL LESABRE, WILDCAT)



DELUXE

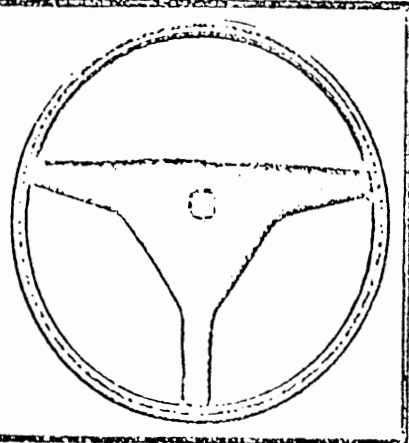
(OPTIONAL ALL MODELS)

SPORT

(OPTIONAL SKYLARK)

CADILLAC

17



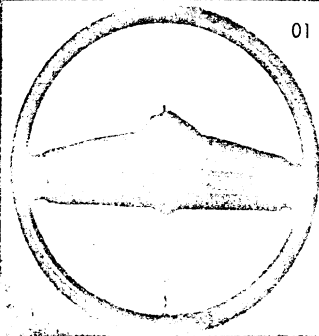
STANDARD

(ALL MODELS)

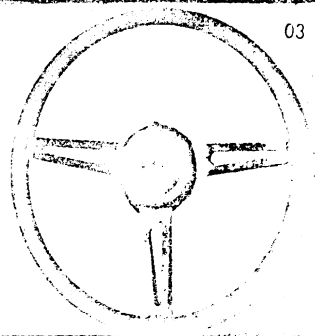
1971 GENERAL MOTORS STEERING WHEELS PASSENGER CARS

INDIVIDUAL STEERING WHEELS MAY HAVE TRIM FEATURES DIFFERENT FROM THOSE ILLUSTRATED. THE BASIC WHEEL DESIGN REMAINS THE SAME HOWEVER.

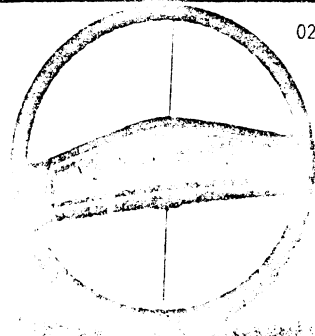
CHEVROLET



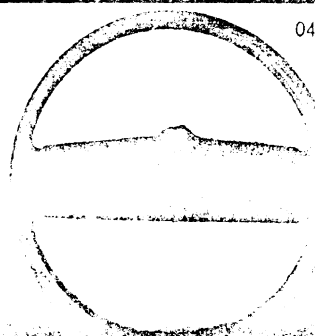
01



03



02



04

STANDARD

(ALL MODELS EXCEPT VEGA & CORVETTE)

SPORT

(CORVETTE STANDARD & T & T)

OPTIONAL

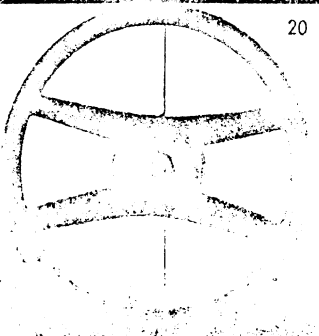
(ALL MODELS EXCEPT VEGA & CORVETTE)

STANDARD II

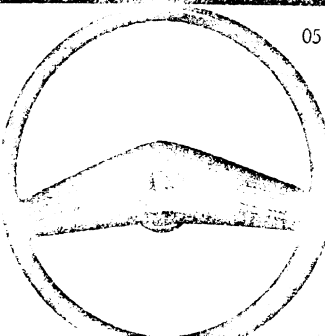
(VEGA ONLY)

CHEVROLET

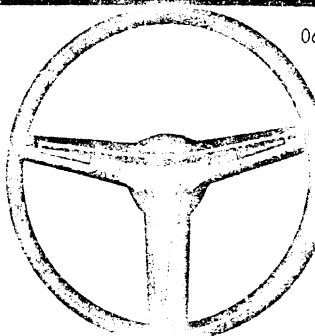
PONTIAC



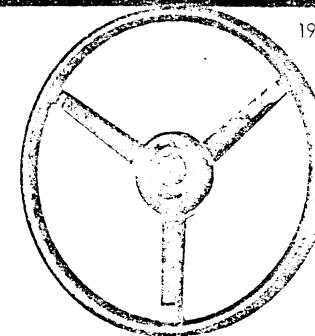
20



05



06



19

SPORT

(OPTIONAL ALL MODELS EXCEPT FULL SIZE CHEVROLET & CORVETTE)

STANDARD

(ALL MODELS)

DELUXE

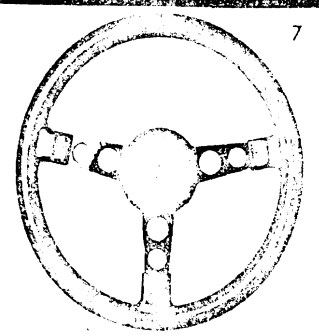
(ALL MODELS)

SPORT

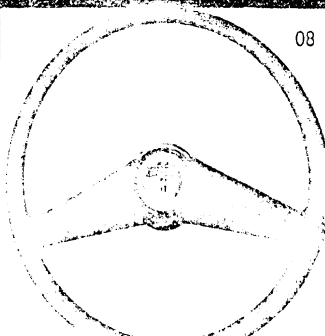
(OPTIONAL ALL MODELS)

PONTIAC

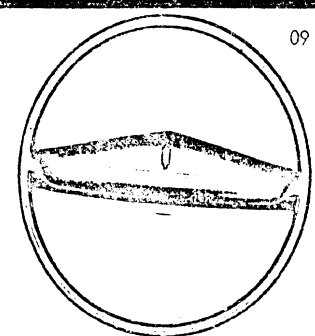
OLDSMOBILE



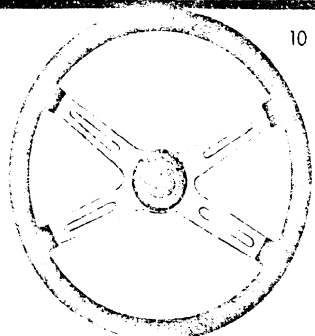
7



08



09



10

FORMULA

(OPTIONAL ALL MODELS)

STANDARD

(CUTLASS ONLY)

DELUXE

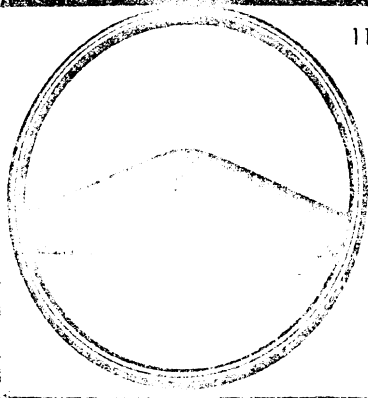
(CUTLASS ONLY)

SPORT

(OPTIONAL CUTLASS)

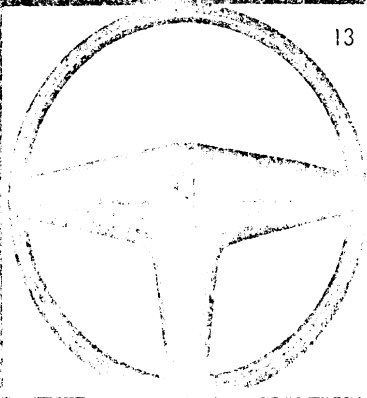
1971 GM STEERING WHEELS (PASS. CARS)

OLDSMOBILE



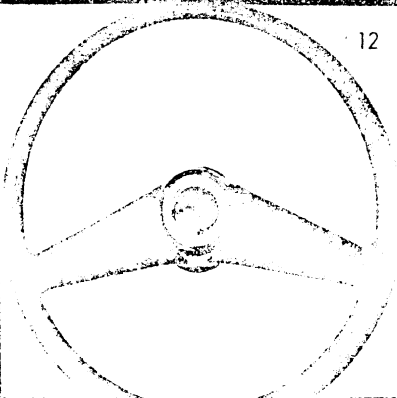
11

STANDARD II
(DELTA 88, 98 & TORONADO)



13

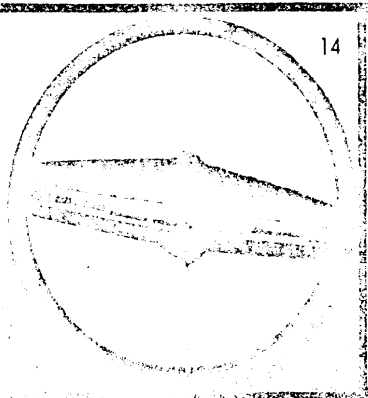
T & T OPTION
(98 & TORONADO)



12

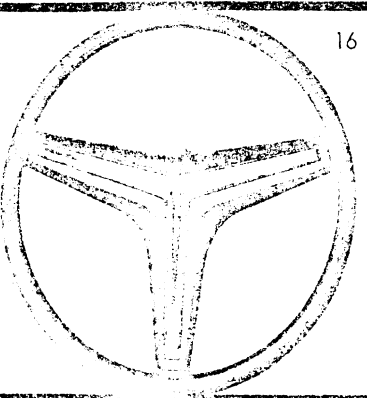
STANDARD I
(STANDARD SKYLARK, SPORTWAGON)

BUICK



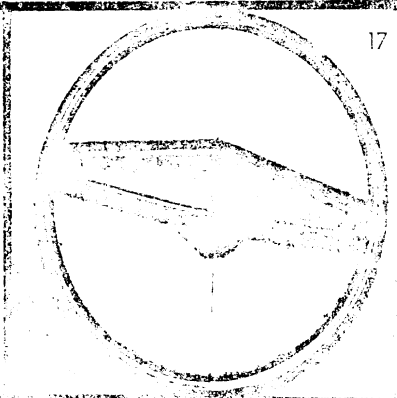
14

STANDARD II
(CENTURION, LESABRE; DELUXE SKYLARK, SPORTWAGON)



16

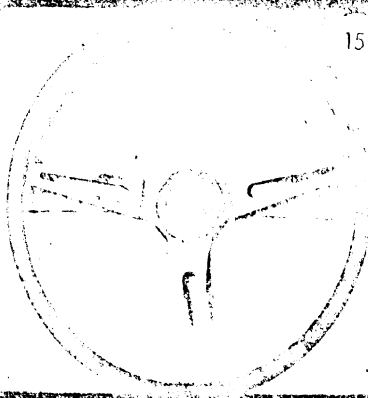
STANDARD III
(STANDARD RIVIERA, ELECTRA; DELUXE CENTURION, LESABRE)



17

OPTIONAL
(ALL MODELS)

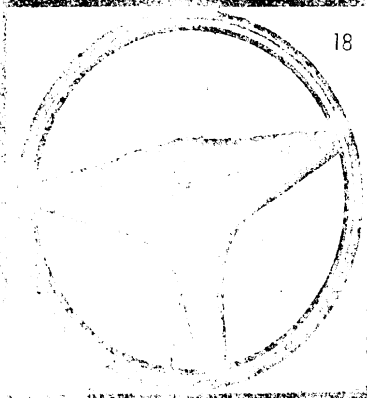
BUICK



15

SPORT
(OPTIONAL SKYLARK)

CADILLAC



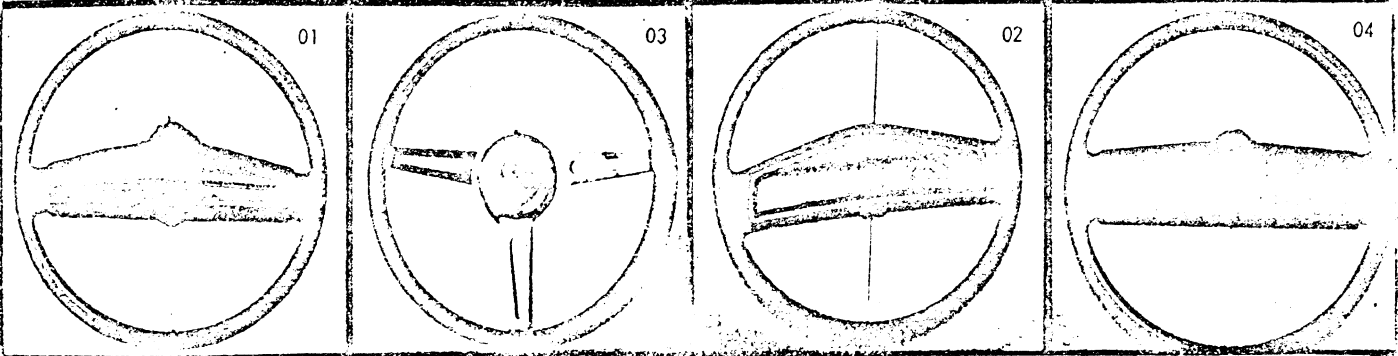
18

STANDARD
(ALL MODELS)

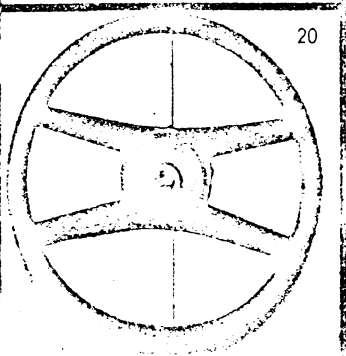
1972 GENERAL MOTORS STEERING WHEELS PASSENGER CARS

INDIVIDUAL STEERING WHEELS MAY HAVE TRIM FEATURES DIFFERENT FROM THOSE ILLUSTRATED. THE BASIC WHEEL DESIGN REMAINS THE SAME HOWEVER.

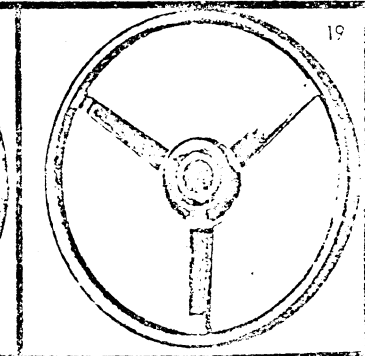
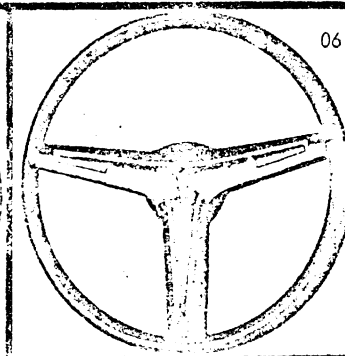
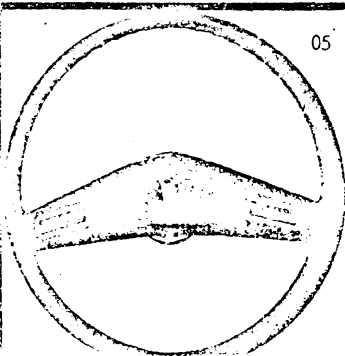
CHEVROLET



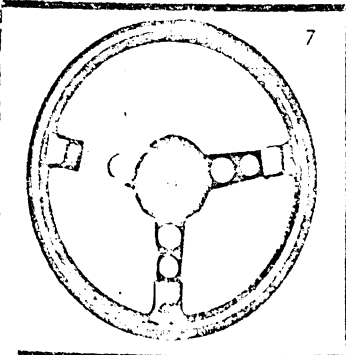
CHEVROLET



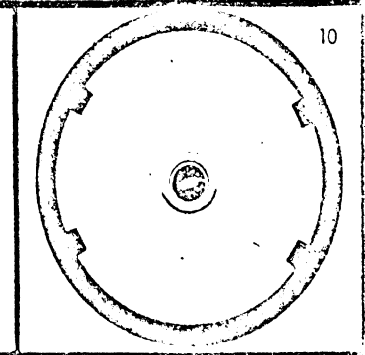
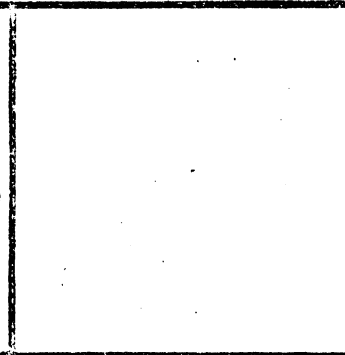
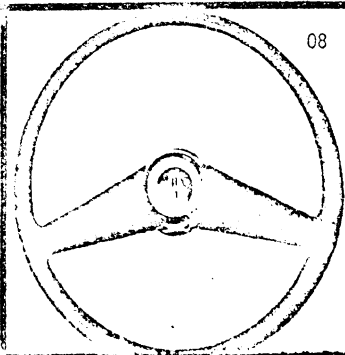
PONTIAC



