

Automobile Manufacturers Association
Consolidated Specification Questionnaire
1951 PRODUCTION Models

Mechanical Details

Make of Car. PACKARD Model 1400
Name of Maker. Packard Motor Car Company Address 1580 East Grand Boulevard
Date _____

NOTE: (1) Subject to Correction: It is understood that the following data are subject to correction in the case of cars not in production at the time this compilation was requested.

(2) Only standard equipment included in Factory Delivered price should be included in this questionnaire.

ENGINE

No. of cylinders 8
Valve arrangement HL
Bore 3 1/2 Stroke 4 1/2
Cylinder head, cast iron or aluminum Cast Iron
Cylinder sleeve, Yes No No. X
Piston displacement 327 Cu. In.
Taxable horsepower 39.2
Horsepower rating—

To be based on actual performance corrected to 60°F. at sea level (barometric pressure 29.92 inches of mercury) with standard fuel. (Octane No. of fuel 89.9) (Research)

—With Bare Engine—

Maximum brake hp. 155 at 3600 R.P.M.

—With Standard Accessories—*

Maximum brake hp. _____ at _____ R.P.M.

*Those standard accessories needed for normal operation including fan, generator, starter, air cleaner, muffler, manifolds, fuel and water pumps.

Maximum torque—

With bare engine, lb. ft. 275 at 2000 R.P.M.

With standard accessories, lb. ft. _____ at _____ R.P.M.

Compression Ratio—

Standard 7.80 to 1 Optional 7.00 to 1

Standard compression pressure—pounds—

At cranking speed 144

At what R.P.M. 150

PISTONS and RINGS

Piston

Make Bohn or Aluminum Industries

Material Aluminum Alloy

Features—split skirt, inner strut, oval, tin-plated, aluminum oxide finish, auto-thermic, V-Bridge, porous chrome plate, etc.

Weight—ounces—without rings, pin or bushing 19.575

Length 3-7/8

Clearance—

Top land .0272 to .0322

Skirt, top www bottom .0005-.001

PISTONS and RINGS (cont'd)

Piston ring groove depth—
Oil .188 Compression .170
No. of oil rings used per piston 1
Width of oil rings .1860 = .1865
Width of oil ring gap .007 = .015
No. of compression rings used per piston 2
Width of compression rings .0925 = .0935
Width of compression ring gap .007 = .017
Maximum wall thickness of oil rings .157
Maximum wall thickness of compression rings .160
Are ring expanders used, Yes X No _____

RODS and PINS

Wristpin—

Material Steel
Length 7-1/64 Diameter 7/8

Locked in rod, piston or floating _____

Clearance in piston *

Clearance in rod Finger Push/ to

Connecting rod—

Length—center to center 7-11/16

Material Steel Forging

Weight—ounces 36.014

Crankpin journal—

Diameter 2.250 Length 1-5/16

Lower bearing—

Material Special Composite Construction

Clearance .0005 to .0025

End play .003 to .011

Shim Solid, laminated or none

Spun or separate _____

Rods and pistons removed from above or below

CRANKSHAFT

Material Steel Forging

Weight—stripped 105 lbs.

Vibration dampener used—yes or no _____

Type Fluid Suspension

* Palm Push Fit at 160° F. in water.

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MODEL SPECIFICATIONS

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Make of Car Packard Model 400 Date _____

CRANKSHAFT (cont'd)

Crankshaft counterweights used, number of 8
 Which main bearing takes thrust Center
 Crankshaft end play .0035 - .0085
 Main bearing—
 Type: Cast-in or Slip-in X
 If slip-in: Removable from below Yes
 Necessary to align ream No
 Material Special Composite Construction
 Clearance .0005 - .0025
 Shim—solid, laminated or none _____
 Main bearing journal diameter x length—
 No. 1. 2.7465 x 1-7/32
 No. 2 2.7465 x 1-1/16
 No. 3 2.7465 x 1-1/16
 No. 4 2.7465 x 1-1/16
 No. 5 2.7465 x 1-19/32
 No. 6 2.7465 x 1-1/16
 No. 7 2.7465 x 1-1/16
 No. 8 2.7465 x 1-1/16
 No. 9 2.7465 x 2-1/16
 Crankshaft gear or sprocket—
 Make Own
 Material Steel

