

# Automobile Manufacturers Association

## Consolidated Specification Questionnaire

### For 1941 Models

### Mechanical Details

Make of Car ..... Pontiac ..... Model ... Deluxe Torpedo Eight. (1941-27).....

Name of Maker .. Pontiac Motor Division ..... Address ..... Pontiac, Michigan.....

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.**

#### PERFORMANCE

Car Weight per cubic inch piston displacement .....

Horsepower per cubic inch .....

Car Weight per horsepower .....

(A) Engine Revolutions per mile Direct .....

Overdrive .....

(B) Piston Displacement per mile=A x Piston displacement.....

Direct .....

Overdrive .....

Piston Displacement per mile per pound =  $\frac{B}{\text{Car Weight}}$  .....

Direct .....

Overdrive .....

Car Weight per square inch of brake lining area.....

(NOTE: Car Weight, for performance figure, is *shipping weight for five-passenger, four-door sedan, plus 500 pounds for liquids and passengers.*)

#### ENGINE

No. of cylinders ..... 8.....

Valve arrangement ..... "L" Head.....

Bore ..... 3 1/4" ..... Stroke... 3 3/4".....

Cylinder head, cast iron or aluminum ..... Cast iron.....

Piston displacement ..... 248.9 cu.in.....

Taxable horsepower ..... 33.8.....

Maximum brake horsepower at R.P.M. ... 103. at 3500.....

Maximum torque (lbs.-ft.) at R.P.M. ... 190. at 3200.....

Compression Ratio—

Standard ..... 6.5 ..... Optional ... 7.5.....

Standard compression pressure—pounds—

At cranking speed ..... 155.....

At what R.P.M. .... 1000.....

#### PISTONS and RINGS

Piston

Make ..... Own.....

Material ..... Chrome Nickel Alloy.....

#### PISTONS and RINGS (cont'd)

Features—split skirt, invar strut, oval, tin-plated, aluminum oxide finish, auto-thermic, V-Bridge, etc. Tin-plated.....

Weight—ounces—without rings, pin or bushing 24.5/8.....

Length ..... 3.19/32".....

Clearance—

Top land ..... 0.0175" ..... to ..... 0.0295".....

Skirt ..... 0.002" ..... to .....

Piston ring groove depth—

Oil ..... 1.89" ..... Compression ..... 1.67".....

No. of oil rings used per piston ..... 1.....

Width of oil rings ..... 3/16".....

Width of oil ring gap ..... 0.007" ..... to ..... 0.017".....

No. of compression rings used per piston ..... 2.....

Width of compression rings ..... 3/32".....

Width of compression ring gap ..... 0.009" ..... to ..... 0.014".....

Maximum wall thickness of oil rings ..... 1.50".....

Maximum wall thickness of compression rings ..... 1.50".....

#### RODS and PINS

Wristpin— 494998

Material Steel GM. #X-1315A. (Fine Grain).....

Length ... 2.7/8" ..... Diameter ... 15/16".....

Locked in rod, piston or floating Piston.....

Clearance in piston Press. fit to 200 to 300 lbs.....

Clearance in rod ..... 0.003" ..... to ..... 0.005".....

Hole finish—~~turned~~ diamond bored, broached on ground.....

Connecting rod— 499628

Length—center to center ..... 7.9/16".....

Material ..... Drop Forged Steel.....

Weight—ounces ..... 1.98 lbs.....

Crankpin journal—

Diameter ..... 2" ..... Length ..... 1.1/16".....

Lower bearing— 505556

Material Steel Backed White Bearing Metal Alloy.....

Clearance ..... 0.001" ..... to ..... 0.002".....

End play ..... 0.007" ..... to ..... 0.012".....

Shim—solid, laminated or none ..... None.....

Spun or separate ..... Separate.....

Rods and pistons removed from above or below..... Above.....

Make of Car ..... Model ..... Date .....

**CRANKSHAFT**

Material *D. A. F. Steel (GMC #1045)*.....  
 Vibration dampener used—*yes or no*..... *Yes*  
 Type *Harmonic Balancer*.....  
 Crankshaft counterweights used, number of..... *8*  
 Which main bearing takes thrust..... *Rear Center*  
 Crankshaft end play *.003" to .008"*.....  
 Main bearing— *505550*  
 Type: Cast-in or..... Slip-in..... *Yes*  
 If slip-in: Removable from below..... *Yes*  
 Necessary to align ream..... *No*  
 Material *Steel Backed White Bearing Metal Alloy*  
 Clearance..... *.0003" to .0023"*  
 Shim—*solid, laminated or none*..... *None*  
 Main bearing journal diameter x length—  
 No. 1..... *2 3/8" x 1 1/4"*  
 No. 2..... *2 13/32" x 1 3/16"*  
 No. 3..... *2 7/16" x 1 7/16"*  
 No. 4..... *2 15/32" x 1 3/16"*  
 No. 5..... *2 1/2" x 1 7/8"*  
 No. 6.....  
 No. 7.....  
 No. 8.....  
 No. 9.....  
 Crankshaft gear or sprocket—  
 Make..... *Own*  
 Material..... *Hardened Steel*