PONTIAC



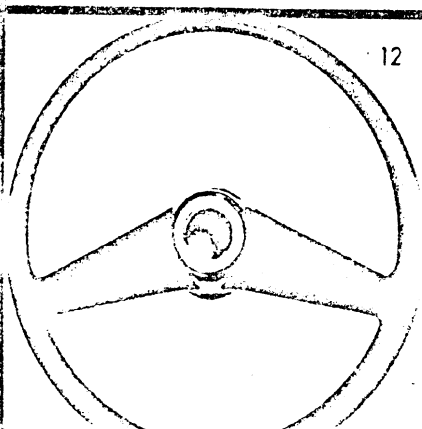
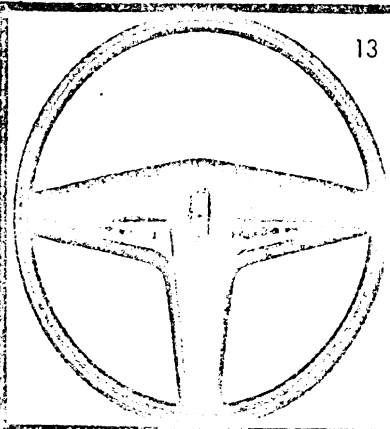
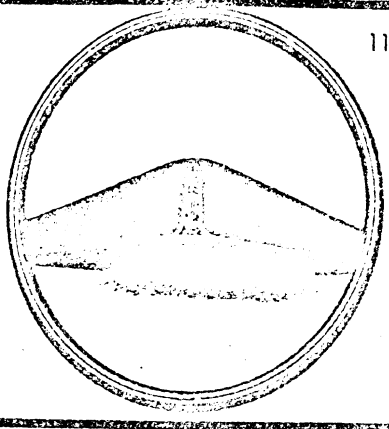
OLDSMOBILE



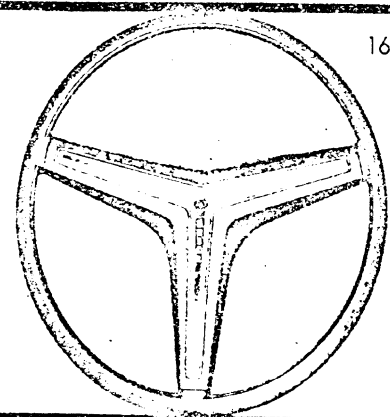
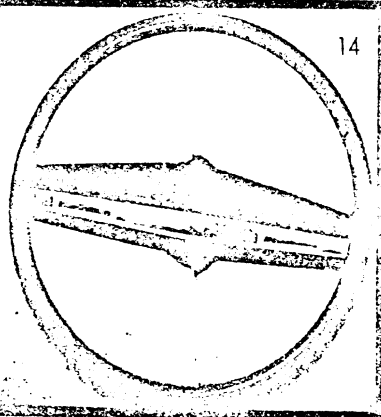
1972 GM STEERING WHEELS (PASS. CARS)

OLDSMOBILE

BUICK

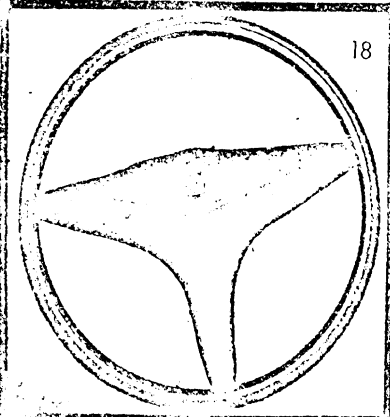
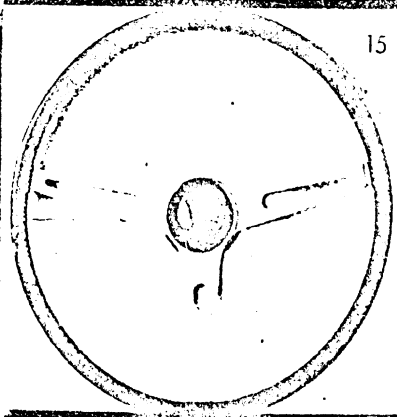


BUICK



BUICK

CADILLAC



CHEVROLET

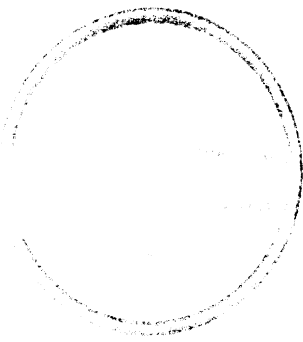
01

03

20

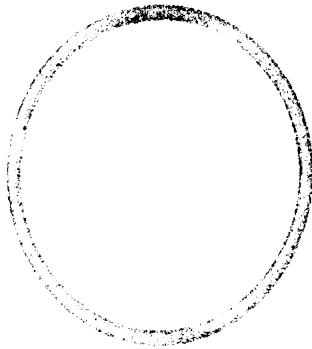
29

STEERING WHEEL CODES: GM 74



Standard

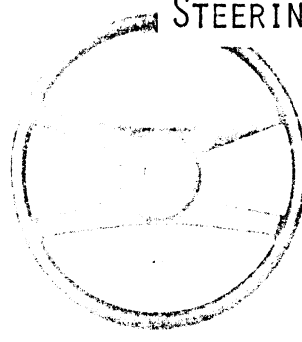
B - X - Boyd



Std. & Option

T & T

Corvette



H-GT Laguna Std.

Chev. F Std. &

Sport Opt.



Deluxe

A & B - Body

CHEVROLET

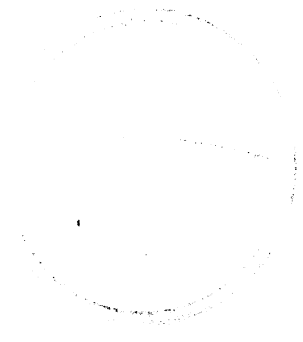
30

47

PONTIAC

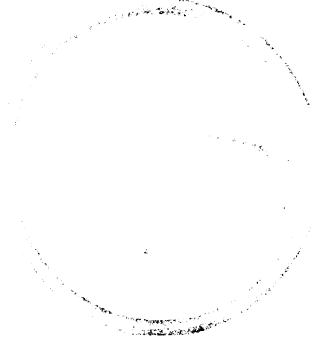
06

07



Standard

A - Body



Standard

H - Body



Custom Cushion

A & B Dlx.

G Std.



Formula

F Body

09

39

OLDS

10

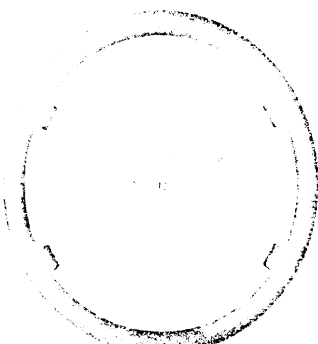
35



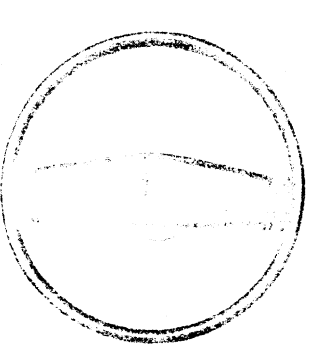
Custom Sport
Grand Am - Std.
A & G - Opt.



Deluxe
X - A - B - Std.



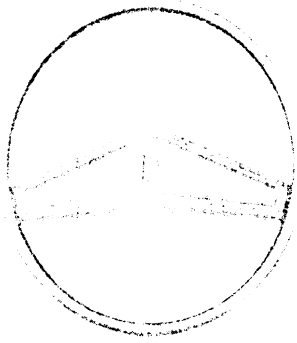
Custom Sport
A - X - Sport Opt.



Standard
X - Body

OLDS

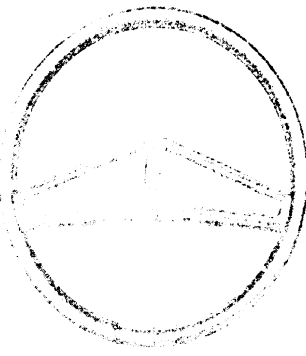
36



Standard

A - Body

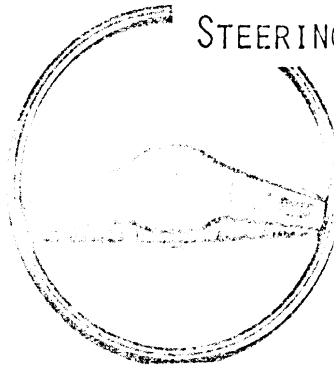
43



Deluxe

A - Body Salon

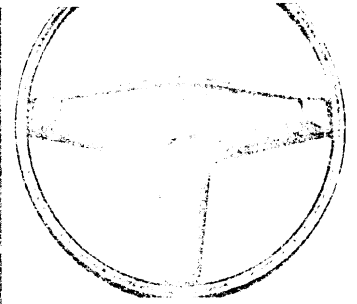
44



Standard

B - C - E - Body

45



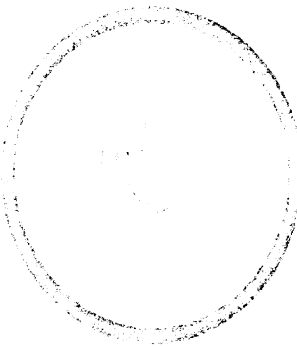
Option T & T

C - E - Body

STEERING WHEEL CODES: GM 74

BUICK

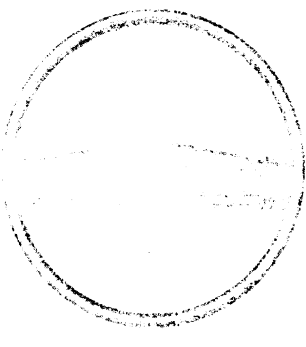
15



Rallye

X - A Body Sport Opt.

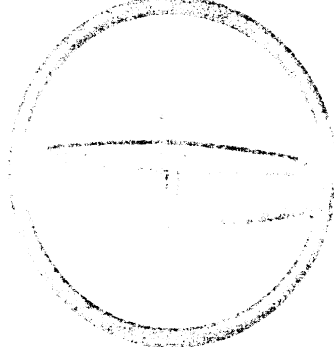
33



Deluxe

X - Body Std.

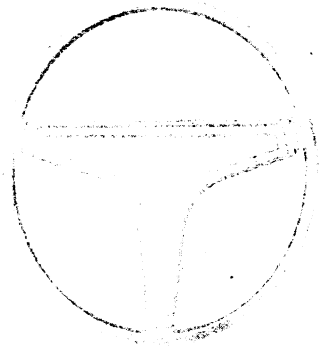
40



Deluxe

A - B - Body Std.

41



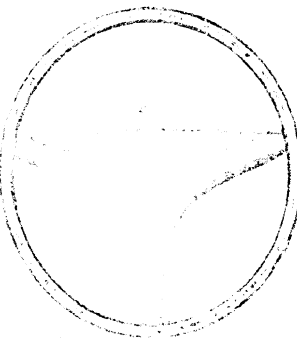
Custom

A - B - Body Dlx.

Opt.

C - E - Body Std.

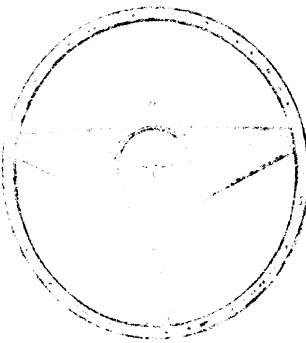
42



T & T Opt.

CADILLAC

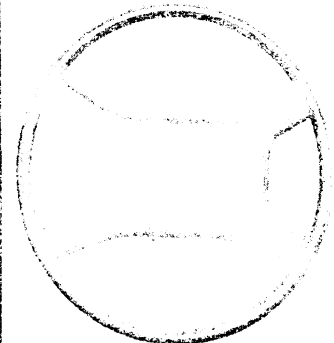
46



Standard

ACRS

77

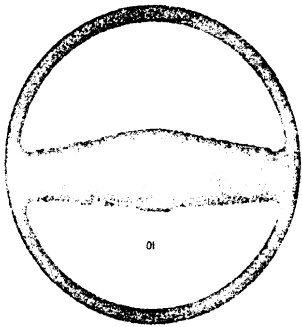


Std. on all Air
Cushion Restraint
Vehicles

1975 GM STEERING WHEELS

CHEVROLET

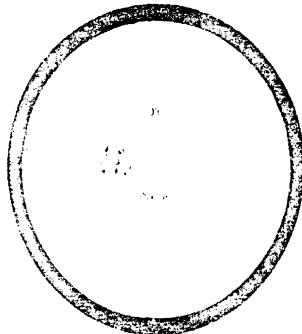
01



Standard

B - X - Body

03

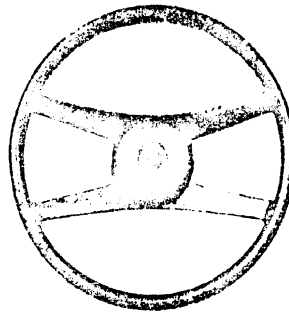


Std. & Option

T & T

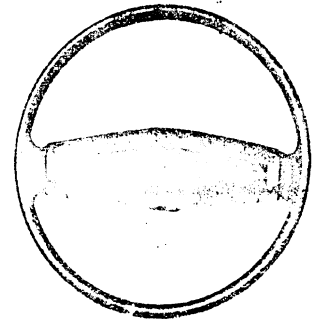
Corvette

20



H-GT, F, H(2+2)-Std

29

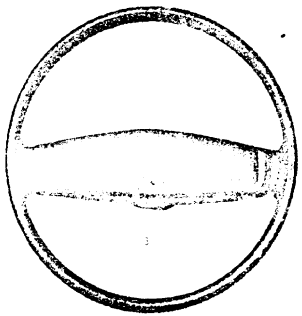


Deluxe

A & B - Body

CHEVROLET

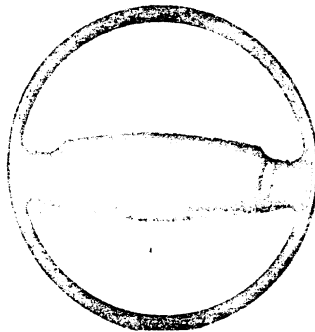
30



Standard

A - Body

47

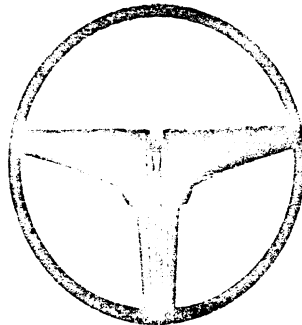


Standard

H - Body

PONTIAC

49

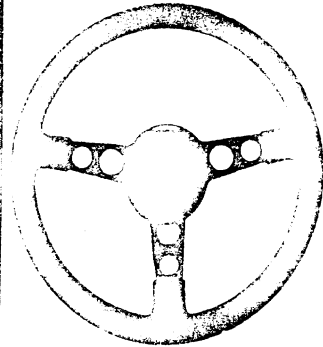


Custom Cushion

F-X-A-B-Dlx.

G-Standard

07

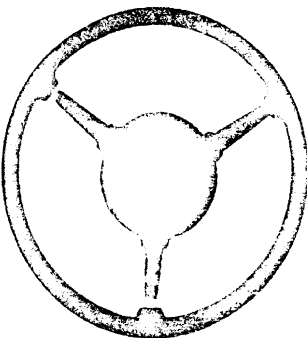


Formula

Trans Am-Std.

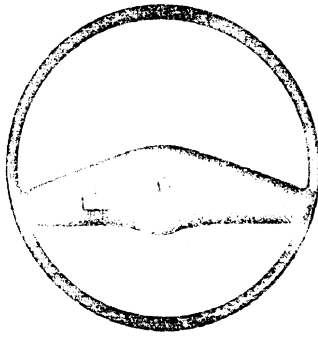
H-F-Spt. Opt.