CAMSHAFT

Camshaft gear or sprocket—
 Make Own
 Material Cast Iron
 Timing chain—
 Make Morse
 Number of links 58
 Width 1
 Pitch .375

VALVES

INTAKE VALVE—

Make Wilcox-Rich
 Material Chrome Nickel
 Overall length 5-7/8
 Actual overall diameter of head 1-43/64
 Minimum port diameter 1-9/16
 Angle of seat 30°
 Is valve seat an insert? No
 Stem diameter .3417
 Stem to guide clearance .0005 to .0031
 Lift .342
 Spring pressure and length—
 Outer—

VALVES (cont'd)

With valve closed—lb. 60-66 ins. 1-3/4
 With valve open—lb. 135 - 145 ins. 1-13/32
 Length out of engine—ins. 2-1/16
 Inner—
 With valve closed—lb. ----- ins. -----
 With valve open—lb. ----- ins. -----
 Length out of engine—ins. -----

EXHAUST VALVE—

Make Wilcox-Rich
 Material Austenitic
 Overall length 5-7/8
 Actual overall diameter of head 1-7/16
 Minimum port diameter 1-5/16
 Angle of seat 45°
 Is valve seat an insert? No Material -----
 Stem diameter .3398
 Stem to guide clearance .0024 to .005
 Lift .3365 - .3385
 Spring pressure and length—
 Outer—
 With valve closed—lb. 48.5-77 ins. 1-3/4
 With valve open—lb. 123 - 156 ins. 1-13/32
 Length out of engine—ins. 2-1/16
 Inner—
 With valve closed—lb. ----- ins. -----
 With valve open—lb. ----- ins. -----
 Length out of engine—ins. -----

Operating tappet clearance (hot or cold)—intake -----
 Tappet clearance for valve timing—intake -----
 Operating tappet clearance (hot or cold)—exhaust -----
 Tappet clearance for valve timing—exhaust -----
 Hydraulic valve lifters—yes or no _____
 Valve timing—
 Intake opens 15 degrees BUDC piston travel ----- inches
 Intake closes 43 " ALDC " " ----- inches
 Exhaust opens 53 " BLDC " " ----- inches
 Exhaust closes 4 " AUDC " " ----- inches
 Valve Timing Marks—on Flywheel, Vibration Damper, None

LUBRICATION

Lubricating system type—pressure or splash
 Oil pressure to—
 Main bearings—yes or no _____
 Connecting rods—yes or no _____
 Wristpins—yes or no _____
 Camshaft bearings—yes or no _____
 Tappets—yes or no _____

Make of Car Packard Model 400 Date _____

LUBRICATION (cont'd)

Timing gear or chain lubrication—positive or splash
 Oil pump type Gear
 Oil grade recommended—SAE viscosity and temperature range—
20 or 20W Not lower than 32°F.
20W As low as 10°F. Above
10W As low as 10°F. Below
5W or 10W + 10% Kerosene Below 10°F. Below
 Normal oil pressure—lbs. at M.P.H. 40 at 30 M.P.H.
 Pressure at which relief valve opens 40 lbs.
 Capacity of oil reservoir—quarts, dry 7 refill 7
 Oil pressure gauge make King - Seeley
 Oil reservoir level gauge type Stick
 Floating type oil intake—yes or no _____
 External oil filter make Purolator
 Other type of oil cleaner Oil intake float screen
 Oil cooler make Harrison
 Chassis lubrication—Make Pressure gun fittings

