

AMA Specifications—Passenger Car

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MANUFACTURER FORD MOTOR COMPANY		CAR NAME MUSTANG BOSS	
MAILING ADDRESS		MODEL YEAR 1969-1/2	ISSUED: REVISION (e)

NOTES:

1. The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

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<u>BODY - TYPES AND STYLE NAMES -</u>	<u>MODEL NUMBERS</u>
<small>Body type, style names; use manufacturer's code for series & body style.</small>	
Mustang Boss	
2 Door Fastback	63

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MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED _____

CAR AND BODY DIMENSIONS

See Pages 25, 26 for SAE Dimension Definitions

(All dimensions in inches unless otherwise indicated)

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

MODEL	SAE Ref. No.	
	63	

WIDTH

Track - Front	W101	59.5
Track - Rear	W102	59.5
Maximum overall car width	W103	71.8
Body width at No. 2 pillar	W117	69.7

LENGTH

Body "O" to front of dash	L 30	1.3
Wheel/base	L101	108.0
Overall car length	L103	187.4
Overhang - front	L104	38.9
Overhang - rear	L105	40.5
Body upper structure length	L123	93.2
Body "O" line to C of rear wheel	L127	88.5
Body "O" line to w/s cowl point	L130	10.4

HEIGHT

Passenger Distribution (front & rear)		2-1	
Trunk/Cargo load (lbs.)		-	
Overall height	H101	50.4	
Cowl height	H114	36.0	
Deck height	H138	38.2	
Rocker panel - front	To ground	H112	8.4
	From front wheel C		
Rocker panel - rear	To ground	H111	7.4
	From rear wheel C		
Windshield slope angle	H122	54.7°	

GROUND CLEARANCE

Bumper to ground - front	H102	17.8
Bumper to ground - rear	H104	14.7
Angle of approach	H106	23.9°
Angle of departure	H107	16.4°
Ramp breakover angle	H147	11.9°
Min. running clearance (Specify)	H156	4.7

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CAR AND BODY DIMENSIONS

See Pages 25, 26 for SAE Dimension Definitions
(All dimensions in inches unless otherwise indicated)

MODEL	SAE Ref. No.	63
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FRONT COMPARTMENT

Effective head room	H61	37.1
Max. eff. leg room — accelerator	L34	
H Point to Heel point	H30	7.0
H Point travel	L17	4.9
Shoulder room	W 3	56.0
Hip room	W 5	55.6
Upper body opening to ground	H50	45.5

REAR COMPARTMENT

H Point couple distance	L50	-
Effective head room	H63	-
Min. effective leg room	L51	-
H Point to Heel point	H31	-
Min. knee room	L48	-
Rear Compartment room	L 3	23.3
Shoulder room	W 4	-
Hip room	W 6	-
Upper body opening to ground	H51	-

LUGGAGE COMPARTMENT

Usable luggage capacity	V 1	5.3
Liftover height	H195	
Position of spare tire storage		Flat-Right Rear Corner of Trunk
Method of holding lid open		Torsion Bar

STATION WAGON — THIRD SEAT

Shoulder Room	W85	-
Hip room	W86	-
Effective leg room	L86	-
Effective head room	H86	-
Seat facing direction		-

STATION WAGON — CARGO SPACE

Cargo length at floor — front seat	L202	-
Cargo length at belt — front seat	L204	-
Cargo width — Wheelhouse	W201	-
Opening width at belt	W204	-
Maximum cargo height	H201	-
Rear opening height	H202	-
Cargo volume index (cu. ft.) W4 x L204 x H201 1728	V2	-

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POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A C ratio)		
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP RPM	Torque RPM		1	2	3
	302	4V	10.5	290 @ 5800	290 @ 4300	Manual 4-Spd.	3.50	(3.50, 3.91, 4.30)	

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MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED ^(a) _____MODEL _____ CID 302-4V

ENGINE - GENERAL

Type, no. cyls., valve arr.	90°V, 8 Cyl., OHV	
Bore and stroke (nominal)	4.002 x 3.00	
Piston displacement, cu. in.	302	
Bore spacing (C to C)	4.38	
No. system (front to rear)	L. Bank	5-6-7-8
	R. Bank	1-2-3-4
Firing order	1-5-4-2-6-3-7-8	
Compres. ratio (nominal)	10.5:1 Max.	
Cylinder Head Material	Cast Iron	
Cylinder Block Material	Cast Iron	
Cyl. Sleeve-Wet, dry, none	None	
Number of mtg. points	Front	Two
	Rear	One
Engine installation angle	4°	
Taxable horsepower	Dia ² xNo. Cyl. 2.5	51.2
Publishing max. bhp* @ eng. RPM	290 @ 5800	
Publishing max. torque* (lb. ft. @ RPM)	290 @ 4300	
Recommended fuel regular - premium	Premium	

ENGINE - PISTONS

Material	Aluminum Alloy		
Description and finish	Extruded, Slipper Skirt, Cam Ground, and Tin Plated		
Weight (piston only) oz.	18.1		
Clearance (limits)	Top land	.0280-.0324	
	Skirt	Top	.0030-.0038 (a)
		Bottom	—
Ring groove depth	No. 1 ring	.206-.213	
	No. 2 ring	.209-.216	
	No. 3 ring	.187-.194	
	No. 4 ring	—	

* Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) At Centerline and 90° to Axis of Pin Hole.