09



Custom Sport
Grand Am-Std.
H-X-Spt. Opt.

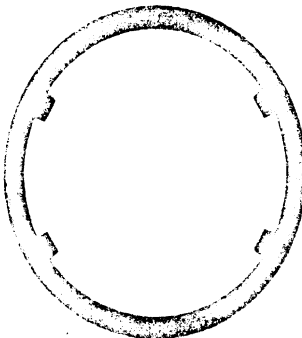
39



Deluxe
F-X-A-B-Std.

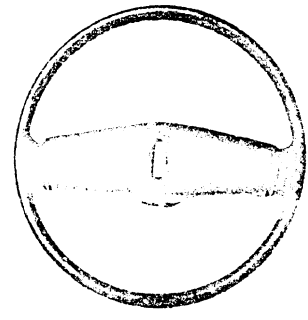
OLDS

10



Custom Sport
H(2+2) Std
H-X-Spt. Opt.

35

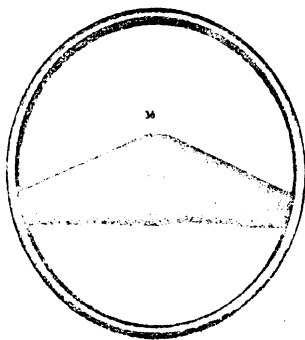


Standard
X - Body

1975 GM STEERING WHEELS

OLDS

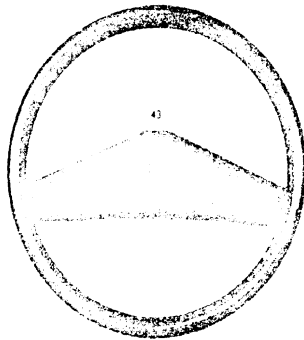
36



Standard

A - Body

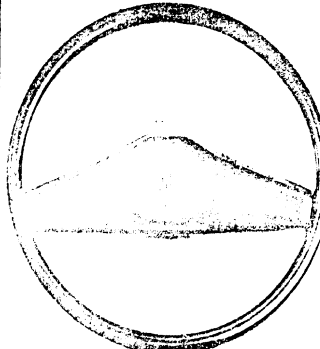
43



Deluxe

A - Body Salon

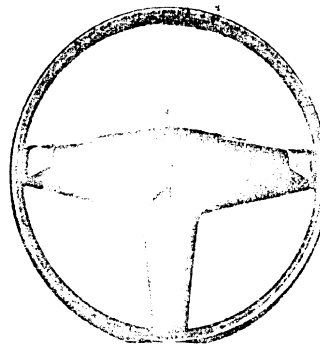
44



Standard

B - C - E - Body

45

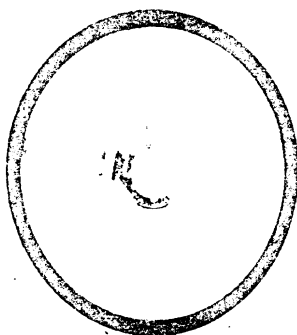


Option T & T

C - E - Body

BUICK

15

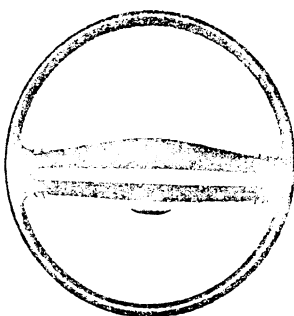


Rallye

H(2+2) Std.

A-X-Spt. Opt.

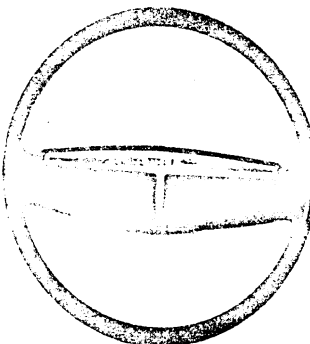
33



Deluxe

X - Body Std.

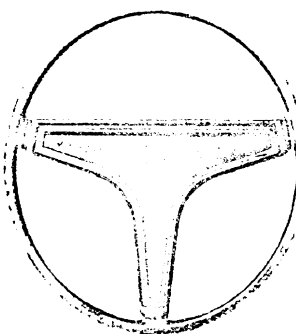
40



Deluxe

A - B - Body Std.

41



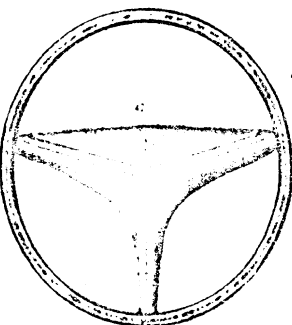
Custom

A - B - Body Dlx.

Opt.

C - E - Body Std.

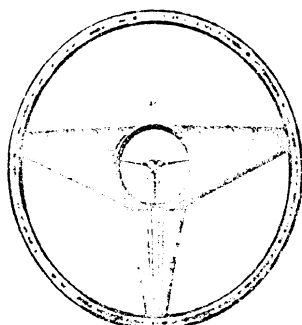
42



B-C-E (T & T)

CADILLAC

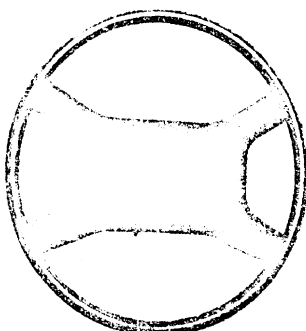
46



Standard

ACRS

77



Std. on all Air
Cushion Restraint
Vehicles

Steering Wheel Energy Absorbing Device Table

<u>CORPORATION</u>	<u>YEAR</u>	<u>MAKE</u>	<u>LENGTH</u>
Chrysler	70-76	Barracuda	4.9 (in.)
		Challenger	4.9 (in.)
Ford	71-76	Capri	6.0 (in.)

Another type of Steering Wheel Energy Absorbing Device is the Steering Wheel Pad (looks like donut). The cars below are the only U.S. ones with pads that serve that purpose. Some foreign cars may also have them. They should be coded in 17.7.14 only, and not as a Steering Wheel Energy Absorbing Device.

Cricket - All year models

Fords - 67

Mercury Cougar - 67

STEERING WHEEL EA DEVICE: IMPORTS

STEERING WHEEL ENERGY ABSORBING DEVICES

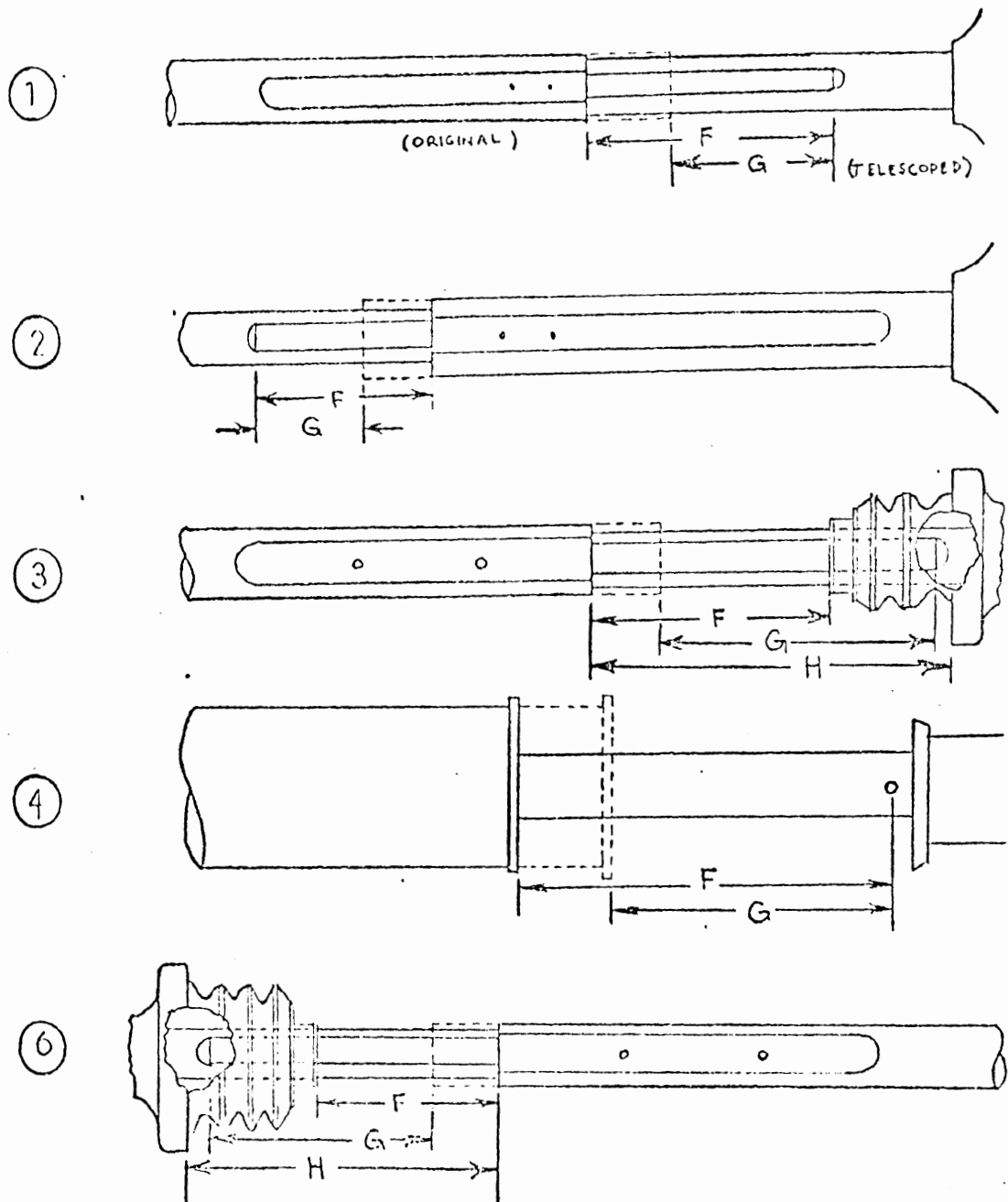
<u>MAKE</u> <u>MAKE</u>	<u>YEAR</u>	<u>MODEL</u>	<u>TYPE</u>	<u>ORIGINAL</u> <u>DIMENSION</u>
Alfa-Romeo	69-74	A11	Unknown	5.28"
	75-76	Spider 2000	Unknown	5.23"
	75-76	Alfetta	Unknown	5.16"
Audi	72-73	90 Sedan (Fox), 100LS	Mesh	3.75"
Ford	72	Capri	Barracuda	3"
	73	Capri	Barracuda	3.25"
Mercedes- Benz	68-76	2-spoke Wheel	Unknown	4.16"
		4-spoke Wheel	Unknown	3.6"
Porsche	72-73	911, 914	Mesh	3.75"
VW	72-74	Beetle, Super Beetle	Mesh	5.27"
		Fastback	Mesh	5.27"
		Squareback	Mesh	5.27"
		411	Mesh	5.27"

TEAM PREFIX & CASE NUMBERS

TEAM LETTERS V2	REPORT SEQUENCE NUMBER V3	TEAM NUMBER V5	FULL TEAM CASE NUMBER V16	TEAM
CA	71063	4	CAL 71 63A	Calspan - IIIA (Joint NHTSA-MVMA)
	71745		CAL 71E 45A	
CB	71016	5	CAL 71 16B	Calspan - IIIB (Joint NHTSA-MVMA)
	73045		CAL 73 45	
	75802		CAL AB 75 2	
HS	00131	8	HSRI 131	(ACRS case)
OK	00299	16	OK 299	Highway Safety Research Institute Oakland County, HSRI - III
	00582		OK 582 73	
UC	00450	27	UC 450	University of California (Siegel)
UM	00513	30	UM 513 71	University of Michigan (Huelke)
	00550		A138-1UM550	
<u>Canadian Teams</u>				
DT	71027	6	DTS 027 71	Ministry of Transport, Ottawa
	74805		DTS 10574AB	
MG	71021	10	MGU 021 71	(ACRS case)
MU	71016	13	EPM 016 71	McGill University, Montreal
NB	71009	14	UMB 009 71	University of Montreal, Ecole Polytechnique
NS	73001	38	NST 001 73	University of New Brunswick
UT	71023	32	TOR 023 71	Nova Scotia Technical Coll.
VA	72004	34	UOA 004 72	University of Toronto
VB	73005	35	BCR 005 73	University of Alberta
YM	73006	36	UCM 006 73	University of British Columbia
YS	72007	37	UOS 007 72	University of Manitoba
VW	74001	39	UWO 001 74	University of Saskatchewan
<u>NHTSA Teams</u>				
AA	00105	1	AA 105	Ann Arbor, HSRI - III
	00138		A138-1UM550	
	00801		AA 401 AB	
	04001		3730709 DEM	
BA	00012	2	MVD 12	Baylor College of Medicine
	00431		4ME31	
BU	70017	3	BU 70 17	Boston University
CA	71063	4	CAL 71 63A	Calspan - IIIA (Joint MVMA-NHTSA)
	71745		CAL 71E 45A	
CB	71016	5	CAL 71 16B	Calspan - IIIB (Joint MVMA-NHTSA)
	73045		CAL 73 45	
	75802		CAL AB 75 2	
GI	00053	7	GIT 53	(ACRS case)
	00122		GIT 260 122	
IU	69013	9	MCR 69 13	Georgia Institute of Technology
	74004		TAC SP 74 4	
	70010		VDP 70 10	
MI	73022	11	TAC 73 22	Indiana University
	00121		MI 697121	
	00240		MIAMI 72 240	
	00309		MI 309	
ML	75007	12	C MI 007	University of Miami (ACRS)
	75806		MI ACRS 006	
NM	70008	15	MYF 70 8	Maryland Medical/Legal Foundation
OS	00039	15	UNM 39	University of New Mexico
RT	00012	17	OSU 12	Ohio State University
	00032		RTI 32	
RU	00083	18	RTI 095 83	Research Triangle Institute
	00099		RAI 99	
	00338		USC 71 38	
SC	73020	20	USC 73 20	University of Southern California
	74801		USC AB 74 1	
	75703		(ACRS case)	
	75901		USC SB 3	
SI	00004	21	USC T 01	(School Bus case)
	74001		SRI 2 004	
	00081		SRI 8096 01	
SR	00081	22	SRI 0081	Stanford Research Institute (2)
	00019		SU 019	
SU	00019	23	SU 019	Stanford Research Institute (1)
	72003		SWRI 7203	
SW	74807	24	SWRI AB7407	Stanford University
	01143		UC 11430	
TR	00013	25	TU 1382870	Southwest Research Institute
	71005		TU 71 5	
TU	00002	26	TU 71 5	(ACRS case)
	00001		TU 71 5	
UH	00002	28	HOU 2	Trauma Research Group, UCLA
	00001		HOU 2	
UK	00321	29	321 KY 01	Tulane University
	00322		321 KY SP	
	00322		321 KY SPZ	
UO	72002	31	UOK 72 2	University of Houston
UU	70013	33	UTAH 013 70	University of Kentucky
	00001		NHTSA AID 1	
WA	00001	40	NHTSA AID 1	(Special case)

TELESCOPING UNIT: DIAGRAM

ENGINE COMPARTMENT TELESCOPING UNIT



CORPORATION	MAKE	MODEL YEAR	UNIT TYPE	ORIGINAL LENGTH F
AMC	Hornet	71-76		
	Gremlin		1	6.56
	Javelin	71-74	1	7.53
	Javelin AMX			
	Matador	71-73	2	6.28
	Matador (2-Door)	74-76	2	5.94
	Matador (4-Door)		2	6.06
	Ambassador	67	1	8.4
		68-69	2	6.1
		70	2	7.7
		71-73	2	7.62
		74	2	8.01
	Pacer	75	9	3.00
	76	1	3.50	
Chrysler	Barracuda	70-72	4	10.2 (Manual)
	Challenger			9.0 (Power)
IHC	Cherokee & Wagoneer	76	1-power 3-man	6.45 5.57

Ford - None except on cars equipped with Ford Mini-Column EA Devices. Those cars should be coded Type 8; length = 888.