FUEL

Gasoline tank—capacity 20 Gal.
 Fuel feed—
 Type—vacuum tank, electric pump, gravity vacuum
pump or camshaft pump
 Make AC Model 1539606
 Carburetor—
 Make Carter Model WGD-767S
 Number used One
 Size 1 1/2
 Type—
Up or down draft Single or dual
 Intake manifold heat control—manual, automatic or none
 Automatic choke, make Carter Model On Carb.
 Air cleaner—intake silencer make AC
 Type—dry felt; oil bath; oil coated fibre
 Heavy Duty type—Make _____ Model _____
 Muffler make Walker Mfg. Co.
 Tail pipe diameter 2"

COOLING

Water pump—
 Type Centrifugal
 Drive Fan Belt
 Is pump equipped with packing nut No
 Water circulation thermostat make Harrison
 Pressure relief valve—yes or no _____
 By-pass for recirculation—yes or no _____
 Radiator core—
 Type Fin and Tube
 Make Long Mfg.

COOLING (cont'd)

Cooling system—capacity, quarts 20
 Water jackets full length of cylinders—yes or no _____
 Water all around cylinder—yes or no _____
 Lower radiator hose—
 Inside diameter 1-3/4 Length Elbow
 Upper radiator hose—
 Inside diameter 1-3/4 Length Elbow
 Fan belt—
 Make Dayton or Goodyear
 Angle of vee 40°
 Length, outside 41.2" Width, maximum .375
 Fan—
 Make Hayes Ind. No. of Blades 4

IGNITION

Ignition units—Distributor
 Make Auto-Lite Model 1GP-45020
 Manual or octane selector, degrees advance --- retard ---
 Maximum centrifugal advance crankshaft, degrees 16
at 3200 engine R.P.M.
 Inches of Mercury Necessary to operate Vacuum Advance (Plus or
 minus 1 inch) 6
 Maximum Vacuum advance crankshaft, degrees 21
 Breaker gap .017 Breaker arm tension 19 - 23 oz.
 Cam angle 27° deg.
 Timing—Breaker points open 6 degrees crankshaft rotation
or --- inches piston travel (after or before) top center
with octane selector in the --- position.
 Timing mark location—flywheel, vibration dampener or none
 Firing order 16258374
 Amperage draw of ignition coil—
 With engine stopped ---
 With engine idling 2.75 Amps.
 Spark plug—
 Thread—10 m.m., 14 m.m. or 18 m.m.
 Make * Model *
 Gap .026 - .030
 Ignition cable make Packard Electric

BATTERY

Willard HW-2FH-120
 Make Auto-Lite Model 2FH-120
 Capacity—amperes hours 120 @ 20 hour rate
 Number of plates per cell 17
 Bench charging rate—
XXX Trickle XXX
 Which battery terminal is grounded Positive
 Location of battery Under hood - left side
 * - Auto-lite - A5
AC - 46-5
Champion - J8

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MODEL SPECIFICATIONS

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Make of Car Packard Model 400 Date _____

STARTING MOTOR

Make Auto-lite Model MCL-6114
 Normal engine cranking speed 150
 Brush spring tension 42-53 oz.
 Lock test—
 Amperage draw 875
 Volts 4
 Torque in pounds feet 25
 No load test—
 Amperage draw _____
 Volts _____ R.P.M. _____
 Type of drive—Bendix or sliding gear with overrunning clutch
 Starting device—Solenoid, manual, etc.
 Starter operation—check items required to start engine
 1. Turn on ignition X
 2. Depress starter pedal _____
 3. Depress accelerator pedal X
 4. Depress clutch pedal _____
 5. Operate button on dash _____
 6. Pull out throttle _____
 Starting motor pinion meshes front or rear _____
 No. of teeth in flywheel 158
 Face width of flywheel teeth 2 1/2
 Gear ratio between starter armature and flywheel 17.55