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MODEL _____ CID 302-4V (Sedan Street)

ENGINE – RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - material, coating, etc.	#1 Cast Iron Alloy, Barrel Face, Molybdenum Filled Groove #2 Cast Iron Alloy, Straight Face, Scraper Groove, Oxide Coated
	Width	#1 and #2 (.077-.078)
	Gap	.010-.020
Oil	Description material, coating, etc.	Multi-Piece: Two Rails and One Spacer - Expander. Rails: Steel (SAE 1070) Chrome Plated, Black Oxide Coated. Spacer-Expander: Steel (A1S1-C-1075)
	Width	.188
	Gap	.015-.055 Rails Only
Expanders		Part of Oil Ring Assembly

ENGINE – PISTON PINS

Material	Steel (SAE 5015) Heat Treated	
Length	3.030-3.020	
Diameter	.9124-.9119 Select Fit	
Type	Lacked in rod, in piston, floating, etc.	Press Fit in Rod
	Bush- ing	In rod or piston Material —
Clearance	In piston	.0002-.0004
	In rod	Press Fit
Direction & amount offset in piston	Right .0625	

ENGINE – CONNECTING RODS

Material	Forged Steel (SAE-1041-H)	
Weight (oz.)	19.65	
Length (center to center)	5.155	
Bearing	Material & Type	Plated Copper-Lead Alloy on Steel Back (Replaceable Insert)
	Overall length	.706-.726
	Clearance (limits)	.0015-.0025
	End play	(Two Rods) .013-.025

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MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED (*) _____MODEL CID 302-4V

ENGINE - CRANKSHAFT

Material		Forged Steel	
Vibration damper type		Tuned, Elastic Suspended, Inertia Member	
End thrust taken by bearing (No.)		Three	
Crankshaft end play		.004-.008	
Main bearing	Material & type	Plated, Copper-Lead Alloy or Steel Back (Replaceable)	
	Clearance	.0010-.0029	
	Journal dia. and bearing overall length	No. 1	2.2486 x .880
		No. 2	2.2486 x .880
		No. 3	2.2486 x 1.132
		No. 4	2.2486 x .880
		No. 5	2.2486 x .880
No. 6	—		
No. 7	—		
Dir. & amt. cyl. offset		Right Bank Leads .84	
Crankpin journal diameter		2.1232	

ENGINE - CAMSHAFT

Location		In Block	
Material		Special Alloy Iron, Precision Molded, Induction Hardened, Phosphate Coated	
Bearings	Material	SAE-15 Lead Base Babbitt on SAE-1010 Steel Back	
	Number	Five	
Type of Drive	Gear or chain	Chain	
	Crankshaft gear or sprocket material	Sintered Iron or Steel	
	Camshaft gear or sprocket material	Aluminum Body with Molded Nylon Teeth	
	Timing chain	No. of links	58
		Width	.637 (.750 Alternate)
Pitch		.375	

ENGINE - VALVE SYSTEM

Hydraulic lifters (Std., opt., NA)		N.A. (Mechanical)
Valve rotator, type (intake, exhaust)		None
Rocker ratio		1.73:1
Operating tappet clearance (indicate hot or cold)	Intake	.025-Hot
	Exhaust	.025-Hot

(Continued)

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MODEL _____ CID 302-4V (Sedan Street)

ENGINE - VALVE SYSTEM (cont.)

Timing (based on top of ramp points)	Intake	Opens (*BTC)	N.A.	
		Closes (*ABC)	N.A.	
		Duration - deg.	N.A.	
	Exhaust	Opens (*BBC)	N.A.	
		Closes (*ATC)	N.A.	
		Duration - deg.	N.A.	
Valve opening overlap		N.A.		
Intake	Material		#1 Silchrome, Aluminized Head, Chrome Plated Stem	
	Overall length		5.136	
	Actual overall head dia.		2.2375-2.2225	
	Angle of seat & face		Seat 44° 30' to 45° 00', Face 45° 30' to 45° 45'	
	Seat insert material		None	
	Stem diameter		.3423-.3416	
	Stem to guide clearance		.0010-.0027	
	Lift (@ zero lash)		.519	
	Outer spring press. & length	Valve closed (lb.@in.)	92 ± 4.6 @ 1.82	
		Valve open (lb.@in.)	315 ± 15.7 @ 1.32	
	Inner spring press. & length	Valve closed (lb.@in.)		
		Valve open (lb.@in.)		
	Exhaust	Material		21-4N Steel Aluminized Head, Chrome Plated Stem & Foot
		Overall length		4.94
Actual overall head dia.		1.717-1.702		
Angle of seat & face		Seat 44° 30' to 45° 00', Face 45° 30' to 45° 45'		
Seat insert material		None		
Stem diameter		.3418-.3411		
Stem to guide clearance		.0015-.0032		
Lift (@ zero lash)		.519		
Outer spring press. & length		Valve closed (lb.@in.)	315 ± 15.7 @ 1.32	
		Valve open (lb.@in.)		
Inner spring press. & length		Valve closed (lb.@in.)		
		Valve open (lb.@in.)		

ENGINE - LUBRICATION SYSTEM

Type of lubrica- tion (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Oil Mist
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Splash
	Cylinder walls	Pressure Stream, Splash

(Continued)

MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED (a) _____

MODEL _____ CID 302-4V

ENGINE – LUBRICATION SYSTEM (cont.)

Oil pump type	Rotor	
Normal oil pressure (lb. engine rpm)	75-85 PSI @ 1000 Engine RPM	
Oil press. sending unit (elect. or mech.)	Electrical	
Type oil intake (floating, stationary)	Stationary Shrouded Screen in Sump	
Oil filter system (full flow, part., other)	Full Flow	
Filter replacement (element, complete)	Complete	
Capacity of c. case, less filter-refill (qt.)	4.0	
Oil grade recommended (SAE viscosity and temperature range)	Multi-Viscosity	Single Viscosity
	+32°F and Above - SAE 20W-40	+90°F and Above - SAE 40
	0°F and Above - SAE 10W-40	+32°F to +90°F - SAE 30
	-10°F to +90°F - SAE 10W-30	+10°F to +32°F - SAE 20-20W
	Below -10°F (-32° Max) SAE SW-30	-10°F to +10°F - SAE 10W
Engine Service Reqmt. (MM, MS, etc.)	MS	

ENGINE – EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual 3	
Muffler No. & type (reverse flow, straight thru, separate resonator)	(a)	
Exhaust pipe dia. (O.D., wall thick.)	Branch	2.50 x .084 Lam.
	Main	2.50 x .075 Solid
Tail pipe dia. (O.D. & wall thickness)	2.25 x .060 Solid	