GENERAL MOTORS
ENGINE COMPARTMENT TELESCOPING UNIT DIMENSIONS

			Original Length	
Make	Model Year	Type	F	H(+/-0.7 In.)
Chevelle El Camino Tempest	'67	1	8.45	
Grand Am Century Cutlass	'68-'70	2	5.74	
Vista Cruiser Regal	'71-'72 '73 '74	2 2 6	5.69 6.08	6.2 +/- .7
Camaro	'70	2	5.74	
Firebird	'71-'73 '74	6 6		8.18 8.25 +/- .5
Grand Prix	'69-'70 '71-'73 '74	2 6 6	5.79	8.74 7.84
Monte Carlo	'70 '71-'73 '74	2 6 6	6.53	8.70 7.84
Vega	Man. Strg.	'71-'73	3	8.10
		'74	3	7.69 +/- .4
	Pwr. Strg.	'71-'73	3	4.46
		'74	3	4.50
Biscayne Brookwood Bel Air Townsmen Impala Kingswood Caprice	Chev. '71-'73 '74	6 6	4.16	6.21 6.43
Catalina Bonneville Grand Safari	Pont.			
Delta 88 Ninety-Eight	Olds '71-'73	6		7.20
LeSabre Estate Wagon Centurion Electra 225	Buick '74	6	5.25	7.20
Grandville	Pont. '71-'73	6		8.45
Riviera	Buick '74	6	6.40	8.45
Chevy II - Chevy Nova Eldorado - Cad. Cadillac Toronado - Olds Ventura II - Pont. Corvette Omega Opel Apollo	Thru '73 '74	Not Equpd. Not Equpd.		

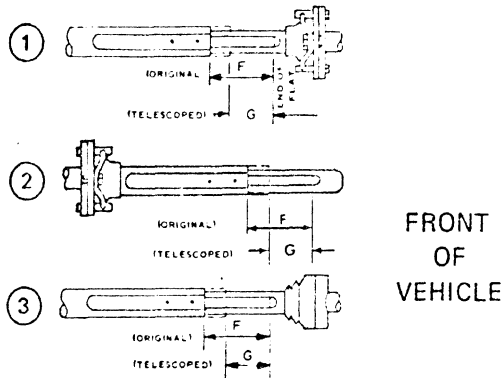
GENERAL MOTORS
ENGINE COMPARTMENT TELESCOPING UNIT DIMENSIONS

MAKE	MODEL YEAR	TYPE	ORIGINAL LENGTH		
			F	H(+/-0.5 IN.)	
Malibu El Camino Le Mans Grand Am Cutlass Century Laguna Vista-Cruiser	1975-76	2		6	
Camaro Firebird	1975-76	6	4.1	5.75	
Grand Prix Monte Carlo	1975 1976	2 6	2.37 2.37	7.50 7.50	
Vega	Man. Strg.	1975-76	3	5.50	7.75
	Pwr. Strg.	1975-76	3	2.38	4.50
Nova Apollo Omega Ventura Skylark	1975-76	6	3.50	5.25	
Skyhawk Monza 2+2 Starfire Sunbird	1975 all + 1976 Pwr St. 1976 Man. St.	3 3	2.25 5.50	4.25 7.50	
Bel Air Impala Caprice	1975-76	6	4.25	6	
Catalina Bonneville Grand Ville Catalina Safari Grand Safari Delta 88 Custom Cruiser Ninety-Eight	1975-76	6	5.25	6.75	
LeSabre Estate S/W Electra	1975-76	6	5.25	7.1	
Riviera	1975-76	6	6.50	8.25	
Eldorado-Cadillac Cadillac Toronado - Oldsmobile Corvette Opel	1975-76	Not Equipped			
Chevrolet & GMC Pickup trucks	1975-76	2		6.50	

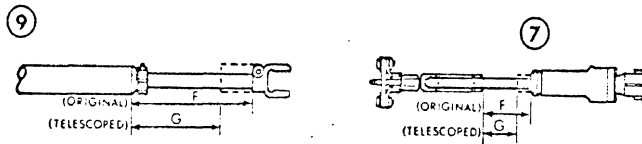
TELESCOPING UNITS: IMPORTS

<u>MAKE</u>	<u>YEAR</u>	<u>MODEL</u>	<u>FLEXIBLE COUPLING TYPE</u>	<u>TELESCOPING TYPE</u>	<u>UNIT DIMENSION</u>
Audi	72-73	90 (Fox), 100LS	1	5	N/A
Datsun	72-73	1200	2	5	N/A
	72	510	8	5	N/A
	73	610-Station Wgn	1	8	N/A
	73	610-Hardtop	1	5	N/A
	72-73	240Z	1	5	N/A
	75-76	610, 710, B210, S30	6	5	N/A
Dodge	72-73	Colt	2	5	N/A
Fiat	72-73	Spider Conv.	2	8	N/A
Ford	72-73	Capri	2	5	N/A
Mazda	71-74	RX2	6	Unknown	
	74-75	RX4	6	Unknown	
	74-75	Rotary Pickup	8	Unknown	
Mercedes Benz	Unk-76	All	Unknown	Equipped	Unknown
MG	76	Midget	Unknown	Equipped	Unknown
Opel	72	1900	1	5	N/A
	73	1900 LUXUS	1	8	N/A
	73	1900 Wagon	1	5	N/A
	72-73	Rallye	1	2	7.5
	72-73	GT	1	8	N/A
Porsche	72	911, 914	2	5	N/A
	73	911	1	8	N/A
	73	914	1	5	N/A
Toyota	72	Carina, Corona	1	5	N/A
	73	Corona-Mark IIMX	1	5	N/A
	72-73	Corolla	2	5	N/A
	72-73	Celica	1	5	N/A
VW	49-74	Beetle	1	5	N/A
	71-74	Super Beetle	2	8	N/A
	66-73	Fastback, Squareback	1	5	N/A
	72-74	411, 412	1	5	N/A
	68-74	Transporter Bus	1	5	N/A

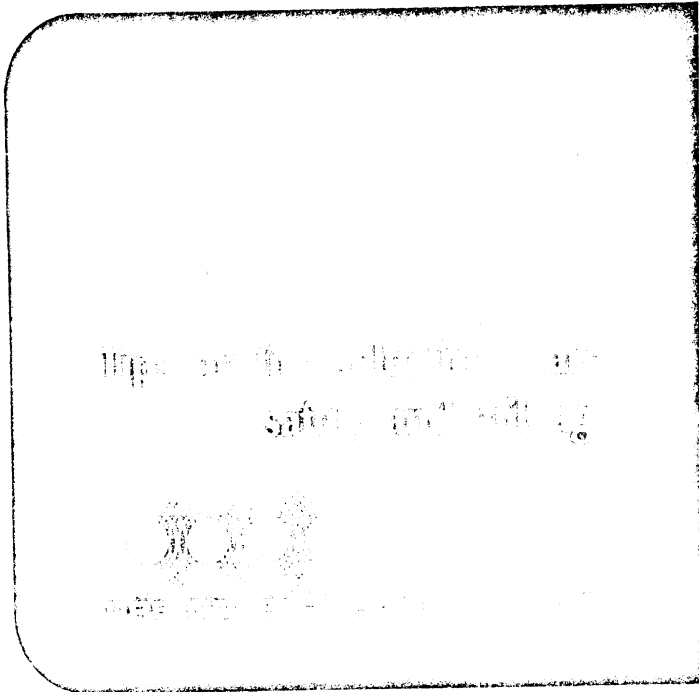
ENGINE COMPARTMENT TELESCOPING UNIT



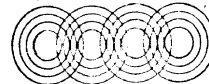
FRONT
OF
VEHICLE



CORP.	MAKE	MODEL YEAR	TYPE UNIT	ORIG. LENGTH (F)	
				MANUAL	POWER
IHC	1000 Series	69 & Up	2	6.75"	5.50"
	1100	69 & Up		7.00"	6.75"
	1200				
	1300				
	1100 (4x4)				
	1200 (4x4)				
	1300 (4x4)	69 & Up	7	7.30"	5.80"
1500					
	Scout 800	69-71	3	5.90"	-
	Scout II	71 & Up	9	9.75"	9.75"
GMC	CHEV & GMC	68	1	5.70"	5.70"
		69	1	5.70"	5.70"
		70	1	5.70"	5.70"
		71	1	5.70"	5.70"



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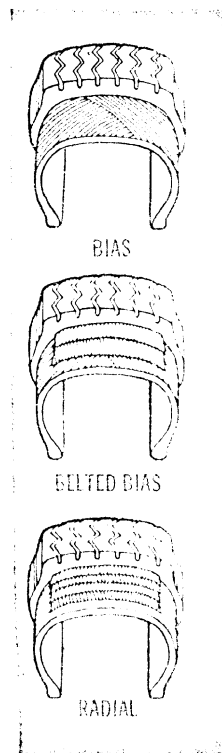
TIRE INDUSTRY SAFETY COUNCIL

1965-On	Bias and Belted Bias		Metric	Radial	
	Pre-1965	'78 Series' '70 Series' '60 Series'		'78 Series'	'70 Series'
6.00-13			165 R 13		
6.50-13		A75-13 A70-13		AR 78-13	AR 70-13
		B78-13 B70-13	175 R 13	BR 78-13	BR 70-13
7.00-13		C78-13 C70-13		CR 78-13	CR 70-13
			185 R 13		
		D70-13		DR 78-13	DR 70-13
		E70-13		ER 78-13	ER 70-13
6.45-14		A70-14	155 R 14		AR 70-14
	6.00-14		165 R 14		
6.95-14		B78-14 B70-14		BR 78-14	BR 70-14
	6.50-14	C78-14 C70-14	175 R 14	CR 78-14	CR 70-14
7.35-14		D78-14 D70-14		DR 78-14	DR 70-14
	7.00-14	E78-14 E70-14	185 R 14	ER 78-14	ER 70-14
7.75-14			195 R 14		
	7.50-14	F78-14 F70-14		FR 78-14	FR 70-14
8.25-14		G78-14 G70-14	205 R 14	GR 78-14	GR 70-14
	8.00-14		215 R 14		
8.55-14		H78-14 H70-14		HR 78-14	HR 70-14
	8.50-14	J78-14 J70-14	225 R 14	JR 78-14	JR 70-14
		K70-14			KR 70-14
	9.50-14	L70-14			LR 70-14

1965-On	Bias and Belted Bias		Metric	Radial	
	Pre-1965	'78 Series' '70 Series' '60 Series'		'78 Series'	'70 Series'
			165 R 15		
6.85-15	6.00-15			BR 78-15	
	6.50-15	C78-15 C70-15	175 R 15	CR 78-15	CR 70-15
7.35-15		D78-15 D70-15		DR 78-15	DR 70-15
		E78-15 E70-15 E60-15	185 R 15	ER 78-15	ER 70-15
7.75-15	6.70-15	F78-15 F70-15 F60-15	195 R 15	FR 78-15	FR 70-15
			205 R 15		
8.25-15	7.10-15	G78-15 G70-15 G60-15		GR 78-15	GR 70-15
	7.60-15	H78-15 H70-15	215 R 15	HR 78-15	HR 70-15
8.55-15	8.00-15	J78-15 J70-15	225 R 15	JR 78-15	JR 70-15
	8.85-15				
9.00-15	8.20-15	K70-15			KR 70-15
		L78-15 L70-15	235 R 15	LR 78-15	LR 70-15
		M78-15			
		N78-15			
8.90-15					
6.00-16					
6.50-16					
7.00-15					
7.00-16					

TIRES FOR IMPORTED CARS

"Super Balloon" Sizes (Bias)	"Low Section" Sizes (Bias)	"Super Low Section" Sizes (Bias)
5.20-10	5.00-12	145-10 5.95-10
5.90-10	5.50-12	125-12 5.35-12
5.20-12	6.00-12	135-12 5.65-12
5.60-12	5.00-13	145-12 5.95-12
5.90-12	5.50-13	155-12 6.15-12
6.20-12	7.25-13	145-13 5.95-13
5.20-13	7.50-13	155-13 6.15-13
5.60-13	5.50-15L	165-13 6.45-13
5.90-13	6.00-15L	175-13 6.95-13
6.20-13	6.50-15L	185-13 7.35-13
6.40-13	7.00-15L	135-14 5.65-14
6.70-13		145-14 5.95-14
6.90-13		155-14 6.15-14
5.20-14		165-14
5.60-14		175-14
5.90-14		185-14
6.40-14		195-14
5.20-15	5.3-12	205-14
5.60-15	5.9-10	215-14
5.90-15	5.9-12	225-14
6.40-15	6.2-12	125-15 5.35-15
	6.2-13	135-15 5.65-15
	6.2-14	(5.0-15)
	6.9-13	145-15 5.95-15
	6.9-14	(5.5-15)
	6.2-15	155-15 6.35-15
	6.9-15	165-15
	7.3-14	175-15/7.15-15
	7.3-15	185-15
		195-15
		205-15
		215-15
		235-15



When a new tire size is designated as H78-15, what do those figures mean? The H is the load capacity designation which replaces the old tire width numbers (8.55 in this case). The further into the alphabet you go (B after A for example) the higher the load capacity. The following table shows the letters which replace number designations:

Letter	Replaces Number
A	6.00
B	6.45
C	6.95
D (new designation)	—
E	7.35
F	7.75
G	8.25
H	8.55
J	8.85
L	9.15

The 78 is what engineers refer to as Aspect Ratio. The Aspect Ratio is determined by the relationship:

$$\frac{\text{Tire Section Height}}{\text{Tire Section Width}}$$

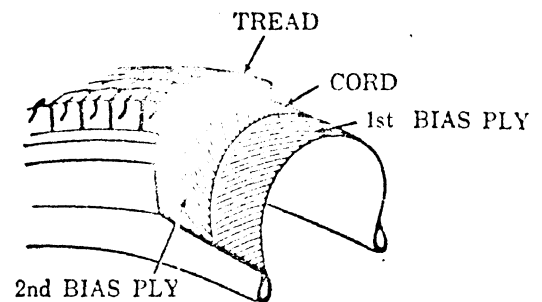
Using that calculation, you can see that the wider the tire section, the smaller the Aspect Ratio. As a general guide, an Aspect Ratio of 78 (as in F78-15) is considered standard, while an Aspect Ratio of 70 indicates a Wide-Oval and an Aspect Ratio of 60 indicates a Super-Wide-Oval tire.

Sometimes you may see an R included with the tire designation, such as HR78-15. The R stands for radial ply, as compared to the conventional bias ply or belted bias ply which have no R marking. You may see the R listed on tires as HR78-15 or with metric designations such as 175R-13. In the latter case, the 175 refers to the Nominal Tire Section Width of 175 millimeters.

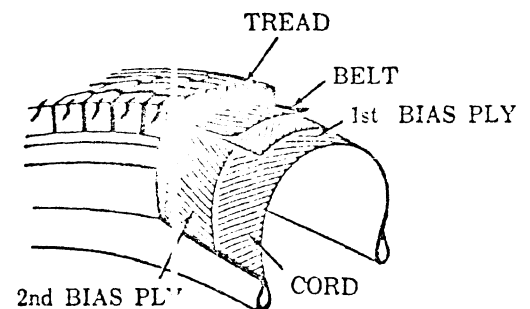
To sum up these "translations," new tire designations would be:

- HR78-15 = H Load-Carrying Capacity
- R for radial ply
- 78 for a "standard" or "conventional" Aspect Ratio
- 15 for fitting a 15-inch rim.
- 175R-13 = 175 millimeter Nominal Tire Section Width
- R for radial ply
- 13 for fitting a 13-inch rim.

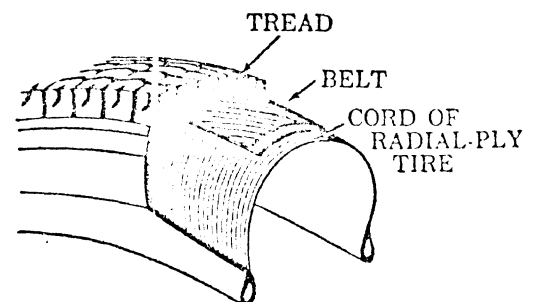
The car manufacturer matches the weight of its different car models, including equipment, to the tire with the appropriate load-carrying capacity.