GENERATOR

Make Auto-lite Model GGW-6003A
 Type—third brush, shunt, etc. 2 Brush
 Brush spring tension 35 - 53 oz.
 Current regulator, voltage regulator or current and voltage control unit Full current & voltage control
 Maximum controlled charging rate
 Temperature 70° F.
 Amperes 40
 Voltage 7.4
 R.P.M. 2250
 Cutout relay—
 Voltage at closing 6.5 - 7.0
 Amperes to open, reverse current 3
 Air gap .031 - .034
 Voltage regulator—
 Volts 7.4
 Temperature 70° F.
 Air gap .048 - .052
 Current regulator—
 Amperes 39 - 41
 Temperature 70° F.
 Air gap .048 - .052
 Car speed for maximum charging rate 22.5 M.P.H.
 Ammeter or charge indicator make Own

LAMPS

Lighting switch make Douglas Mfg.
 Are tail and dash lights in series Yes
 Headlights—
 Make C. M. Hall or Auto-lite
 Location—in fender, in catwalk, or radiator shell
 Parking or fender light make C. M. Hall
 Tail and stop light make C. M. Hall
 Horn—
 Type—vibrator or motor No. used 2
 Make Sparks-Withington
 Amperage draw of each 11-13

CLUTCH

Make _____
 Drive type—
 Direct to flywheel face _____
 Through fluid flywheel _____
 Semi-centrifugal _____
 Power operated unit—make _____
 Vibration insulation or neutralizer—fabric, rubber blocks or springs
 No. of clutch driving discs _____
 No. of clutch driven discs _____
 Clutch facing—
 Material—woven or moulded asbestos, cork
 Inside diameter _____
 Outside diameter _____
 Thickness _____
 No. required _____

TRANSMISSION

Transmission—
 Make _____ Model _____
 No. of forward speeds _____
 Manual shift—yes, no _____
 Automatic or auxiliary shifting mechanism—yes X no _____
 If yes, Make Own - Ultramatic
 Type—centrifugal, vacuum, electric or hydraulic Torque Conv.
 Automatic overdrive—
 Make _____
 Oil capacity—pints _____
 Oil grade recommended—S.A.E. viscosity
 Summer _____ Winter _____
 Gear ratio in high—standard 5-passenger 4-door sedan 3.54 to 1
 Transmission ratio—
 In overdrive _____ In second _____
 In third _____ In fourth _____
 In low 1.82 to 1 In reverse 1.64 to 1

Make of Car Packard Model 400 Date _____

TRANSMISSION (cont'd)

Constant mesh gears on second _____
 Spur or helical gears—
 For second speed _____
 For first speed _____
 For reverse speed _____
 For all speeds _____
 Synchronous meshing and third gears _____
 Transmission oil—
 Capacity—pints 24
 Grade recommended—S.A.E. viscosity
 Summer * Winter *
 Universal joints—
 Make Universal Products
 Number used 2
 Type—metal with anti-friction
 bearing or metal with plain bearing Needle Bearings
 Lubricated with Pressure Gun Grease
 Drive taken through springs, torque arm, torque tube or
 radius rods _____
 Torque taken through springs, torque arm, torque
 tube or radius rods _____

REAR AXLE

Rear axle—
 Make Own Model _____
 Type—Semi, full or three-quarter floating _____
 Minimum road clearance under center of rear
 axle—tires inflated 8-21/32
 Rear axle oil—
 Capacity—pints 4
 Grade and type recommended—S.A.E. viscosity
 Summer 90 Winter 90
 Type of gearing—spiral bevel, worm, hypoid _____
 Gear ratio—standard 5-passenger 4-door sedan 3.54 to 1
 Optional gear ratios 3.9 to 1 and 4.1 to 1
 Number of teeth—
 In ring gear 39 In pinion 11
 How is pinion adjusted—screw or shims None
 How is pinion bearing adjusted—screw or shims Collapsible
 Are pinion bearings carried in sleeve No spacer and nut
 Backlash between pinion and ring gear .003 to .005

TIRES and WHEELS

Tires—
 Make Goodyear, Goodrich, Firestone or U.S.
 Size 15 x 8.00 No. of plies 4

* - Packard Ultramatic Drive Fluid

TIRES and WHEELS (Cont'd)

Inflation pressure—Front 24 Rear 24
 Rim—Diameter 15" Width 6"