ENGINE – CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Induction System (Closed System)
	Optional	None
Control Unit	Make and model	Ford, AC, Chicago Screw, or Eaton
	Location	Rocker Cover
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold Vacuum
Complete system	Control method (variable orifice, fixed orifice, other)	Variable Orifice
	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Carburetor Spacer and/or Carb. Air Cleaner
	Air inlet (breather cap, carburetor air cleaner, other)	Carburetor Air Cleaner
	Flame arrestor (screen, check valve, other)	Emission Valve and Air Cleaner Filter

(a) Two-Two Passage Reverse Flow
One-Reverse Flow

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MODEL _____ CID 302-4V

ENGINE - EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, other)		Air Injection, Engine, Carb., and Distributor Modification	
Air Injection Pump	Type	Positive Displacement	
	Displacement	19.3 Cu. In. per Revolution	
	Drive ratio	1.075:1	
	Drive type	V-Belt and Pulley	
	Relief valve (type)	Poppet - Pressure Sensitive	
	Filter (describe)	Centrifugal	
Air Injection System	Air distribution (head, manifold, etc.)	Manifold	
	Point of entry	Exhaust Ports in Cyl. Heads	
	Injection tube I.D.	.260	
	Check valve type	Poppet - Spring Loaded Plate	
Backfire protection (type)		Air By-Pass or Anti-Backfire Valve	
Carburetor	Make	Holley (780 CFM)	
	Model		
	Barrel size		
	Idle speed	Drive	
		Neutral	
Idle A/F mixture			
Aux. Adv. Systems (type)		Centrifugal and Vacuum	
Distributor	Make		
	Model	70F28	
	Cent'fgal adv. in crank degrees @ eng. rpm	Start (rpm)	
		Intermed. points deg. @ rpm	
		Max. deg. @ rpm	
	Vacuum adv. in crank degrees @ eng. rpm	Start (in Hg)	
		Intermed. points deg. @ in. Hg	
Max. deg. @ in.			
Vacuum Source			
Timing - Crank degrees @ rpm			
Cooling System			
Exhaust System			

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MODEL _____ CID 302-4V

ENGINE - FUEL SYSTEM

[See supplemental page for Details of Fuel Injection, Supercharger, etc. if used]

Induction type: Carburetor, fuel injection, supercharger.		Carburetor (Downdraft)	
Fuel Tank	Refill capacity (U.S. gals.)	20 Gallons	
	Filler location	Left Rear Quarter Panel	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Left Side of Engine	
	Pressure range	4.5-5.5	
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	#1 Saran Plastic	#2 Nylon and Monel Cloth
	Locations	#1 In Fuel Tank (Permanent)	#2 In-Line at Carburetor
Choke type		Manual	
Intake manifold heat control (exhaust or water)			
Carburetor	Air cleaner type	Standard	Dry-Replaceable Element
		Optional	None
	Idle speed (spec. neutral or drive)	Manual	N.A.
		Automatic	
Idle A/F mix.			

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
	302	Manual	Holley	-9510-780 CFM	One-4V	Pri. Sec.

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MODEL _____ CID 302-4V

ENGINE - COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure	
Radiator cap relief valve pressure		12-15 PSI	
Circulation thermostat	Type (choke, bypass)	Choke - Poppet or Sleeve Valve	
	Starts to open at (°F)	189°-192°F, Full Open 212°F	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM @ 1000 pump rpm	14	
	Number of pumps	One	
	Drive (V-belt, other)	V-Belt	
Bearing type		Double Row, Sealed, Ball and Roller Bearings	
By-pass recirculation type (inter., ext.)		External	
Radiator core type (cellular, tube and fin, other)		Downflow, Tube and Slit Fin	
Cooling system capacity	With heater (qt.)	13.5	
	Without heater (qt.)		
	Opt. equipment-specify (qt.)		
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, Molded
		Inside diameter	1.75
	Upper	Number and type (molded, straight)	One, Molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	One, Molded
		Inside diameter	.615 1 or 2
Fan	Number of blades & spacing		4 Uneven
	Diameter		17.5 x 2.0
	Ratio-fan to crankshaft rev.		.95:1
	Fan cutout type		None
	Bearing type		Sealed Ball and Roller (Water Pump Bearing)
* Drive belts (indicate belt used by letter)	Fan		1 or 2 & 3
	Generator or alternator		A
	Water Pump		A B
	Power Steering		B
	Air Conditioning		
	Crankshaft		B
Idler or Air Pump			

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	36°	36°									
Nominal length (SAE)											
Width											

(1) Standard Cooling (2) Extra Cooling (3) Power Steering

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MODEL CID 302-4V

ELECTRICAL – SUPPLY SYSTEM

Battery	Make and Model <u>Autolite</u>		<u>C9AF-10855-A</u>	
	Voltage Rtg. & Total Plates		<u>12 Volt, 54 Plates</u>	
	SAE Designation & Amp. Hr. Rtg.		<u>17 M1A, 45 Amp. Hr.</u>	
	Location		<u>Right Front Engine Compartment</u>	
Terminal grounded		<u>Negative</u>		
Generator or Alternator	Make		<u>Autolite</u>	
	Model		<u>C6AF-10300-B (42A)</u>	
	Type and rating		<u>3 Phase, Full Wave Bridge Rectified, Self Limiting</u>	
	Output at engine idle (neutral)			
Ratio-Gen. to Cr/s rev.		<u>2.40:1</u>		
Regulator	Make		<u>Autolite</u>	
	Model		<u>C8AF-10316-A</u>	
	Type		<u>Two Unit, Voltage Control and Field Relay</u>	
	Cutout relay	Closing voltage generator rpm	<u>2.5-4.0 Volts at 75°F</u>	
		Reverse current to open	<u>Not Applicable</u>	
	Regu- lated	Voltage	<u>13.5-15.3 @ 50°-125°F on Lower Contacts (Shorting Stage)</u>	
		Current	<u>Not Applicable</u>	
	Voltage test conditions	Temperature	<u>75°F</u>	
Load		<u>5 Amps</u>		
Other				