The bias-ply tire has two or more plies. Each ply consists of cord imbedded in a layer of fabric. The layers constitute the carcass of the tire. The cords in each layer, or ply, in a bias-ply tire run at an angle (bias) to the tread. In a 2-bias-ply tire, shown above, the cords in one ply run at a bias in one direction, and the cords in the other ply run at a bias in the opposite direction.

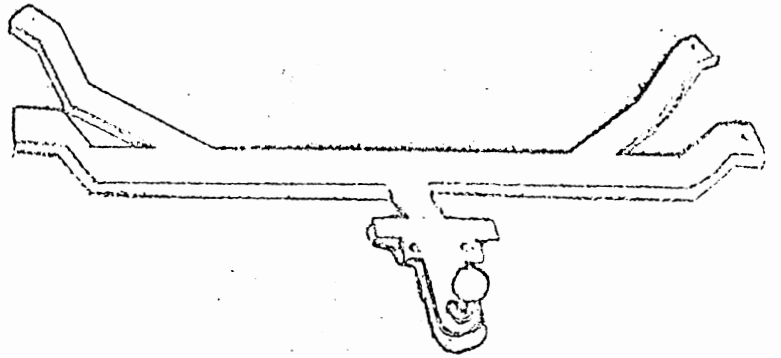
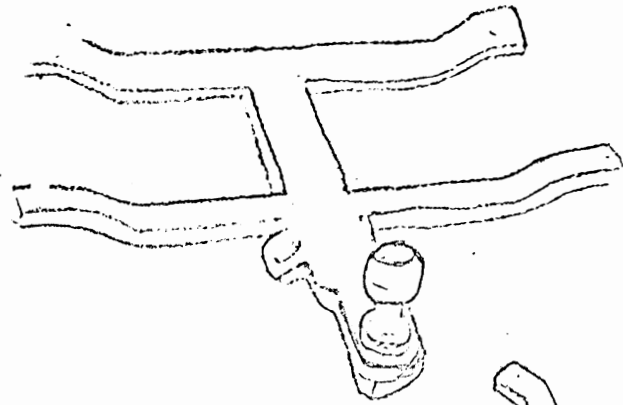


The belted bias-ply tire is a bias-ply tire (as shown in top drawing) with a belt of material added, as used in the radial-ply tire, underneath the thick tire tread.

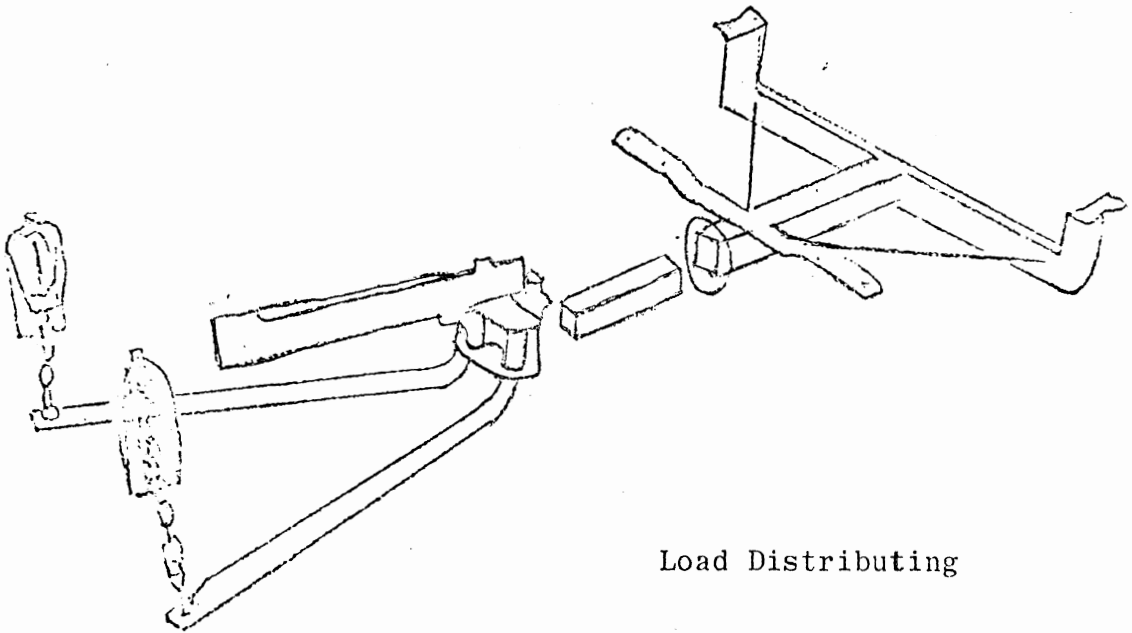


The radial-ply tire has one cord-imbedded-layer, with cords running radial to the tire, from bead to bead of the tire. This construction requires a belt or belts of material running completely around the tire, below the thick tire tread.

TRAILER HITCH INFORMATION

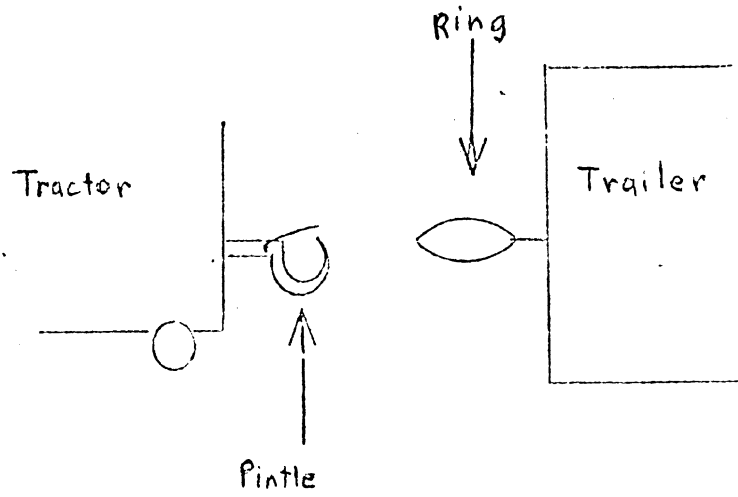


Frame Hitch

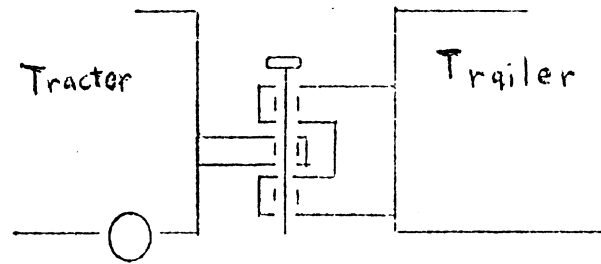


Load Distributing

TRAILER HITCH INFORMATION



Ring and Pintle



Clevis and Pin

VIN - Vehicle Identification Number

Standard form for passenger cars*

Manufacturers	CHARACTER SYMBOLS							PRODUCTION NUMBER					
	1	2	3	4	5	6	7	8	9	10	11	12	13
American Motors	M	1	T	4	5	6	E	9 ^P	9	9	9	9	9
Chrysler Corp.	M	S	5	5	E	1	P	9	9	9	9	9	9
Ford Motor Co.	1	P	4	5	E	9 ^M	9	9	9	9	9	9	9
General Motors*	3	S	5	5	E	1	P	9	9	9	9	9	9

VW=9 digits through 69, 10 digits after 69
 Cadillac 10 digits before 71

<u>Character Symbol</u> **	<u>Contents</u>
1	Model Year
2,P	Assembly Plant
3,M	Make
4,S	Series
5	Body Style (see below)
T	Transmission
E	Engine
9	Sequential Production Number
6	Group Type (AMC only)

9^P AMC Production Numbers
 100,001 - 699,999
 Kenosha Plant
 700,000 - 999,999
 Brampton Plant

9^M Ford Production Numbers
 100,001 - 499,999 --Ford

 500,000 - 799,999 --Mercury

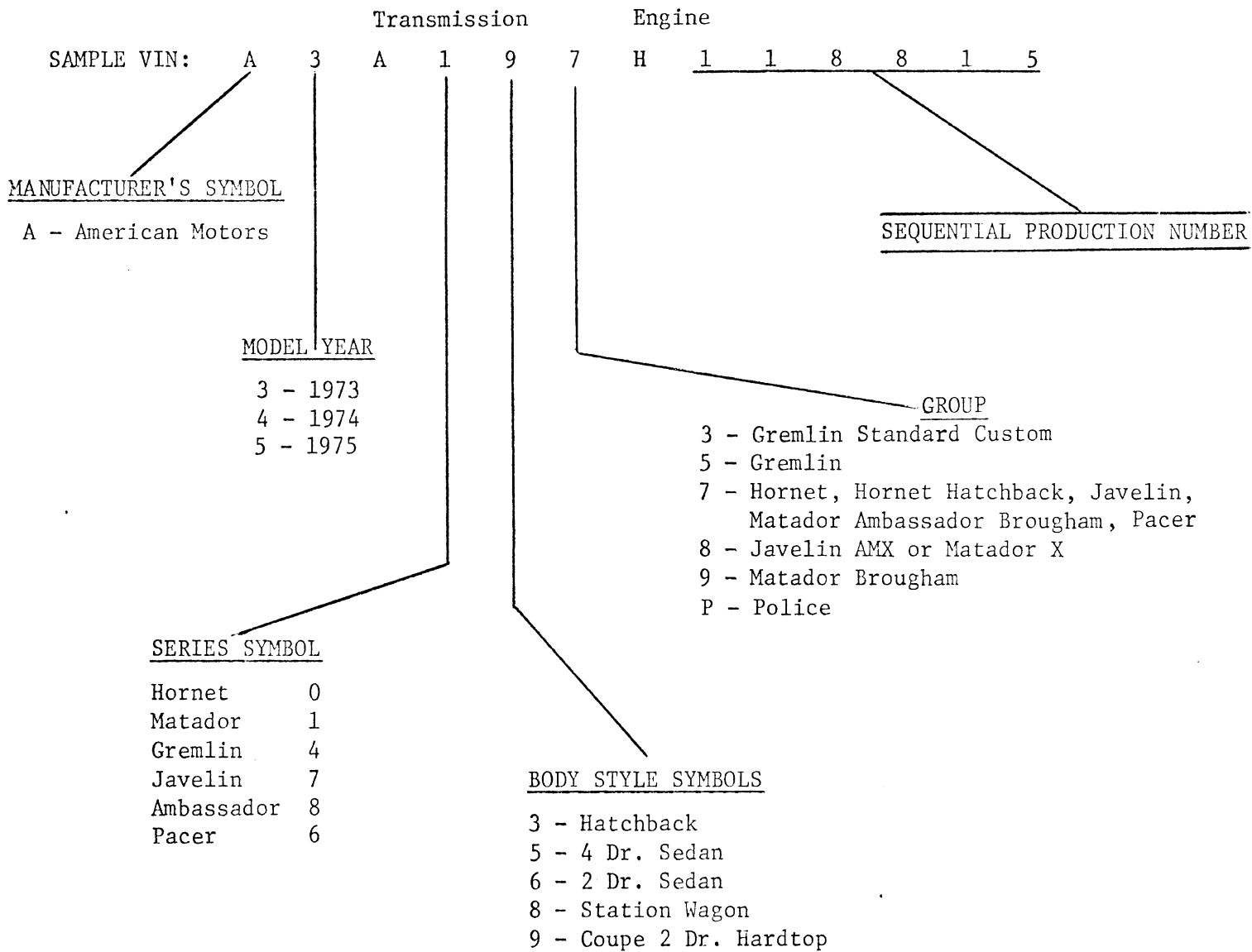
 800,000 - 999,999 --Lincoln

*For light trucks, multipurpose and utility vehicles see the MVMA
 Accident Investigators Manual.

**If character symbol is alphanumeric, content item is a letter or word. If
 character symbol is numeric, content item is a number.

AMERICAN MOTORS VIN *

1973 - 1975



*For VIN information on vehicles made by Jeep Corporation see the MVMA Accident Investigators Manual.

CHRYSLER VIN*

1973 - 1976

SAMPLE VIN: C L 4 1 M 3 C 1 0 0 2 4 3

CAR MAKE SYMBOL

- 6 - Dodge Subcompact
- L - Dodge Compact
- J - Dodge Specialty
- W - Dodge Intermediate
- D - Dodge Full Size
- 5 - Plymouth Subcompact
- V - Plymouth Compact
- B - Plymouth Specialty
- R - Plymouth Intermediate
- P - Plymouth Full Size
- C - Chrysler Full Size
- Y - Chrysler Luxury
- S - Chrysler Specialty
- X - Dodge Specialty

MODEL YEAR

- 3 - 1973
- 4 - 1974
- 5 - 1975
- 6 - 1976

ASSEMBLY PLANT SYMBOL AND SEQUENTIAL PRODUCTION NUMBER

BODY STYLE SYMBOLS

Column 3 Column 4

- 2 2 dr 1 Sedan
- 4 4 dr 3 Hardtop, Hardtop Coupe
- 5 St. Wagon - 2 seat
- 6 St. Wagon - 3 seat
- 7 Convertible
- 9 Special Hardtop
- 2 Pillared Hardtop

*For VIN information on light trucks, multipurpose and utility vehicles, see the MVMA Accident Investigators Manual.

FORD VIN

1973 - 1975

SAMPLE VIN: F 3 U 6 2 S 1 0 0 9 2 3 F

FORD
SCRIPT F

MODEL YEAR

- 3 - 1973
- 4 - 1974
- 5 - 1975

FORD
SCRIPT F

SEQUENTIAL PRODUCTION NUMBER

100 000 thru 499 999

- Ford Thunderbird
- Torino Maverick
- Mustang Pinto

500 000 thru 799 999

- Mercury Cougar
- Montego Comet

800 000 thru 999 999

- Lincoln Continental
- Mark IV

SERIES AND BODY STYLE SYMBOLS

See Below.