SPRINGS

FRONT SPRING—

Independent or conventional suspension _____
 Type—coil, semi-elliptic, transverse, torsion _____
 Make Eaton Mfg.
 Material S.A.E. 5160 Steel
 Torsional stabilizer at front Yes
 If leaf—
 Length _____ Width _____
 Number of leaves—5-passenger, 4-door sedan _____
 Are radius rods used on axle _____
 If coil—
 Free length 17-15/16
 Length under curb weight 10-7/16

REAR SPRING—

Independent or conventional suspension _____
 Type—coil, semi-elliptic, transverse, torsion _____
 Make Spring Perch or Eaton
 Material Silico-Manganese
 Torsional stabilizer at rear Yes
 If leaf—
 Length 54-3/8 Width 2-1/2"
 Number of leaves—5-passenger, 4-door sedan 5
 Spring leaves lubricated Yes No X
 Spring cover, Yes _____ No X
 Spring shackles—
 Front—Type Rubber Make Harris Prod.
 Rear—Type Rubber Make Harris Prod.
 Spring bolts—
 Type Plain
 If coil—
 Free length _____
 Length under curb weight _____
 Rate for above _____ pounds per inch
 Shock absorbers—
 Make Delco or Monroe
 Type, one way with lever, two way with lever, or direct acting
 Front Direct Acting
 Rear Direct Acting
 Fluid capacity (oz.)—front _____ rear _____

Make of Car... Packard Model... 400 Date...

STEERING

Steering gear—
 Type... Worm and 3 Tooth Roller
 Make... Gemmer Model... ---
 Ratio... 22.3
 Lubricant recommended... S.A.E. 90
 Steering wheel diameter... 18
 Drag link longitudinal or transverse
 Tie rod—one or two... 2
 Is intermediate steering arm used... No
 Number of turns of steering wheel for full left
 to right swing of wheels... 4-3/4
 Car turning radius—fast right, left or both... 22 1/2
 Caster—degrees... -2 to -1 1/2
 Camber—degrees or... inches... -1 to + 1/4
 Toe-in—inches... 0 to 1/16
 Crosswise inclination of kingpin—degrees... 5° - 50
 Front axle—
 Make... --- Model... ---
 Section type—I-beams, tubular or none... ---
 End type—Elliott or reverse Elliott
 Minimum road clearance—tires inflated...

BRAKES

Foot brakes—
 Make... Bendix
 Type of mechanism, hydraulic or mechanical
 If vacuum booster is standard, state make... ---
 Brake lining moulded, semi-moulded or woven—
 Primary shoe... Marshall 4112
 Secondary shoe... Marshall 9051
 Drum—
 Material... Centrifuse Diameter... 12"
 Lining—
 Length per wheel... 24 1/2

BRAKES (cont'd)

Front 2 1/4"
 Width... Rear 2" Thickness... 3/16
 Clearance—toe... .010 heel... .010
 Total foot braking area... 208 1/2 sq. in.
 Percent braking power on rear wheels... 40%
 Hand lever operates on—transmission, separate rear brakes, rear serv-
ice brakes or all four service brakes
 Hand brake, if separate from service brake—
 Internal or external... ---
 Drum diameter... ---
 Lining—
 Length per drum... ---
 Width... --- Thickness... ---
 Clearance... ---

FRAME and OTHER GENERAL DATA

Frame—
 Depth—maximum... 6"
 Thickness—maximum... 9/64
 Flange width—maximum... 2-9/32
 Wheelbase... 127
 Tread—
 Front... 60
 Rear... 61-7/32
 Weight of standard 5-passenger, four-door sedan—
 Shipping... 4180
 Curb... 4350
 Price of standard 5-passenger, 4-door sedan... \$3495.00
 First serial number, this series... ---
 Serial number location... Left front door Post
 Overall length of car—
 With bumpers and bumper guards... 217-3/4
 Overall width of car... 78-1/8
 Overall height, road to roof with load... 62-29/32

Make of Car Packard Model 400 Date _____

NOTE—In giving bearing dimensions, kindly use the following order: inside diameter, outside diameter and width. Where cup and cone bearings are used, give both cup and cone numbers.