ELECTRICAL – STARTING SYSTEM Manual Transmission

Starting Motor	Make		<u>Autolite</u>	
	Model		<u>C7AF-11001-F</u>	
	Rotation (drive end view)		<u>Clockwise</u>	
Motor control	Switch (solenoid, manual)		<u>Solenoid</u>	
	Starting procedure			
Motor Drive	Engagement type		<u>Positive (Electro-Mechanical)</u>	
	Pinion meshes (front, rear)		<u>Front</u>	
	Number of teeth	Pinion	<u>9</u>	
		Flywheel	Manual	<u>164</u>
	Auto.		<u>N.A.</u>	
Flywheel tooth face width	Manual	<u>.365</u>		
	Auto.	<u>N.A.</u>		

*Heavy Duty Options

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MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED _____MODEL 302-4VBATTERY APPLICATIONS (-10655-)

<u>Engine — CID</u>	<u>Transmission</u>	<u>Air Cond.</u>	<u>Standard</u>	<u>Optional</u>
302-4V	Manual	NA	C9AF-A (45AH)	C9AF-D80 (AH) (Trunk)

ALTERNATOR APPLICATIONS (-10300-)

<u>Engine — CID</u>	<u>Standard</u>	<u>Ratio</u>	<u>Air Conditioned</u>	
			<u>No P/S</u>	<u>With P/S</u>
302-4V	C6AF-B (42A)	2.18	NA	NA

STARTING MOTOR APPLICATIONS

<u>Engine — CID</u>	<u>Manual Trans.</u>	<u>Auto. Trans.</u>
302-4V	C7AF-11001-F	NA

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MODEL _____ CID 302-4V

ELECTRICAL – IGNITION SYSTEM

Type	Conventional – Std., Opt., N.A.	Standard C9AF-10655-A C9AF-10655-B* C9AF-10655-C*	
	Transistorized – Std., Opt., N.A.	N.A. 12 Volt, 54 Plates 12 Volt, 66 Plates 12 Volt, 66 Plates	
	Other (specify)	None 17M1A, 45 AMP. HR. 17M28, 55AMP. HF. 17H3, 70 AMP. HR.	
Coil	Make	Autolite	
	Model	C9AF-12024-B	
	Amps	Engine stopped 4.5 Engine idling 2.5	
Distributor	Make	Autolite	
	Model	70F28	
	Cent'gal adv. in c/shaft degrees @ engine rpm (nominal)	Start (rpm)	
		Intermediate points deg. @ rpm	
		Max. deg. @ rpm	
	Vacuum adv. in c/shaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	
		Intermediate points, deg. @ in. Hg.	
		Max. deg. in. Hg.	
	Breaker gap (in.)		
	Cam angle (deg.)		
Breaker arm tension (oz.)			
Timing	Crankshaft deg. @ rpm		
	Mark location	Crankshaft Damper	
Spark Plug	Make	Autolite	
	Model	C9ZF-12405-A (AF-32)	
	Thread (mm)	14MM	
	Tightening torque (lb. ft.)	5-10	
	Gap	.032-.036	
Cable	Conductor type	Resistance Core Cable	
	Insulation type	Neoprene Sheath	
	Spark plug protector	Hypalon Boot	

ELECTRICAL – SUPPRESSION

Locations & type	Capacitor in Alternator and Voltage Regulator. Resistance Core Ignition Cable and Hood Ground.
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MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED (a) _____MODEL CID 302-4V**ELECTRICAL – INSTRUMENTS AND EQUIPMENT**

Speed-ometer	Type	Pointer
	Trip odometer (yes, no)	Optional
Charge indicator – type		Electric Gage Shunt (a)
Temperature indicator – type		Electric Gage
Oil pressure indicator – type		Electric Gage (a)
Fuel indicator – type		Electric Gage
Other		Electric Clock & Tach. Opt., Emergency Flasher, Directional Signal Lights, Headlamp Beam Indicator Light, Brake Sys. & Seat Belt Warning Lights
Wind-shield wiper	Type – Standard	Electric Two Speed
	Type – Optional	Electric – Variable Dwell
Wind-shield washer	Type – Standard	Electric
	Type – Optional	None
Horn	Type	Electric
	Number used	Two
	Amp draw (each)	5.5 Amps. Maximum

DRIVE UNITS – CLUTCH (Manual Transmission)

Make & type		Semi-Centrifugal, Single Disc, Dry Plate
Type pressure plate springs		Coil
Total spring load (lb.)		1692
No. of clutch driven discs		One
Clutch facing	Material	Woven Asbestos
	Outside & inside dia.	10.4 x 5.875
	Total eff. area (sq. in.)	115.6
	Thickness	.125
Engagement cushioning method		Torbend Disc
Release bearing	Type & method of lubrication	Angular Contact, Prepacked Sealed
Torsional damping	Methods: springs, friction material	Spring

(a) Warning Lights are used with Optional Tachometer.

AMA Specifications—Passenger Car

MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED (*) _____

MODEL _____ CID 302-4V

DRIVE UNITS – TRANSMISSIONS

Manual 3-speed (std. or opt.)	N.A.
Manual 4-speed (std. or opt.)	Standard
Manual with overdrive (std. or opt.)	N.A.
Automatic (std. or opt.)	N.A.

DRIVE UNITS – MANUAL TRANS.