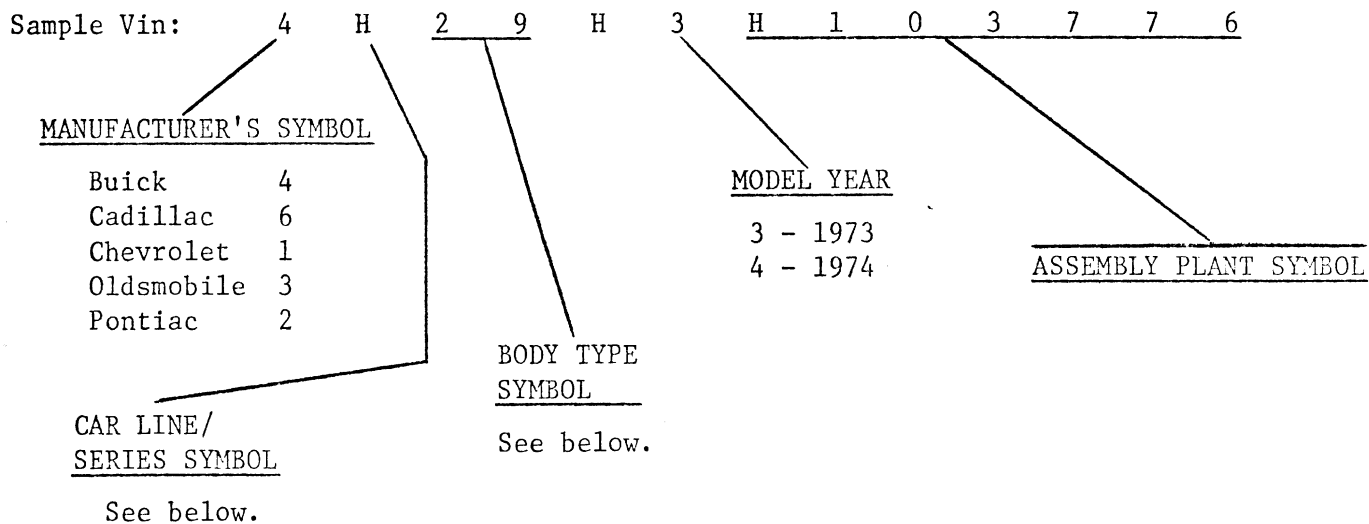
SERIES AND BODY STYLE SYMBOLS*

FORD	YEARS		SERIES AND BODY STYLE SYMBOL	YEARS		LINCOLN/MERCURY
	1973	1974		1974	1973	
Mustang 2 Dr. Hardtop	X		01			
Mustang 2 Dr. Sportsroof	X		02	X	X	Montego 4 Dr. Sedan Hardtop
Mustang 2 Dr. Notchback		X	02			
Mustang Convertible	X		03	X	X	Montego 2 Dr. Hardtop
Mustang 3 Dr. Hatchback		X	03			
Mustang Grande 2 Dr. Hardtop	X		04	X	X	Montego MX 4 Dr. Sedan Hardtop
Mustang Ghia 2 Dr. Notchback		X	04			
Mustang Mach I 2 Dr. Sportsroof		X	05	X	X	Montego MX 2 Dr. Fastback
Mustang Mach I 3 Dr. Hatchback		X	05			
			07	X	X	Montego MX 2 Dr. Hardtop
Pinto 2 Dr. Sedan	X	X	10	X	X	Montego Brougham 4 Dr. Sedan Hardtop
Pinto 3 Dr. Model	X	X	11	X	X	Montego Brougham 2 Dr. Hardtop
Pinto 2 Dr. Wagon	X	X	12			
Pinto Bob Cat 2 Dr. Sedan, Canada only		X	13			
Pinto Bob Cat 3 Dr. Model, Canada only		X	14			
Pinto Bob Cat 2 Dr. Wagon, Canada only		X	15			
			16		X	Montego GT 2 Dr. Fastback
			18	X	X	Montego MX 4 Dr. SW
Gran Torino XL 2 Dr. Hardtop		X	21			
Torino 2 Dr. Hardtop	X	X	25			
Torino 4 Dr. Sedan Hardtop	X	X	27			
Gran Torino 2 Dr. Hardtop	X	X	30	X	X	Comet 4 Dr. Sedan
Gran Torino 4 Dr. Sedan Hardtop	X	X	31	X	X	Comet 2 Dr. Sedan
Gran Torino Brougham 2 Dr. Hardtop		X	32			
Gran Torino Brougham 4 Dr. Sedan Hardtop		X	33			
Gran Torino Sport 2 Dr. Fastback	X		35			
Gran Torino Sport 2 Dr. Hardtop	X	X	38			
Torino Station Wagon	X	X	40	X	X	Marquis 4 Dr. Pillar Hardtop, Canada only
			41	X	X	Marquis 4 Dr. Hardtop, Canada only

*The above symbols, in the years applicable, describe series and body style of Ford and Lincoln/Mercury cars.

SERIES AND BODY STYLE SYMBOLS, CONT'D.

Ford	1973	1974	SYMBOL	1974	1973	Lincoln/Mercury
Gran Torino Station Wagon	X	X	42	X	X	Marquis 4 Dr. Pillar Hardtop
Gran Torino Squire	X	X	43			
			44	X	X	Monterey 4 Dr. Pillar Hardtop
			46	X	X	Monterey 2 Dr. Hardtop
Ranchero 500	X	X	47			
Ranchero GT	X	X	48		X	Monterey 2 Dr. Hardtop
Ranchero Squire	X	X	49	X	X	Rideau 500 4 Dr. Pillar Hardtop, Canada only
			50	X	X	Montcalm 3 Dr. Pillar Hardtop, Canada only
			51		X	Rideau 500 4 Dr. Pillar Hardtop, Canada only
			51	X		Rideau 500 2 Dr. Hardtop, Canada only
Custom 500 2 Dr. Hardtop, Canada only	X	X	52	X	X	Montcalm 2 Dr. Hardtop, Canada only
Custom 500 4 Dr. Pillar Hardtop, Canada only	X	X	53	X	X	Montcalm 4 Dr. Hardtop, Canada only
Galaxie 500 4 Dr. Pillar Hardtop	X	X	54	X	X	Monterey Custom 4 Dr. Pillar Hardtop, Canada only
Galaxie 500 4 Dr. Pillar Hardtop	X	X	56	X	X	Monterey Custom 2 Dr. Hardtop, Canada only
Galaxie 500 2 Dr. Hardtop	X	X	58		X	Monterey Custom 4 Dr. Hardtop, Canada only
LTD 2 Dr. Hardtop	X	X	62	X	X	Brougham 3 Dr. Pillar Hardtop
LTD 4 Dr. Pillar Hardtop	X	X	63	X	X	Marquis 4 Dr. Pillar Hardtop
LTD 4 Dr. Hardtop	X	X	64	X	X	Brougham 2 Dr. Hardtop
LTD Brougham 4 Dr. Pillar Hardtop	X	X	66	X	X	Marquis 2 Dr. Hardtop
LTD Brougham 4 Dr. Hardtop	X	X	67	X	X	Brougham 4 Dr. Hardtop
LTD Brougham 2 Dr. Hardtop	X	X	68	X	X	Marquis 4 Dr. Hardtop
			70	X	X	Rideau 500 4 Dr.
			71	X	X	Montcalm 4 Dr.
Custom 500 Ranch Wagon	X	X	72	X	X	Monterey 4 Dr.
Entry Sedan	X	X	74	X	X	Marquis 4 Dr.
Entry Squire	X	X	76	X	X	Marquis Colony Park 4 Dr.
			81	X	X	Lincoln Continental 2 Dr. Hardtop
			82	X	X	Lincoln Continental 4 Dr. Sedan/Hardtop
Thunderbird 2 Dr. Hardtop	X	X	87			
			89	X	X	Mark IV 2 Dr. Hardtop
Maverick 2 Dr. Sedan	X	X	91		X	Cougar Standard 2 Dr. Hardtop
Maverick 4 Dr. Sedan	X	X	92		X	Cougar Standard Convertible
Maverick 2 Dr. Grabber	X	X	93	X	X	Cougar XR-7 2 Dr. Hardtop
			94		X	Cougar XR-7 Convertible

GENERAL MOTORS VIN1973 - 1974CAR LINE/SERIES SYMBOLBUICK

Car Line/Series	Symbols		Car Line/Series	Symbols	
	1973	1974		1973	1974
Century	D		Le Sabre	L	L
Century 350		D	Le Sabre Custom	N	N
Century Custom	H		Estate Wagon	R	
Century Luxus		H	Centurion	P	
Regal	J	J	Electra 225	T	T
Sportwagon	F		Electra 225 Custom	V	V
Century 350 Wagon		F	Electra 225		X
Sportwagon Custom	K		Riviera	Y	Y
Century Luxus Wagon		K	Apollo		B
Le Sabre Luxus		P			

CADILLAC

Car Line/Series	Symbols		Car Line/Series	Symbols	
	1973	1974		1973	1974
Calais	C	C	Fleetwood Seventy-Five	F	F
De Ville	D	D	Fleetwood Eldorado	L	L
Fleetwood Brougham	B	B	Commercial Series	Z	Z

CHEVROLET

Car Line/Series	Symbols		Car Line/Series	Symbols	
	1973	1974		1973	1974
Vega	V	V	Chevelle Laguna	E	E
Nova	X	X	Chevelle Laguna Estate	H	-
Nove Custom	Y	Y	Station Wagon		
Camaro	Q	Q	Monte Carlo	H	H
Camaro Type LT	S	S	Chevrolet Bel Air	K	K
Chevelle Deluxe	C	C	Chevrolet Impala	L	L
(including El Camino)			Chevrolet Caprice Classic	N	N
Chevelle Malibu		C	(including Caprice Estate		
Chevelle Malibu (including D	D	D	Station Wagon)		
El Camino Custom)			Corvette	Z	Z
Chevelle Malibu Estate	G	G			
Station Wagon					

OLDSMOBILE

Car Line/Series	Symbols		Car Line/Series	Symbols	
	1973	1974		1973	1974
Omega	B	B	Ninety-Eight	T	T
Cutlass	F,G	F,G	Ninety-Eight Luxury	V	V
Cutlass Supreme	J	J,H	Ninety-Eight	X	X
Vista Cruiser	J	J	Toronado	Y	Y
Delta 88	L	L	Special Sill	W	
Delta 88 Royale	N	N	Cowl Chassis	U	
Custom Cruiser	Q,R	Q,R	Toronado CKD Chassis		

PONTIAC

Car Line/Series	Symbols		Car Line/Series	Symbols	
	1973	1974		1973	1974
Ventura	Y	Y	LeMans Sport	F	F
Ventura Custom	Z	Z	LeMans Luxury	G	G
Firebird	S	S	Grand Am	H	H
Firebird Esprit	T	T	Grand Prix	K	K
Firebird Formula	U	U	Catalina	L	L
Firebird Trans Am	V	V	Bonneville	N	N
LeMans	D	D	Grand Ville	P	P

BODY TYPE SYMBOL

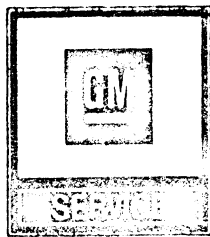
05 - Panel Del. 2 Dr., Chevy Vega
 11 - 2 Dr. Sedan
 15 - 2 Dr. Station Wagon
 17 - Coupe or Sedan, Hatchback
 23 - 4 Dr. Sedan
 27 - 2 Dr. Coupe or Sedan
 29 - 4 Dr. Sedan
 33 - Limousine
 35 - 4 Dr. Station Wagon
 37*- 2 Dr. Coupe or Sedan
 39*- 4 Dr. Hardtop
 40 - SWB Cowl
 45 - 4 Dr. Station Wagon
 47*- 2 Dr. Hardtop
 49*- 4 Dr. Sedan or Sedan Hardtop (code as Sedan)
 57*- 2 Dr. Coupe
 67 - 2 Dr. Convertible
 69 - 4 Dr. Sedan
 77 - Coupe, Hatchback
 80 - Pickup Car
 87*- 2 Dr. Hardtop
 90 - LWB Cowl

In some cases the above body type symbols do not accurately identify the body type. For example, it is possible for a vehicle classified as a 37 - 2 Dr. Coupe or Sedan, to actually be a Hardtop because it does not have upper B pillars. In this case the vehicle should be coded as a Hardtop. The following 1973 vehicles either differ from the above classification or need to have body types identified by looking at the vehicles:

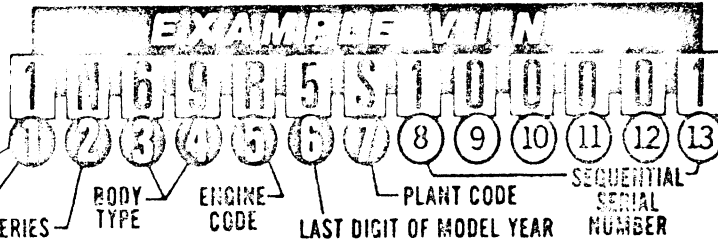
(Footnoted from above)

- *37 Buick Electra 225 Coupe 2 Dr. HT, code 37 - Coupe or Hardtop
- *39 Chevrolet Impala Sport Sedan 4 Dr., code 39 - Sedan or Hardtop
- Chevrolet Caprice Classic Sport Sedan 4 Dr., code 39 - Sedan or Hardtop
- *47 Chevrolet Impala Custom Coupe 2 Dr., code 47 - Coupe or Hardtop
- *49 Cadillac Sedan De Ville, code 49 - Hardtop
- *57 Buick Le Sabre Coupe 2 Dr. Hardtop, code 57 - Coupe or Hardtop
- Buick Le Sabre Coupe Custom 2 Dr. Hardtop, Code 57 - Coupe or Hardtop
- Buick Le Sabre Custom, code 57 - Coupe or Hardtop
- *87 Chevy Camero, code 87 - Coupe
- Chevy Camero type LT, code 87 - Coupe

For 1974 vehicles, whenever possible look at the vehicle to decide whether it is a hardtop or a sedan or coupe.



General Motors 1975 Passenger V.I.N. System



① DIVISION CODE

- 1—Chevrolet
- 2—Pontiac
- 3—Oldsmobile
- 4—Buick
- 5—GMC Truck
- 6—Cadillac
- 7—GM of Canada

② CARLINE/SERIES

CHEVROLET

- C—Malibu, El Camino
- D—Malibu Classic, El Camino Classic
- E—Laguna
- G—Malibu Classic Estate
- H—Monte Carlo 'S'
- J—Biscayne
- K—Bel Air
- L—Impala
- N—Caprice Classic, Caprice Estate
- Q—Camaro
- R—Monza 2 · 2
- S—Camaro Type LT
- V—Vega
- X—Nova
- Y—Nova Custom
- Z—Corvette Sting Ray

PONTIAC

- B—Ventura 'SJ'
- C—Astre · Std.
- D—Le Mans, Le Mans Safari
- F—Le Mans Sport
- G—Grand Le Mans
- H—Grand AM
- K—Grand Prix Laurentian
- L—Catalina, Parisienne
- P—Bonneville Grand Safari
- R—Grand Ville Brougham
- S—Firebird
- T—Firebird Esprit
- U—Firebird Formula
- V—Astre Custom
- W—Firebird Trans Am
- X—Astre 'SJ'
- Y—Ventura
- Z—Ventura Custom

② OLDSMOBILE

- B—Omega
- C—Omega Salon
- D—Starfire
- F—Cutlass Coupe
- G—Cutlass "S"
- H—Cutlass Supreme Wagon
- J—Cutlass Supreme Vista Cruiser
- K—Cutlass Salon
- L—Delta 88
- M—Delta 88 Royale
- Q—Custom Cruiser
- R—Custom Cruiser
- V—98 Luxury
- X—98 Regency
- Y—Toronado Custom
- Z—Toronado Br.

GMC TRUCK & COACH

- C—Sprint
- D—Sprint Classic

② BUICK

- B—Apollo
- C—Apollo S.R.
- D—Century
- F—Century Wagon
- H—Century Custom
- J—Regal
- K—Century Custom Wagon
- M—Le Sabre
- P—Le Sabre Custom
- R—Estate Wagon
- S—Skyhawk
- V—Electra 225 Custom
- X—Electra Limited
- Z—Riviera

CADILLAC

- B—Fleetwood Brougham
- C—Calais
- D—DeVille
- F—Fleetwood 75
- L—Eldorado
- Z—Commercial Chassis

③ ④ BODY TYPE

- 05 Panel 2 Door
- 07 Coupe 2 Door Special Hatchback
- 11 Coupe 2 Door Notchback
- 15 Sta. Wagon 2 Door 2 Seat
- 17 Coupe 2 Door Hatchback
- 23 Sedan 4 Door Aux. Seat
- 27 Coupe 2 Door Pillar
- 29 Sedan 4 Door Hardtop Pillar
- 33 Sed. 4 Dr. Aux. Seat Ctr. Pt.
- 35 Sta. Wagon 4 Door 2 Seat
- 37 Coupe 2 Door Hardtop Pillar
- 39 Sedan 4 Door Hardtop
- 40 Short Sill Cowl
- 45 Sta. Wagon 4 Door 3 Seat
- 47 Coupe 2 Door Hardtop
- 49 Sedan 4 Dr. Hardtop
- 50 Short Sill Cowl
- 51-C K D Chassis
- 57 Coupe 2 Door Hardtop
- 60 Short Sill Cowl
- 67 Coupe 2 Door Convertible
- 69 Sedan 4 Door Pillar
- 77 Coupe 2 Door Hatchback
- 80 Sedan Pick Up 2 Door 2 Way
- 87 Coupe 2 Door Hardtop TailGate
- 90 Short Sill Cowl

⑤ ENGINE CODE

	DISP	MHP	CRB	EX	DIVISION
A	140		1 B	S	1,2
B	140		2 B	S	1,2
C	231	110	2 B	S	3,4
	250		1 B	S	1
D	250	110	1 B	S	1,2,3,4,5
	122		EFI	S	1
E	350		4 B	S	2
	260	110	2 B	S	2,3,4
F	262		2 B	S	1
	350		4 B	D	2
H	350	145	2 B	S	2,4
	350		2 B	S	1,5
J	350	165	4 B	S	2,3,4
	350		4 B	D	1
K	350		4 B	S	3
L	350		4 B	S	1,2,5,7
M	350		2 B	S	2
R	400		2 B	S	2,7
S	400		4 B	S	2,3,4,7
	500		4 B	S	6
	350		4 B	D	1
T	400		4 B	D	2,7
	455	205	4 B	S	3,4
	400		4 B	S	1,2,5,7
W	455		4 B	D	3
	455		4 B	S	2,7
X	206		4 B	S	1
Y	454		4 B	D	1,5
	455		4 B	D	2,7
Z	350		2 B	S	2,7