BEARINGS

Water pump bearing—
 Make or type Sealed Double Row Ball
 Size or number MRC-5200 FFS-18

Fan bearing—
 Make or type See Water Pump
 Size or number _____

Starting motor commutator end bearing—
 Make or type Oil Impregnated Bushing
 Size or number _____

Starting motor drive end bearing—
 Make or type Oil Impregnated Bushing
 Size or number _____

Starting motor outboard bearing—
 Make or type Oil Impregnated Bushing
 Size or number _____

Generator commutator end bearing—
 Make or type Oil Impregnated Bushing
 Size or number _____

Generator drive end bearing—
 Make or type Ball
 Size or number _____

Transmission main drive gear front pilot bearing—
 Make or type _____
 Size or number _____

Clutch throwout bearing—
 Make or type _____
 Size or number _____

Transmission main drive gear rear bearing—
 Make or type _____
 Size or number _____

Transmission main shaft front pilot bearing—
 Make or type _____
 Size or number _____

Transmission main shaft rear bearing—
 Make or type _____
 Size or number _____

Transmission countershaft front bearing—
 Make or type _____
 Size or number _____

Transmission countershaft rear bearing—
 Make or type _____
 Size or number _____

Transmission reverse idler bearing—
 Make or type _____

BEARINGS (cont'd)

Size or number _____

Overdrive shaft rear bearing—
 Make or type _____
 Size or number _____

Overdrive shaft pilot bearing—
 Make or type _____
 Size or number _____

Main shaft extension bearing—
 Make or type _____
 Size or number _____

Rear axle pinion shaft front bearing—
 Make or type Timken or Bower
 Size or number 31590 - 31520

Rear axle pinion shaft rear bearing—
 Make or type Timken or Bower
 Size or number 3877 - 3820A

Differential right bearing—
 Make or type Timken or Bower
 Size or number 25580 - 25520

Differential left bearing—
 Make or type Timken or Bower
 Size or number 25580 - 25520

Rear wheel inner bearing—
 Make or type _____
 Size or number _____

Rear wheel outer bearing—
 Make or type Timken or Bower
 Size or number 25877 - 25821

Front wheel inner bearing—
 Make or type Timken or Bower
 Size or number 14130 - 14276

Front wheel outer bearing—
 Make or type Timken or Bower
 Size or number 12580 - 12520

Kingpin upper bearing—
 Make or type Torrington
 Size or number NB-17

Kingpin lower bearing—
 Make or type Steel Backed Bronze
 Size or number 7/8 x 1-3/16 x 1-3/16

Kingpin thrust bearing—
 Make or type Hoover
 Size or number 3003A

Make of Car **Packard** Model **400**

Date

NOTE: (1) List only that equipment which is included in the factory delivered price. Special equipment which is fitted, but not included in the factory delivered price should be listed with its additional price.

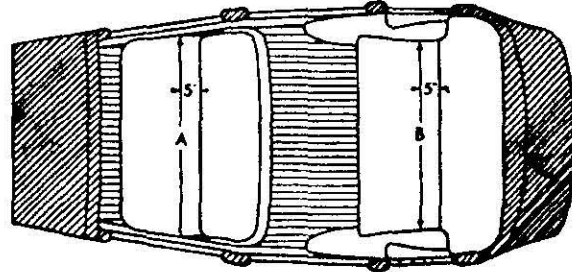
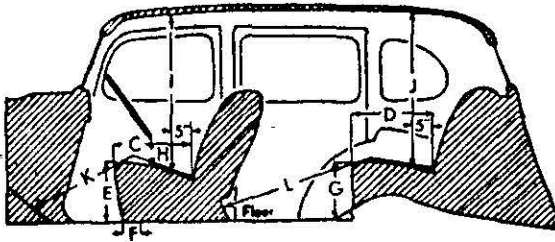
(2) Enter on top line your own model name, or series mark corresponding to Standard, DeLuxe or Custom.