Number of forward speeds		4 Speed (a)	4 Speed (b)	
Transmission ratios	In first	2.78	2.32	
	In second	1.93	1.69	
	In third	1.36	1.29	
	In fourth	1.00	1.00	
	In reverse	2.78	2.32	
Synchronous meshing, specify gears		1st, 2nd, 3rd, 4th	1st, 2nd, 3rd, 4th	
Shift lever location		Floor		
Lubricant	Capacity (pt.)	4.0	4.0	
	Type recommended	ESW-M2C38-B		
	SAE viscosity number	Summer	80	
		Winter	80	
Extreme cold				

DRIVE UNITS – MANUAL TRANS. W/OVERDRIVE

(For transmission data see manual transmission section)

Type (planetary or other)			
Manual lockout (yes, no)			
Downshift accelerator control (yes, no)			
Minimum cut-in speed			
Gear ratio	NOT AVAILABLE		
Lubricant	Capacity (pt.) (Overdrive only)		
	Separate filler (yes, no)		
	Type recommended		
	SAE viscosity number	Summer	
		Winter	
Extreme cold			

(a) Standard with 302-4V

(b) Optional with 302-4V

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DRIVE UNITS – AUTOMATIC TRANSMISSION **NOT AVAILABLE**

Trade name		
Type describe		
Selector location		
List gear ratios Selector Pattern and indicate which are used in each selector position		
Max. upshift speed—drive range		
Max. kickdown speed—drive range		
Torque converter	Number of elements	
	Max. ratio at stall	
	Type of cooling (air, liquid)	
	Nominal diameter	
Lubricant	Capacity—refill (pt.)	
	Type recommended	
Special transmission features		

DRIVE UNITS – PROPELLER SHAFT

Number used		One
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Exposed
Outer diam. x length* x wall thickness	Manual 3-speed trans.	Not Available
	Manual 4-speed trans.	3.00 50.02 .065
	Overdrive transmission	Not Available
	Automatic transmission	Not Available

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

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED ^(a) _____

MODEL _____ CID 302-4V

DRIVE UNITS – PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	None
Slip Yoke	Type	
	Number of teeth	28
	Spline O.D.	1-1/2
Universal joints	Make and Mfg. No.	Ford 1330
	Number used	Two
	Type (ball and trunnion, cross)	Cross
	Rear attach. (u-bolt, clamp, etc.)	"U" Bolt
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Rear Springs
Torque taken through (torque tube or arms, springs)		Rear Springs

DRIVE UNITS – AXLE

Type (front, rear)	Rear		
Description	Conventional, Semi-Floating, Straddle Mounted Pinion		
Limited Slip differential, type	Traction Lok		
Drive Pinion Offset	2.25		
No. of differential pinions	Two & Four		
Pinion adjustment (shim, other)	Shim		
Pinion bearing adj. (shim, other)	Collapsible and Solid Spacer		
Wheel bearing type	Single Row, Double Sealed Ball		
Lubricant	Capacity (pt.)	5	
	Type recommended	M2C-104-A	
	SAE viscosity number	Summer	
		Winter	
Extreme cold			

AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio	
No. of teeth	Pinion
	Ring gear
Ring Gear O.D.	

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DRIVE UNITS - WHEELS

Type & material		Stamped Steel
Rim (size & flange type)	Std.	15 x 7 JJ Argent Painted
	Opt.	15 x 7 JJ Chrome
Attachment	Type (bolt or stud)	
	Circle diameter	
	Number and size	Five - 1/2"

MODEL _____

DRIVE UNITS - TIRES

Standard	Size, ply rating, & ply		F60 x 15
	Type (bias, radial, etc.)		Belted
	Full rated Inflation Press.	Front	28
		Rear	28
Rev./Mile at 50 MPH		780	
Optional	Size, ply rating, & ply		Not Available

BRAKES - PARKING

Type of control		Foot Operated Step-On/Hand Release
Location of control		L-Hand of Steering Column Under Instrument Panel
Operates on		Rear Service Brake
If separate from service brakes	Type (internal or external)	—
	Drum diameter	—
	Lining size (length x width x thickness)	—

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MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED ^(a) _____MODEL _____ CID 302-4V

BRAKES—SERVICE

			Disc (Front)	Drum (Rear)	
Type (drum) or (disc & no. of pistons)			Caliper Disc (Front)	Duo-Servo (Rear)	
Self adjusting (std., opt., N.A.)			Standard		
Special Valving	Type (proportion, delay, metering, other)		1) Differential Valve & Warning Light Switch 2) Proportioning Valve (Rear Brakes)		
Power brake make & type (remote, int., etc.)	Std.	Opt.	Bendix Tandem Integral Dual Master Cylinder		
Effective area (sq. in.) *			Front	Rear	
Gross lining area (sq. in.) **			40.6	146	
Swept area (sq. in.) ***			40.6	174.2	
			223	282.8	
Front to Rear Effectiveness Relationship			63%		
Drum	Diameter (nominal)	Front	11.3		
		Rear	10.0		
	Type and material		Cast Iron Disc, Duclite Iron Caliper (Front) Composite (Rear)		
Rotor	Outer working diameter		11.3		
	Inner working diameter		7.35		
	Working width		.940		
	Material & type (vented/solid)		Cast Iron Vented		
Wheel cylinder bore	Front		2.38		
	Rear		.875		
Master Cylinder	Bore		1.000		
	displacement distribution	Front %	65		
		Rear %	35		
Pedal arc ratio			3.00		
Line pressure at 100 lb. pedal load			1000 @ 20 HG		
Shoe Clearance	Front				
	Rear				
Brake Lining	Bonded or riveted		Bonded		
	Front Wheel	Material	Molded Asbestos		
		Size (length x width x thickness)	Prim. or out-board	6.815 x 2.20 x .362	
			Second. or in-board	4.95 x 2.07 x .362	
		Segments per shoe		One Each Side of Disc	
	Rear Wheel	Material	Asbestos (Riveted)		
Size (length x width x thickness)		Prim. or out-board	2.00 x 8.46 x .18		
		Second. or in-board	2.00 x 10.88 x .25		
Segments per shoe					