⑦ PLANT CODE

A—Lakewood	GA	Q—Detroit	MI
B—Baltimore	MD	R—Arlington	TX
C—Southgate	CA	S—St. Louis	MO
D—Doraville	GA	T—Tarrytown	NY
E—Linden	MI	U—Lordstown	OH
F—Flint (Chev)	MI	V—Pontiac (GMC)	MI
G—Framingham	MA	W—Willow Run	MI
H—Flint (Buick)	MI	X—Fairfax	KS
J—Jonesville	WI	Y—Wilmington	DE
K—Leeds	MO	Z—Fremont	CA
L—Van Nuys	CA	1—Oshawa	Ont
M—Lansing	MI	2—Ste. Therese	PQ
N—Norwood	OH	3—Detroit	MI
P—Pontiac	MI	4—Scarborough	Ont
		5—Memphis	TN
		6—Oklahoma	OK

SAFETY GLAZING MATERIALSGremlin (All Models)

<u>Glazing</u>	<u>Mfrs. Name</u>	<u>DOT #</u>	<u>"M" #</u>	<u>AS #</u>	<u>Code</u>
Windshield	Crinimex	DOT 46	M-21	AS-1	VA
"	Duplate	DOT 19	M-45	"	SA
"	"	"	M-46	"	SB
"	Guardian	DOT 22	M-53	"	RS
"	"	"	M-54	"	RT
"	"	"	M-55	"	RU
"	LOF	DOT 15	M-31	"	DA (DE)
"	PPG	DOT 18	M-52	"	CA (CE)
"	"	"	M-53	"	CD

Hornet (All Models)

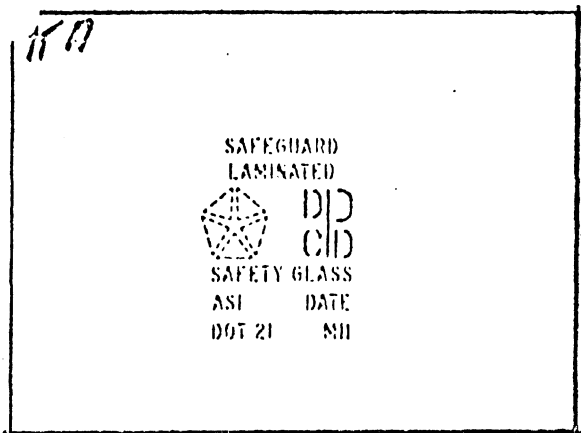
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Windshield	Crinimex	DOT 46	M-21	AS-1	VA
"	Duplate	DOT 19	M-45	"	SA
"	"	"	M-46	"	SB
"	Guardian	DOT 22	M-53	"	RS
"	"	"	M-54	"	RT
"	"	"	M-55	"	RU
"	LOF	DOT 15	M-31	"	DA (DE)
"	PPG	DOT 18	M-52	"	CA (CE)
"	"	"	M-53	"	CD

Javelin (All Models)

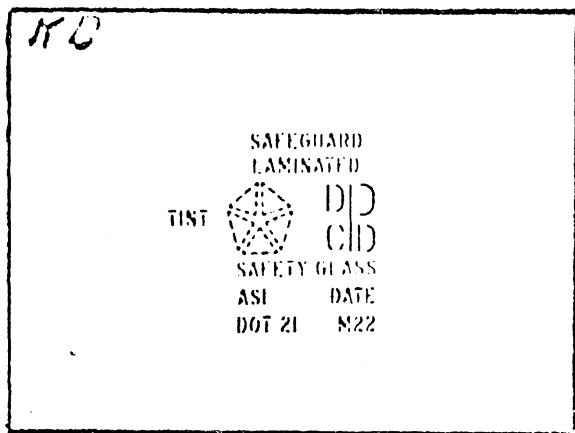
<u>Glazing</u>	<u>Mfrs. Name</u>	<u>DOT #</u>	<u>"M" #</u>	<u>AS #</u>	<u>Code</u>
Windshield	Duplate	DOT 19	M-45	AS-1	SA
"	"	"	M-46	"	SB
"	Guardian	DOT 22	M-53	"	RS
"	"	"	M-54	"	RT
"	"	"	M-55	"	RU
"	LOF	DOT 15	M-31	"	DA (DE)
"	PPG	DOT 18	M-52	"	CA (CE)
"	"	"	M-53	"	CD

Chrysler

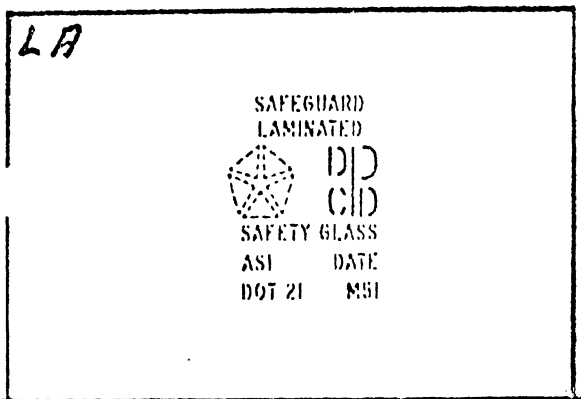
WINDSHIELD MONOGRAMS



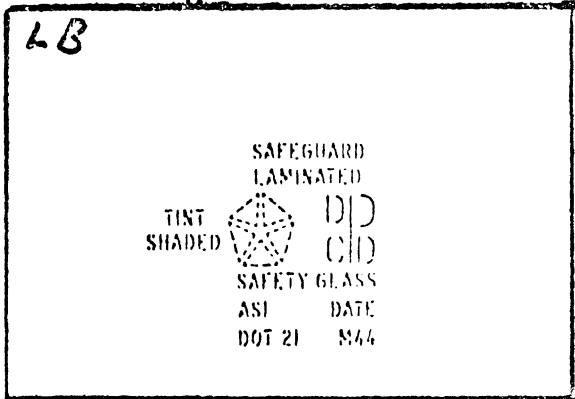
SAFEGUARD LAMINATED SAFETY GLASS -
DCPD, AS-1
laminated safety glass, AS-1,
with 30 mil interlayer



TINT SAFEGUARD LAMINATED SAFETY GLASS
DCPD, AS-1
laminated, heat absorbing,
safety glass, AS-1, with
30 mil interlayer

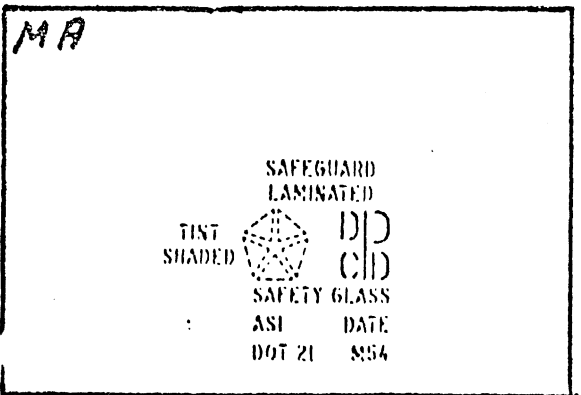


SAFEGUARD LAMINATED SAFETY GLASS -
DCPD, AS-1
laminated safety float glass, AS-1
with 30 mil interlayer

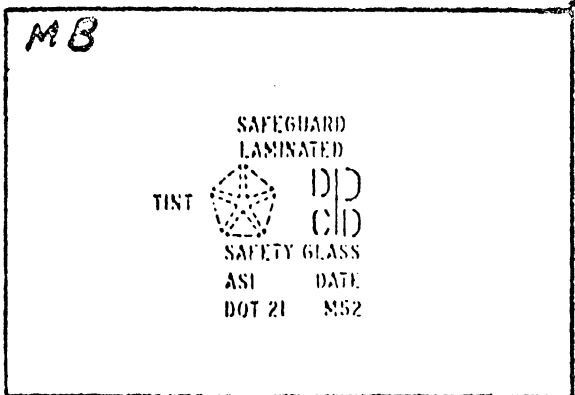


TINT SHADED SAFEGUARD LAMINATED
SAFETY GLASS - DCPD, AS-1
laminated, heat absorbing
safety glass, AS-1, with
30 mil interlayer colored band

UNKNOWN CHRYSLER
YL



TINT SHADED SAFEGUARD LAMINATED
SAFETY GLASS - DCPD, AS-1
laminated, heat absorbing, safety float glass, AS-1,
with 30 mil interlayer with colored band




TINT SAFEGUARD LAMINATED SAFETY GLASS -
DCDD, AS-1
laminated, heat absorbing, safety float glass,
AS-1, with 30 mil interlayer

1971 SAFETY GLAZING MONOGRAMS FOR WINDSHIELDS

Ford WITH _____ ANTENNA

JA

SUPER 30
LAMINATED
SAFETY GLASS




9D) ASI
FM-M50

FLOAT-CLEAR
HIDDEN ANTENNA

JB

SUPER 30
LAMINATED
SAFETY GLASS




SUN VISOR
9D) SUN-X ASI
FM-M59

FLOAT-TINT
GRADIENT BAND
HIDDEN ANTENNA


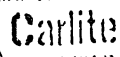

6D

SOLID
SAFETY GLASS



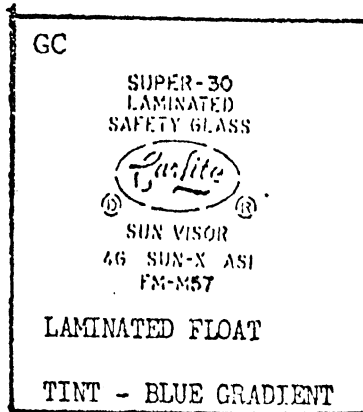
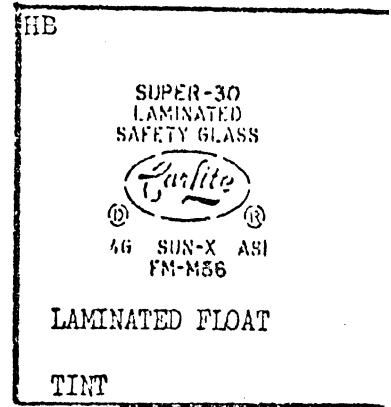
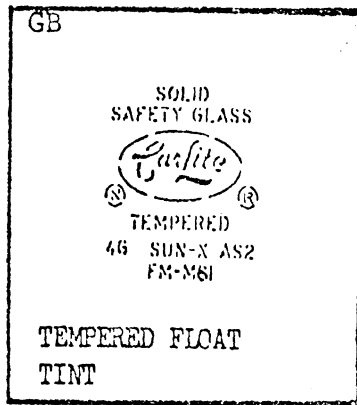
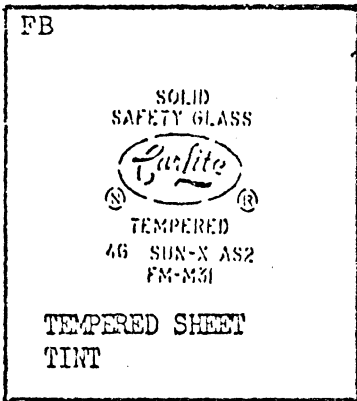
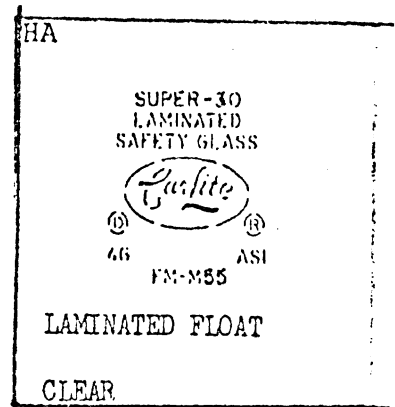
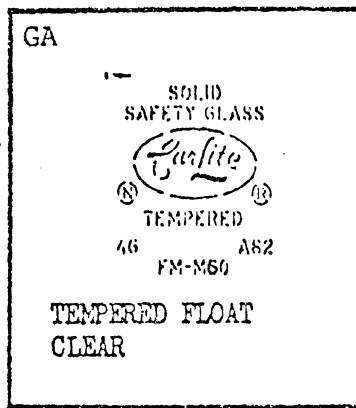
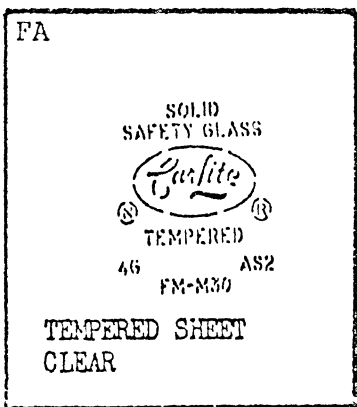
2H) SUN-X AS2
DOT-75 FM-M80

TEMPERED FLOAT
TINT - HEATED

<p>6E</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p>  <p>2H) ASI DOT-75 FM-M90</p> <p>LAMINATED FLOAT CLEAR (7/32")</p>	<p>6F</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p>  <p>SUN VISOR 2H) SUN-X ASI DOT-75 FM-M91</p> <p>LAMINATED FLOAT TINT - GRADIENT (7/32")</p>	<p>6G</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p>  <p>2K) SUN-X ASI DOT-75 FM-M92</p> <p>LAMINATED FLOAT TINT (7/32")</p>
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1971 SAFETY GLAZING MONOGRAMS FOR WINDSHIELDS

Ford WITHOUT ANTENNA



Unknown
carlite
YK

1974 - 1975

SAFETY GLASS IDENTIFICATION MARKINGS

FORD MOTOR COMPANY

<p>GH</p> <p>SOLID SAFETY GLASS Carlite Ⓢ TEMPERED Ⓢ 2H AS2 DOT-75 FM-M60</p> <p>TEMPERED FLOAT CLEAR (5/32" & 7/32")</p>	<p>GI</p> <p>SOLID SAFETY GLASS Carlite Ⓢ TEMPERED Ⓢ 2H AS2 DOT-75 FM-M62</p> <p>TEMPERED FLOAT CLEAR (3/16")</p>	<p>GJ</p> <p>DOT-75 FM-M95 AS2</p> <p>3C</p> <p>LAMINATED FLOAT TINT - 0.060" PVB OPERA</p>
<p>KD</p> <p>SOLID SAFETY GLASS Carlite Ⓢ TEMPERED Ⓢ 2H SUN-X AS2 DOT-75 FM-M61</p> <p>TEMPERED FLOAT TINT (5/32" & 7/32")</p>	<p>KE</p> <p>SOLID SAFETY GLASS Carlite Ⓢ TEMPERED Ⓢ 2H SUN-X AS2 DOT-75 FM-M63</p> <p>TEMPERED FLOAT TINT (3/16")</p>	<p>KF</p> <p>LAMINATED SAFETY GLASS Carlite Ⓢ Ⓢ 2H AS3 DOT-75 FM-M73</p> <p>LAMINATED FLOAT LOW LIGHT TRANSMITTANCE (7/32")</p>
<p>GE</p> <p>SUPER-30 LAMINATED SAFETY GLASS Carlite Ⓢ Ⓢ 2H ASI DOT-75 FM-M90</p> <p>LAMINATED FLOAT CLEAR (7/32")</p>	<p>GF</p> <p>SUPER-30 LAMINATED SAFETY GLASS Carlite Ⓢ SUN VISOR Ⓢ 2H SUN-X ASI DOT-75 FM-M91</p> <p>LAMINATED FLOAT TINT - GRADIENT (7/32")</p>	<p>GG</p> <p>SUPER-30 LAMINATED SAFETY GLASS Carlite Ⓢ Ⓢ 2H SUN-X ASI DOT-75 FM-M92</p> <p>LAMINATED FLOAT TINT (7/32")</p>
<p>KG</p> <p>SUPER-30 LAMINATED SAFETY GLASS Carlite Ⓢ Ⓢ 2H ASI DOT-75 FM-M55</p> <p>LAMINATED FLOAT CLEAR (1/4")</p>	<p>KH</p> <p>SUPER-30 LAMINATED SAFETY GLASS Carlite Ⓢ Ⓢ 2H SUN-X ASI DOT-75 FM-M56</p> <p>LAMINATED FLOAT TINT (1/4")</p>	<p>KJ</p> <p>SUPER-30 LAMINATED SAFETY GLASS Carlite Ⓢ SUN VISOR Ⓢ 2H SUN-X ASI DOT-75 FM-M57</p> <p>LAMINATED FLOAT TINT - GRADIENT (1/4")</p>