**CAMSHAFT**

Camshaft gear or sprocket—  
 Make..... *Own*  
 Material..... *Chrome-Nickel Alloy-Hardened*  
 Timing chain—  
 Make..... *Morse*  
 Number of links..... *56*  
 Width..... *3/4"*  
 Pitch..... *3/8"*  
 Adjustment—*none, automatic or manual*..... *None*

**VALVES**

INTAKE VALVE— *499608*  
 Make..... *Own*  
 Material..... *Silicon Chromium*  
 Overall length..... *5.17/32"*  
 Actual overall diameter of head..... *1.15/32"*  
 Angle of seat..... *30°*  
 Is valve seat an insert?..... *No*  
 Stem diameter..... *5/16"*  
 Stem to guide clearance *Free fit to .0006" MAX*

**VALVES (cont'd)**

Lift..... *19/64"*  
 Spring pressure and length— *499618*  
 Outer—  
 With valve closed—*lb.*..... *59 1/2*..... *ins.*..... *1.29/32*  
 With valve open—*lb.*..... *101*..... *ins.*..... *1.19/32*  
 Length out of engine—*ins.*.....  
 Inner— *None*  
 With valve closed—*lb.*..... *ins.*.....  
 With valve open—*lb.*..... *ins.*.....  
 Length out of engine—*ins.*.....

**EXHAUST VALVE—499609**

Make..... *Own*  
 Material..... *Chrome-Nickel-Silicon*  
 Overall length..... *5.17/32"*  
 Actual overall diameter of head..... *1.11/32"*  
 Angle of seat..... *45°*  
 Is valve seat an insert?..... *No*..... Material.....  
 Stem diameter..... *5/16"*  
 Stem to guide clearance..... *Free fit to .0006" MAX*  
 Lift..... *19/64"*  
 Spring pressure and length—*499618*  
 Outer—  
 With valve closed—*lb.*..... *59 1/2*..... *ins.*..... *1.29/32*  
 With valve open—*lb.*..... *101*..... *ins.*..... *1.19/32*  
 Length out of engine—*ins.*.....  
 Inner— *None*  
 With valve closed—*lb.*..... *ins.*.....  
 With valve open—*lb.*..... *ins.*.....  
 Length out of engine—*ins.*.....  
 Operating tappet clearance (hot or cold)—*intake*..... *and running*..... *.011" to .013"*  
 Tappet clearance for valve timing—*intake*..... *.015"*  
 Operating tappet clearance (hot or cold)—*exhaust*..... *and running*..... *.011" to .013"*  
 Tappet clearance for valve timing—*exhaust*..... *.015"*  
 Hydraulic valve lifters—*yes or no*..... *No*  
 Valve timing—  
 Intake opens..... *5*..... *degrees* *BUDC piston travel*..... *inches*  
 Intake closes..... *39*..... " *ALDC* " "..... *inches*  
 Exhaust opens..... *45*..... " *BLDC* " "..... *inches*  
 Exhaust closes..... *5*..... " *AUDC* " "..... *inches*  
 Valve Timing Marks on Flywheel, Vibration Damper, Non-flywheel

**LUBRICATION**

Lubricating system type—*pressure or splash*..... *Pressure*  
 Oil pressure to—  
 Main bearings—*yes or no*..... *Yes*  
 Connecting rods—*yes or no*..... *Yes*

Make of Car ..... Model ..... Date .....

**LUBRICATION (cont'd)**

Wristpins—yes or no ..... Yes .....  
 Camshaft bearings—yes or no ..... Yes .....  
 Timing gear or chain lubrication—positive or splash. Positive .....  
 Oil pump type ..... Gear .....  
 Oil grade recommended—SAE viscosity and temperature range—  
 10. W. + 10% Karasene ..... -30°F. to +20°F. ....  
 10. W. .... -10°F. to +70°F. ....  
 20. W. .... 10°F. to 110°F. ....  
 20. .... 32°F. to 110°F. ....  
 Normal oil pressure—lbs. at M.P.H. .... 35-40 #. Above 40. MPH  
 Pressure at which relief valve opens ..... 40 lbs. ....  
 Capacity of oil reservoir—quarts, dry ..... 6 ..... refill ..... 2 .....  
 Oil pressure gauge make ..... AC .....  
 Oil reservoir level gauge type ..... Rod .....  
 Floating type oil intake—yes or no ..... No .....  
 External oil filter make ..... Accessory - AC .....  
 Oil cooler make .....  
 Chassis lubrication—Make .....