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

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

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MODEL _____ CID 302-4V

STEERING

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Dual Tilt	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	16.0	
	Power	16.0	
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	39.43
		Curb to curb (l. & r.)	37.6
	Inside rear	Wall to wall (l. & r.)	21.26
		Curb to curb (l. & r.)	21.22
			18 ⁰ 40'
Manual	Gear	Type	Recirculating Ball and Nut Lube ESW-M1C87-A .55 Lb. \pm .05
		Make	Ford
	Ratios	Gear	16:1 Standard 19.9:1 R, P, O.
		Overall	20.32:1 Standard 25.3:1 R, P, O.
No. wheel turns (stop to stop)		3.74	4.64
Power	Type (coaxial, linkage, etc.)		Linkage
	Make		Ford
	Gear	Type	Recirculating Ball and Nut Lube ESW-M1C87-A .55 Lb. \pm .05
		Ratios	Gear
	Overall		20.32
	Pump driven by		Belt Off Crankshaft Pulley Lube M2C33-F
No. wheel turns (stop to stop)		3.74	
Linkage	Type		Parallelogram with Crosslink
	Location (front or rear of wheels, other)		Rear
	Drag link (trans. or longit.)		Transverse
	Tie rods (one or two)		Two
Steering Axis	Inclination at camber (deg.)		6-3/4 ⁰ Theoretical Non-Adjustable
	Bearings (type)	Upper	Ball Joint
		Lower	Ball Joint
		Thrust	Washer in Upper Ball Joint
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		+ 1/4 ⁰ \pm 1/2 ⁰
	Camber (deg.)		+ 1 ⁰ \pm 3/4 ⁰
	Toe-in (outside track inches)		3/16 \pm 1/16
Steering spindle & joint type			Integral W/Wheel Spindle; Ball Socket Joints
Wheel Spindle	Diameter	Inner bearing	1.75 I.D.
		Outer bearing	.75 I.D.
	Thread size		3/4-16 NF 3
	Bearing type		Tapered Roller

AMA Specifications—Passenger Car

MAKE OF CAR MUSTANG BOSS MODEL YEAR 1969-1/2 DATE ISSUED _____ REVISED (*)

MODEL _____ CID 302-4V

SUSPENSION – GENERAL

(See Supplement page for details on Air Suspension)

Provision for car leveling	None	
Provision for brake dip control	Tilted Upper Control Arm Anti-Dive Front Suspension	
Provision for acc. squat control	Asymmetrical Type Rear Spring Mounting	
Special provisions for car jacking	Special Notched Rocker Panel Positions Front and Rear on Each Side of Car	
Shock absorber front & rear	Type	Direct Acting
	Make	Gabriel
	Piston dia.	1.3116
Other special features	Staggered Shocks (Rear)	

SUSPENSION – FRONT

Type and description	Independent S. L. A. with Drag Strut, Ball Joints, Coil Springs & Shock Absorbers Mounted over Upper Arm	
Spring	Type	Coil
	Material	Steel SAE 5160
	Size (coil design height & I.D. bar length x dia.)	10.03 x 3.87
	Spring rate (lb. per in.)	350
	Rate at wheel (lb. per in.)	
Stabilizer	Type (link, linkless, frameless) & Material	Link Type Steel SAE 1090
	Material & bar diameter	.85

SUSPENSION – REAR

Type and description	Hotchkiss Drive	
Drive and torque taken through	Rear Springs	
Spring	Type	Semi-Elliptical
	Material	Spring Steel SAE 5160, 5147, 5155
	Size (length x width, coil design height & I.D.; bar length & dia.)	53 x 2.50
	Spring rate (lb. per in.)	150
	Rate at wheel (lb. per in.)	
	Mounting insulation type	Silent Block (Frt.) Split Type Rubber Bushing (Rear)
	If leaf	No. of leaves
Stabilizer	Shackle (comp. or tens.)	Compression
	Type (link, linkless, frameless)	None
Material		
Track bar type	None	

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FRAME

Type and description (Separate frame, unitized frame, partially - unitized frame)

Unitized Construction

BODY — MISCELLANEOUS INFORMATION

Dr. hinged (front, rr.)	Front doors	Front
	Rear doors	—
Type of finish (lacquer, enamel, other)		Enamel
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle Ident. No. location Warranty Plate Location		Top of Instrument Panel on Driver's Side Inboard of "A" Pillar Lock Face of Left Door
Engine No. location		Boss on Front Left Side of Cylinder Block
Theft protection - type		Door Locks, Ignition Key Start, Theft Retard or Ignition Switch
Vent window control method (crank, friction pivot)	Front	None
	Rear	Model 63 (Friction Type Pivot)
Seat cushion type	Front	Formed Wire
	Rear	Formed Wire
	3rd seat	None
Seat back type	Front	Formed Wire
	Rear	Formed Wire
	3rd seat	None
Windshield glass type (i.e., single curved - laminated plate)		Compound Curved, One Piece Laminated Plate
Side glass type (i.e., curved - tempered plate)		Curved, Tempered Sheet
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Compound Curved, Tempered Plate, One Piece
Windshield glass exposed surface area		1128
Side glass exposed surface area		945
Backlight glass exposed surface area		1250
Total glass exposed surface area		3288

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MODEL _____ CID 302-4V

CONVENIENCE EQUIPMENT

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

Power windows	Side windows	Optional Door Only
	Vent windows	
	Backlight or tailgate	
Power seats (specify type as well as availability)		Not Available
Reclining front seat back (R-L or both)		Not Available
Front seat head restrainer (R-L or both)		Standard
Radios (specify type as well as availability)		Optional — Push Button AM, Push Button AM/FM, AM Radio Stereogonic Tape System
Rear seat speaker		Optional — With AM Radio Only
Power antenna		Not Available
Clock		Optional
Air conditioner (specify type and availability)		Optional — Ford SelectAire Integrated with Heater
Speed warning device		Not Available
Speed control device		Optional
Ignition lock lamp		Not Available
Dome lamp		Optional — Dual Qtr. Pillar
Glove compartment lamp		Optional
Luggage compartment lamp		Optional
Underhood lamp		Not Available
Courtesy lamp		Standard
Map lamp		Optional
Auto. trans. quad. lamp		Not Available
Cornering light lamp		Not Available
Dual Tilt Column		Optional
Low Fuel Warning Lamp		Not Available
Door Ajar Warning Lamp		Not Available
Seat Belt Warning Lamp		Optional with Deluxe Seat Belts
Qtr. Flipper Window		Standard