1974 - 1975

SAFETY GLASS IDENTIFICATION MARKINGS

FORD MOTOR COMPANY

<p>GD</p> <p>SOLID SAFETY GLASS</p> <p>Carlite</p> <p>Ⓢ TEMPERED Ⓢ</p> <p>2H SUN-X ASI</p> <p>DOT-75 FM-MB0</p> <p>TEMPERED FLOAT TINT - HEATED</p>	<p>KL</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p> <p>Carlite</p> <p>Ⓢ HEATED Ⓢ</p> <p>2L ASI</p> <p>DOT-75 FM-MB1</p> <p>LAMINATED FLOAT HEATED</p>	<p>KM</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p> <p>Carlite</p> <p>Ⓢ HEATED Ⓢ</p> <p>2L SUN VISOR ASI</p> <p>DOT-75 FM-MB2</p> <p>LAMINATED FLOAT HEATED - GRADIENT</p>
<p>KN</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p> <p>Carlite</p> <p>Ⓢ ASI</p> <p>2H</p> <p>DOT-75 FM-M58</p> <p>LAMINATED FLOAT CLEAR - HIDDEN ANTENNA</p>	<p>KP</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p> <p>Carlite</p> <p>Ⓢ SUN VISOR Ⓢ</p> <p>2H SUN-X ASI</p> <p>DOT-75 FM-M59</p> <p>LAMINATED FLOAT TINT - GRADIENT HIDDEN ANTENNA</p>	<p>KR</p> <p>SUPER-30 LAMINATED SAFETY GLASS</p> <p>Carlite</p> <p>Ⓢ ASI</p> <p>2H SUN-X</p> <p>DOT-75 FM-M55</p> <p>LAMINATED FLOAT TINT - HIDDEN ANTENNA</p>













UNKNOWN
CARLITE
YK

Windshield Code

The two letters in the lower left corner of each glazing monogram are used to code original equipment. Codes for service replacements are in brackets in the lower right corner. Note special codes for antenna.

GM

70 WINDSHIELDS WITHOUT ANTENNA

MONOGRAMS					
SAFETY  PLATE AS-1 LAMINATED DOT 16 M 21 AA (DN)	PPG *	SAFETY  PLATE AK-1 LAMINATED DOT 15 M 3 AB	LOF *		DCL *
SAFETY  FLO-LITE AS-1 LAMINATED DOT 16 M 25 (BE) AE (CE)	CA M52 (CE)	SAFETY  FLO-LITE AK-1 LAMINATED DOT 15 M 23 (BC) AF (DE)	DA M31 (DE)	SAFETY  FLO-LITE AS-1 LAMINATED DOT 19 M 45 EA	
SHADED ** SOFT-RAY SAFETY  FLO-LITE AS-1 LAMINATED DOT 18 M 30 (BH) AL (BH)		SHADED ** SOFT-RAY SAFETY  FLO-LITE AS-1 LAMINATED DOT 15 M 24 (BJ) AM (BJ)	** DB M32 (DF)	SHADED ** SOFT-RAY SAFETY  FLO-LITE AS-1 LAMINATED DOT 19 M 34 (BK) AN (BK)	
SHADED ** SOFT-RAY SAFETY  PLATE AS-1 LAMINATED DOT 16 M 23 (BP) AS (BP)		SHADED ** SOFT-RAY SAFETY  PLATE AS-1 LAMINATED DOT 15 M 4 (BO) AT (BO)			
SOFT-RAY** SHADED NEUTRAL SAFETY  PLATE AS-1 LAMINATED DOT 16 M 23.1 (BT) AW (BT)		SOFT-RAY ** SHADED NEUTRAL SAFETY  PLATE AS-1 LAMINATED DOT 15 M 6 (BU) AX (BU)			

YY-Unknown MFG or Type
 YX-LOF; unknown Type
 YW-PPG; unknown Type
 YV-DCL; unknown Type
 YU-Float Glass; unknown MFG.

YT-Plate Glass; unknown MFG.
 YS-LOF; Float; other info. unknown
 YR-LOF; Plate; other info. unknown
 YP-PPG; Float; other unknown
 YN-PPG; Plate; other unknown
 YM-DCL; Float; other unknown

NOTE













ORIGINAL MARK	REPLACEMENT MARK		
Flo-Lite Soft-Ray	PPG Float Sun-Shade Solex Duplate	LOF Float E-Z-Eye	DCL Float

*Manufacturers model numbers shown below will be used in addition to those shown in monogram

**AISI (location-rt. side adjacent to shading fade out line) indicates level required for driving visibility on shaded windshields only.

GM 70 WINDSHIELDS WITH ANTENNA

(Codes For Service Replacement In Parenthesis - See Replacement Identifying Marks At Bottom Of Page)

MONOGRAMS					
SAFETY  PLATE AN-1 LAMINATED ANTENNA DOT 18 M 21.1 AD	PPG *	SAFETY  PLATE AN-1 LAMINATED ANTENNA DOT 15 M 20 AC	LOF *		DCL *
SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 18 M 25.1 (BF) AJ	CK M52.1 (CP)	SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 15 M 25 (BE) AH	DK M27 (DP)	SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 13 M 45.1 EK	
SHADED ** SOFT-RAY SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 15 M 30.2 (BM) AQ	** CL M53.1 (CR)	SHADED ** SOFT-RAY SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 15 M 26 (BL) AP	** DL M28 (DR)	SHADED ** SOFT-RAY SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 15 M 46.1 EL	
SHADED ** SOFT-RAY SAFETY  PLATE AN-1 LAMINATED ANTENNA DOT 18 M 23.2 (BS) AV		SHADED ** SOFT-RAY SAFETY  PLATE AN-1 LAMINATED ANTENNA DOT 15 M 21 (BR) AU			
		SOFT-RAY ** SHADED NEUTRAL SAFETY  PLATE AN-1 LAMINATED ANTENNA DOT 15 M 22 (BV) AY			
		SOFT-RAY ** SHADED NEUTRAL SAFETY  FLO-LITE AN-1 LAMINATED ANTENNA DOT 15 M 29 (BW) PA	** DM M35 (DS)		

(ALL UNKNOWN CODES SAME AS THOSE ON PREVIOUS PAGE)

ORIGINAL MARK	REPLACEMENT MARK		
Flo-Lite Soft-Ray	PPG Float Sun-Shade Solex Duplate	LOF Float E-Z-Eye	DCL Float

*Manufacturers model numbers shown below will be used in addition to those shown in monogram.

**ANSI (location-rt. side adjacent to shading fade out line) indicates level required for driving visibility on shaded windshields only.

1972 SAFETY GLAZING MONOGRAMS GM

TYPE OF GLAZING	MONOGRAMS				REMARKS
AS-1 LAMINATED SAFETY GLASS Safety Glazing Material For Use Anywhere in Motor Vehicle	SAFETY AR-1 PPG FLO-LITE LAMINATED ANTENNA DOT 18 M 52 (CE)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 15 M 31 (DE)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 19 M 45	SAFETY AR-1 EA LAMINATED ANTENNA DOT 19 M 45	
	SAFETY AR-1 PPG FLO-LITE LAMINATED ANTENNA DOT 18 M 52 (CP)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 15 M 27 (DP)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 19 M 45	SAFETY AR-1 EK LAMINATED ANTENNA DOT 19 M 45	
	SAFETY AR-1 PPG FLO-LITE LAMINATED ANTENNA DOT 18 M 52 (CR)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 15 M 28	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 19 M 45	SAFETY AR-1 EL LAMINATED ANTENNA DOT 19 M 45	NOTE: The following Manufacturer's Model Numbers will also be used with those monograms to the left. D. C. L. M34 (Location-Rt. side adjacent to shading fade out line) indicates A ↓ S1 level required for driving visibility on shaded windshields only.
	SAFETY AR-1 PPG FLO-LITE LAMINATED ANTENNA DOT 18 M 52 (CR)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 15 M 28	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 19 M 45	SAFETY AR-1 EL LAMINATED ANTENNA DOT 19 M 45	(location-Rt. side adjacent to shading fade out line) indicates A ↓ S1 level required for driving visibility on shaded windshields only.
	SAFETY AR-1 PPG FLO-LITE LAMINATED ANTENNA DOT 18 M 52 (CR)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 15 M 28	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 19 M 45	SAFETY AR-1 EL LAMINATED ANTENNA DOT 19 M 45	(location-Rt. side adjacent to shading fade out line) indicates A ↓ S1 level required for driving visibility on shaded windshields only.
	SAFETY AR-1 PPG FLO-LITE LAMINATED ANTENNA DOT 18 M 52 (CR)	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 15 M 28	SAFETY AR-1 FLO-LITE LAMINATED ANTENNA DOT 19 M 45	SAFETY AR-1 EL LAMINATED ANTENNA DOT 19 M 45	(location-Rt. side adjacent to shading fade out line) indicates A ↓ S1 level required for driving visibility on shaded windshields only.

(Codes For Service Replacement In Parenthesis)

YY - Unknown MFG or Type
 YX-LOF; unknown Type
 YW-PPG; unknown Type
 YV-DCL; unknown Type
 YU-Float Glass; unknown MFG.

YT-Plate Glass; unknown MFG.
 YS-LOF; Float; other info. unknown
 YR-LOF; Plate; other info. unknown
 YP-PPG; Float; other unknown
 YN-PPG; Plate; other unknown
 YM-DCL; Float; other unknown

ORIGINAL MARK	REPLACEMENT MARK	
Flo-Lite Soft-Ray	PPG Float Sun-Shade Solex Duplate	LOF Float E-Z-Eye DCL Float

FOR ALL GENERAL MOTORS CORPORATION 1972 VEHICLES

PRODUCED IN THE UNITED STATES

WINDSHIELD CODES: GM

1972 VEHICLE WINDSHIELDS

AS-2 MA
 Securit
 of
 Belgium
 D-106 Solid
 Temp.
 Code: NA

Solex
 Shaded
 PPG
 Safety Plate
 1-2A
 Code: NB

Super 30
 Laminated
 Safety Glass
 Car-Lite
 FM-M59
 Sun-Visor
 OA SUN X ASI
 Code: NC

Triplex
 V
 T
 X
 Super-L
 EUM 11 A51
 Laminated
 Code: ND













(LACKTEX)
 Belgium
 Laminated
 Super
 M3 ASI
 TPGS 76
 DOT 32 Clear
 Code: NE

SICURSN
 I C C
 Hi Laminated
 IGM 4874 VSP
 ASI M1 D-139
 DOT 36
 Code: NF

(LACKTEX)
 °BELGIUM°
 Lam. Super
 Tinted
 GR M5 ASI
 DOT 32
 TPGS 88 D150
 Code: NG

Sun Shade
 SOLEX
 PPG
 Duplate
 Safety Float
 Antenna
 ASI 189 DOT18
 M30.2
 Code: BM

GENERAL MOTORS CORPORATION

MONOGRAMS		
SAFETY  FLO-LITE AR-1 LAMINATED DOT 18 M 52 (CE) CA	SAFETY  FLO-LITE AR-1 LAMINATED DOT 15 M 31 (DE) DA	SAFETY  FLO-LITE AR-1 LAMINATED DOT 19 M 43 EA
SHADED SOFT-RAY SAFETY  FLO-LITE AR-1 LAMINATED DOT 18 M 53 (CF) CB	SHADED SOFT-RAY SAFETY  FLO-LITE AR-1 LAMINATED DOT 15 M 32 (DF) DB	SHADED SOFT-RAY SAFETY  FLO-LITE AR-1 LAMINATED DOT 19 M 46 EB
SAFETY  FLO-LITE AR-1 LAMINATED ANTENNA DOT 18 M 52.1 (CP) CK	SAFETY  FLO-LITE AR-1 LAMINATED ANTENNA DOT 15 M 27 (DP) DK	SAFETY  FLO-LITE AR-1 LAMINATED ANTENNA DOT 19 M 45.1 EK
SHADED SOFT-RAY SAFETY  FLO-LITE AR-1 LAMINATED ANTENNA DOT 18 M 53.1 CL (CR)	SHADED SOFT-RAY SAFETY  FLO-LITE AR-1 LAMINATED ANTENNA DOT 15 M 28.1 DL (DR)	SHADED SOFT-RAY SAFETY  FLO-LITE AR-1 LAMINATED ANTENNA DOT 19 M 46.1 EL

ORIGINAL MARK	REPLACEMENT MARK		
Flo-Lite Soft-Ray	<u>PPG</u> Float Sun-Shade Solex Duplate	<u>LOF</u> Float E-Z-Eye	<u>DCL</u> Float

(Codes For Service Replacement in Parenthesis)

- | | |
|------------------------------|------------------------------------|
| YY - Unknown MFG or Type | YT-Plate Glass; Unknown MFG. |
| YX-LOF; Unknown Type | YS-LOF; Float; Other Info. Unknown |
| YW-PPG; Unknown Type | YR-LOF; Plate; Other Info. Unknown |
| YV-DCL; Unknown Type | YP-PPG; Float; Other Unknown |
| YU-Float Glass; Unknown MFG. | YN-PPG; Plate; Other Unknown |
| | YM-DCL; Float; Other Unknown |

GENERAL MOTORS CORPORATION
CHEVROLET TRUCK DIV.
WINDSHIELD CODES

1. No Shaded Glass Used.
2. No Windshield Antennas.

Four decals shown below DO NOT appear in the passenger car monograms.

Soft Ray L.O.F. Flo=Lite M-30	TA
-------------------------------------	----

Soft Ray L.O.F. Safety Plate M-10	TB
--	----

Soft Ray P.P.G. Flo-Lite M-32	TC
-------------------------------------	----

Soft Ray P.P.G. Safety Plate M--22	TD
---	----

1971 SAFETY GLAZING MONOGRAMS AND PG-2070
FORM CODES

Other WINDSHIELDS WITHOUT ANTENNA

CORNING CHEMCOR
WINDSHIELD
CLEAR

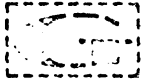
CORNING
CHEMICALLY
TEMPERED
LAMINATED
SAFETY GLASS
AS-1, CGW, M15
DOT-26, D.O.

PA

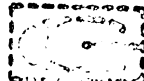
CORNING CHEMCOR
WINDSHIELD
TINTED

CORNING
CHEMICALLY
TEMPERED
LAMINATED
SAFETY GLASS
AS-1, CGW, M-16
DOT-26, D.O.

QA


GUARDIAN
SAFETY FLOAT
SHADED
LAMINATED
AS-1-70 GG-M85
DOT 22

RK


(AS-1-70) AS-1-70 GG-M85
DOT 22

66-M78
DOT-22

RA

Identifying Marks


SAFETY [DCL] FLO-LITE
AS-1 AD-69
LAMINATED
DOT-19 M-33

RE

SHADED
SOFT-RAY
SAFETY [DCL] FLO-LITE
AS-1 AD-69
LAMINATED
DOT-19 M-34

RF


SUPER-30
LAMINATED
SAFETY GLASS



(D) AS2
GG-M78

RB

SAFEGUARD
LAMINATED

 G


SAFETY GLASS
AS-1 1-70
DOT-22 GG-M78

RC

SAFETY FLOAT
AS-1 Guardian J-70
LAMINATED
DOT 22 GG-M78

RD

SAFEGUARD
LAMINATED

TINT
SHADED  G

SAFETY GLASS
AS-1 1-70
DOT-22 GG-M85

RG

SHADED
SOFT RAY
SAFETY FLOAT
AS-1 Guardian J-70
DOT 22 GG-M85

RH