EQUIPMENT	Models		
	Standard	DeLuxe	Custom
Catalog Designation of Model	400		
Lacquer make	Yes		
Body finish, <u>lacquer or synthetic enamel</u>	Yes		
Fender finish, <u>lacquer or synthetic enamel</u>	Yes		
Hardware make	Yes		
Speedometer make	Yes		
Gasoline gauge make	Yes		
Thermometer make	Yes		
Car lock make	Yes		
Car lock operates on <u>ignition or ignition and steering</u>	Yes		
Clock make	Yes		
Cigar lighter make	Yes		
Safety glass make	Yes		
Safety glass type, <u>laminated or tempered</u>			
In windshield	Yes		
In side windows	Yes		
In rear window	Yes		
Bumper make	Yes		
Bumper guard make	Yes		
Car heater make	**		
Direction signal make	Yes		
Front—yes or no	Yes		
Rear—yes or no	Yes		
No. of tail lights included	2		
No. of visors included	2		
No. of horns included	2		
No. of windshield wipers included	2		
No. of spare tires included	1		

** - Heater cost \$75.00 extra.

Make of Car. Packard Model 400 Date

BODY DIMENSIONS (Five-Passenger, Four-Door Sedan)



INTERIOR

All interior body dimensions taken with front seat in its rear position

Width of front seat cushion, measured 5 inches from back (A)	62-3/4
Width of rear seat cushion, measured 5 inches from back (B)	62
Depth of front seat cushion (C)	18-1/2
Depth of rear seat cushion (D)	19
Height of front seat cushion measured 12 1/2 inches from center line of body (E)	14
Front seat horizontal adjustment, inches (F)	4-1/2
Front seat vertical adjustment, inches	1
Height of rear cushion measured 12 1/2 inches from center line of body (G)	13-27/32
Vertical distance steering wheel and seat cushion (H)	5-1/8
Head room at front seat, measured 5 inches from back (I)	36
Head room at rear seat, measured 5 inches from back (J)	35-3/16
Leg room in front seat, measured from 6 inches up on toe board, following contour of seat cushion (K)	43-13/16
Leg room in rear seat, measured from center of foot rest, following contour of seat cushion (L)	46-1/2
Trunk capacity, cubic feet	30.53
Width of left front pillar on diagonal with door closed	3-1/2

Make of Car

Packard

Model

007

. Date

BODY DETAIL AND EQUIPMENT FORMS

DIRECTIONS

Only standard equipment included in the Factory Delivered price shown in column 3 should be listed on this sheet. Please arrange body types in an ascending price scale with the lowest priced type at the top and the highest priced type at the bottom.

IMPORTANT—To save your time, where an item is common to several types, use arrows to indicate the fact as shown in diagrams.

Standard abbreviations may be used where space limitations make this necessary. Where sub-headings such as those shown in column for Body Make are identified with numerals, these numerals may be used in filling in form.

Make	Body Model	Body Make
Crescent 6-68	Roadster	Fisher
↓	Phantom	↓
	Two-door sedan	Murray
	Four-door sedan	↓
	Coupe	Fisher
	Coupe with rumble	↓
	Cabriolet	Buick
Crescent 6-69	Roadster	↓
↓	Phantom	Fleetwood
	Two-door sedan	LeBaron
	Four-door sedan	
	Coupe	
	Coupe with rumble	
	Cabriolet	
	Limousine	
	Landaulet	

[illegible]

SEATING ARRANGEMENT NUMBERS

- 1-Two-door car with no rear seat.
- 2-Two-door car with rumble seat.
- 3-Two-door car with conventional rear cushion.
- 4-Four-door car with cushions front and rear.
- 5-Four-door car with cushions front and rear plus two auxiliary seats folding into rear.
- 6-Two-door car with two opera seats folding into sides of body.
- 7-Two-door car with two opera seats folding into rear of body.
- 8-Two-door car with one opera seat folding into rear of body and other seat stationary.
- 9-Two-door car with rear stationary seat for