LAMP HEIGHT AND SPACING

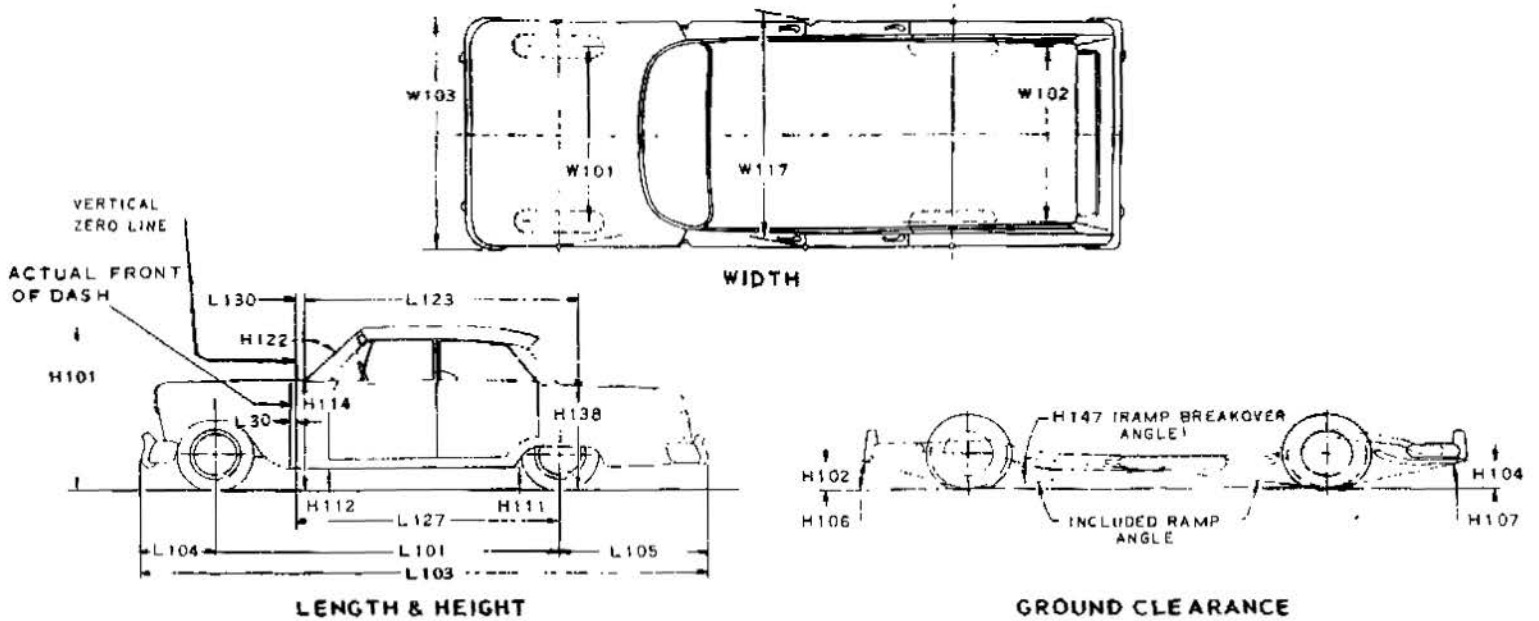
Height above ground to center of bulb or marker	Headlamp	Highest *	25.2
		Lowest	24.9
	Tail	Highest	24.7
		Lowest	—
Sidemarker	Front	16.3	
	Rear	19.4	
Distance from C/L of car to center of bulb	Headlamp	Inside	18.8
		Outside *	29.8
	Tail	Inside	—
		Outside	23.1
	Directional	Front	20.9
		Rear	23.1

* If single headlamps are used enter here.

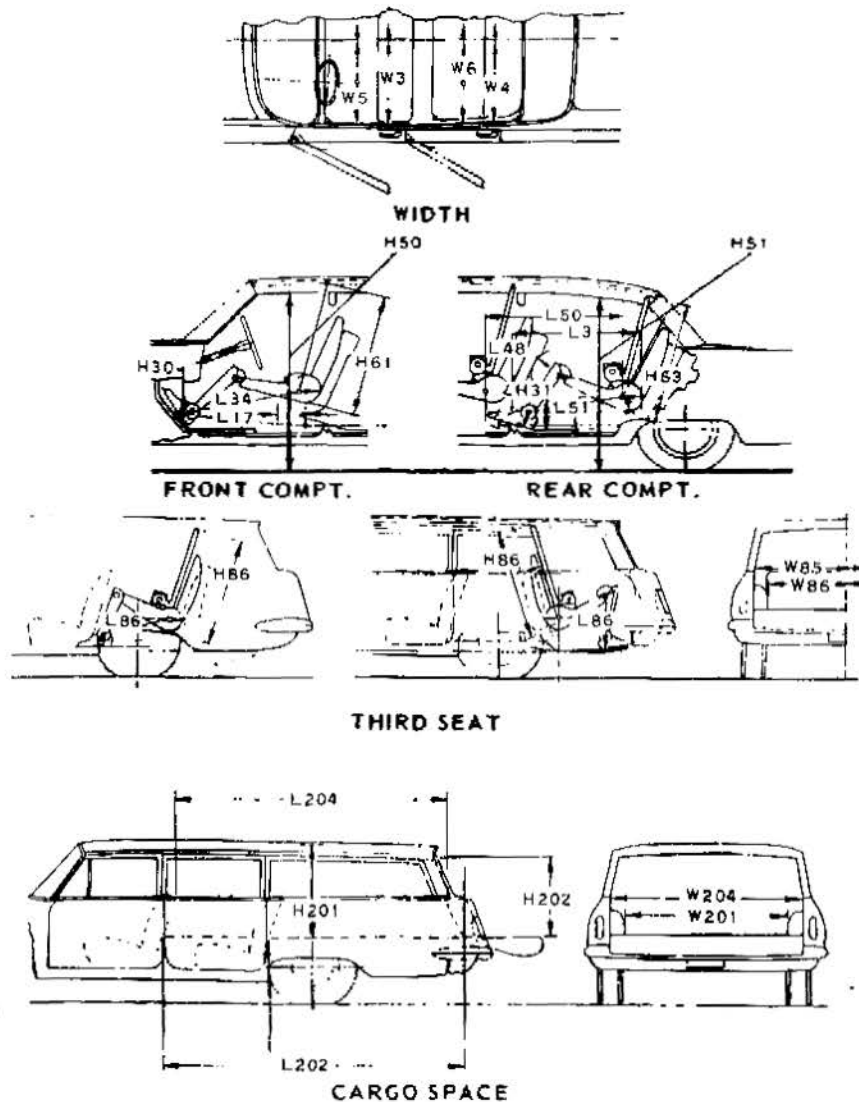
CAR AND BODY DIMENSIONS

KEY SHEET

EXTERIOR CAR AND BODY DIMENSIONS



INTERIOR CAR AND BODY DIMENSIONS



CAR AND BODY DIMENSIONS

KEY SHEET

DIMENSION DEFINITIONS

EXTERIOR WIDTH DIMENSIONS

- W101 WHEEL TREAD - FRONT. Measured at centerline of tires with nominal camber, at ground.
- W102 WHEEL TREAD - REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

EXTERIOR LENGTH DIMENSIONS

- L 30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual front of dash is to the rear of Body Zero Line, it is identified by a minus (-) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG - FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG - REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

EXTERIOR HEIGHT DIMENSIONS

- H101 OVERALL HEIGHT - DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND. Measured at vehicle centerline.
- H138 DECK POINT TO GROUND. Measured at vehicle centerline.
- H112 ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
- H111 ROCKER PANEL TO GROUND - REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
- H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.

GROUND CLEARANCE DIMENSIONS

- H102 BUMPER TO GROUND - FRONT. Minimum dimension, includes bumper guards.
- H104 BUMPER TO GROUND - REAR. Minimum dimension, includes bumper guards.
- H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference; measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.
- H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

FRONT COMPARTMENT DIMENSIONS

- H 61 EFFECTIVE HEAD ROOM - FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L 34 MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H 30 H POINT TO HEEL POINT - FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L 17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

FRONT COMPARTMENT DIMENSIONS (Cont.)

- W 3 SHOULDER ROOM - FRONT. The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.
- W 5 HIP ROOM - FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.
- H 50 UPPER BODY OPENING TO GROUND - FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.

REAR COMPARTMENT DIMENSIONS

- L 50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H 63 EFFECTIVE HEAD ROOM - REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L 51 MINIMUM EFFECTIVE LEG ROOM - REAR. Measured along a diagonal line from the ankle pivot center to the H Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.
- H 31 H POINT TO HEEL POINT - REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L 48 MINIMUM KNEE ROOM - REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.
- L 3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W 4 SHOULDER ROOM - REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.
- W 6 HIP ROOM - REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.
- H 51 UPPER BODY OPENING TO GROUND - REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

LUGGAGE COMPARTMENT DIMENSIONS

- V 1 LUGGAGE CAPACITY - USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

STATION WAGON - THIRD SEAT DIMENSIONS

- W 85 SHOULDER ROOM - THIRD SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.
- W 86 HIP ROOM - THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.
- L 86 EFFECTIVE LEG ROOM - THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H 86 EFFECTIVE HEAD ROOM - THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

STATION WAGON - CARGO SPACE DIMENSIONS

- L202 CARGO LENGTH AT FLOOR - FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
- L204 CARGO LENGTH AT BELT - FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
- W201 CARGO WIDTH - WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail-end liftgates fully open.
- V 2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

W4xL204xH201

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SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Automatic Transmission.....	16	Kingpin (Steering Axis).....	20
Axis, Steering.....	20	Lamp height and spacing.....	23
Axle, Rear.....	17	Legroom.....	2
Battery.....	12	Lengths - Car and Body.....	1
Bearings, Engine.....	5, 6, 7	Lifters, valve.....	6
Belts - Fan, Generator, Water Pump.....	11	Linings - Clutch, Brake.....	14, 19
Brakes - Parking, Service Power.....	18, 19	Lubrication.....	7, 8, 14, 15, 16, 17
Camber.....	20	Luggage Compartment.....	2
Camshaft.....	6	Motor, Starting.....	12
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Cooling System.....	11	Overdrive.....	15
Fuel Tank.....	10	Piston Pins & Rings.....	4, 5
Lubricants		Pistons.....	4, 5
Engine Crankcase.....	8	Power Brakes.....	19
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Rear Axle.....	17	Power Teams.....	3
Car and Body Dimensions		Propeller Shaft, Universal Joints.....	16, 17
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Length.....	1	Water.....	11
Height.....	1	Radiator, Hoses.....	11
Ground Clearance.....	1	Ratios - Axle.....	3, 17
Front Compartment.....	2	Compression.....	3, 4
Rear Compartment.....	2	Steering.....	20
Luggage Compartment.....	2	Transmission.....	15, 16
Station Wagon - Third Seat.....	2	Rear Axle.....	3, 17
Station Wagon - Cargo Space.....	2	Regulator - Generator.....	12
Carburetor.....	3, 9, 10	Rims.....	18
Caster.....	20	Rings, Piston.....	5
Choke, Automatic.....	10	Rods - Connecting.....	5
Clutch - Pedal Operated.....	14	Shock Absorbers, Front & Rear.....	21
Coil, Ignition.....	13	Spark Plugs.....	13
Connecting Rods.....	5	Speedometer.....	14
Convenience Equipment.....	23	Springs - Front & Rear Suspension.....	21
Cooling System.....	11	Valve, Engine.....	6
Crankcase Ventilation System.....	8	Stabilizer (Sway Bar) - Front & Rear.....	21
Crankshaft.....	6	Starting System.....	12
Cylinders and Cylinder Head.....	4	Steering.....	20
Dimension Definitions		Supply System.....	12
Key Sheet.....	25	Suppression - Ignition, Radio.....	13
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