**FUEL**

Gasoline tank—capacity ..... 17. gals. ....  
 Fuel feed—  
 Type—vacuum tank, electric pump, gravity vacuum  
 pump or camshaft pump ..... Camshaft Pump .....  
 Make ..... AC ..... Model AH. Inverted .....  
 Carburetor— 504594  
 Make ..... Carter ..... Model ..... WDO-468SM .....  
 Size ..... 1 1/2" nominal .....  
 Type—  
 Up or down draft ..... down ..... Single or dual. dual .....  
 Intake manifold heat control—manual, automatic or none.thermostatic  
 Automatic chokes, make ..... Carter ..... Model .....  
 Air cleaner—intake silencer make ..... AC .....  
 Heavy Duty type—Make ..... AC ..... Model .....  
 Muffler make ..... Various .....  
 Tail pipe diameter ..... 1 3/4" .....

**COOLING**

Water pump—  
 Type ..... Centrifugal .....  
 Drive ..... "V" Belt .....  
 Is pump equipped with packing nut ..... No .....  
 Water circulation thermostat make ..... Harrison .....  
 Pressure relief valve ..... yes or no ..... yes .....  
 By-pass for recirculation—yes or no ..... yes .....  
 Radiator shutter—Make ..... none .....

**COOLING (cont'd)**

Radiator core—  
 Type ..... Cellular .....  
 Make ..... Harrison .....  
 Cooling system—capacity, quarts ..... 19 1/2 .....  
 Water jackets full length of cylinders—yes or no ..... yes .....  
 Water all around cylinder—yes or no ..... yes .....  
 Lower radiator hose—  
 Inside diameter ..... 1 1/2" ..... Length ..... 13 1/8" .....  
 Upper radiator hose—  
 Inside diameter ..... 1 3/4" ..... Length ..... 8 1/2" .....  
 Fan belt—500064  
 Make ..... Various .....  
 Angle of vee ..... 32° .....  
 Length, outside ..... 48 1/4" ..... Width, maximum ..... 3/4" .....  
 Fan—  
 Make ..... Own ..... No. of Blades ..... 4 .....

**IGNITION**

Ignition unit—1110804  
 Make ..... Delco Remy ..... Model 1110804 .....  
 Manual or octane selector, degrees advance ..... 10° retard 10° .....  
 Maximum automatic advance crankshaft, degrees ..... 28° .....  
 at ..... 4000. engine R.P.M. ....  
 Inches of Vacuum Necessary to operate ..... 7. to 9. ....  
 Vacuum Advance (Plus or minus 1 inch) ..... 14.5. to 17.5 .....  
 Maximum Vacuum advance crankshaft, degrees ..... 18. to 22. ....  
 Breaker gap ..... .015" ..... Breaker arm tension ..... 19. to 23. or .....  
 Cam angle ..... 31° .....  
 Timing—Breaker points open ..... 2°-6° ..... degrees crankshaft rotation  
 or ..... inches piston travel (after or before) top center  
 with octane selector in the ..... ZERO ..... position. ....  
 Timing mark location—flywheel, vibration dampener or none. flywheel  
 Firing order ..... 1-8-2-5-8-3-7-4 .....  
 Amperage draw of ignition coil—  
 With engine stopped .....  
 With engine idling .....  
 Ignition lock make ..... Delco Remy .....  
 Spark plug—  
 Thread—10 m.m., 14 m.m. or 18 m.m. .... 14 m.m. ....  
 Make ..... AC ..... Model ..... 45 .....  
 Gap ..... .023" - .028" .....  
 Ignition cable make ..... Packard .....

**BATTERY**

Make ..... Delco ..... Model ..... 15EZ-W .....  
 Capacity—ampere hours ..... 100 ..... @ 20 hour rate .....  
 Number of plates per cell ..... 15 .....  
 Bench charging rate—  
 Start ..... Finish .....  
 Which battery terminal is grounded ..... Negative .....  
 Location of battery ..... Under Hood .....





Make of Car ..... Model ..... Date .....

**TRANSMISSION (Cont'd)**

Transmission ratio—  
 In overdrive ..... In second .. 1.66 to 1 .....  
 In low ... 2.67 to 1 ..... In reverse ... 3.02 to 1 .....  
 Constant mesh gears on second ..... Yes .....  
 Spur or helical gears—  
 For second speed ..... Helical .....  
 For first speed ..... Helical .....  
 For reverse speed ..... Helical .....  
 Synchronous meshing second and third gears ..... Yes .....  
 Transmission oil—  
 Capacity—*pints* ..... 1 3/4 .....  
 Grade recommended—*S.A.E. viscosity*  
 Summer ... SAE 140 ... Winter ... SAE 90 .....  
 Universal joints—  
 Make .. Saginaw and Mechanics (Two sources) .....  
 Number used ..... 2 .....  
 Type—*metal with anti-friction*  
*bearing or metal with plain bearing* .. Roller Bearing .....  
 Lubricated with ..... Lubricated for life .....  
 Drive taken through springs, torque arm, torque tube or  
 radius rods ..... Springs .....  
 Torque taken through springs, torque arm, torque  
 tube or radius rods ..... Springs .....

**REAR AXLE**

Rear axle—  
 Make ..... Own ..... Model .....  
 Type—*semi, full or three-quarter floating* ..... Semi .....  
 Minimum road clearance under center of rear  
 axle—*tires inflated* ..... 8 1/8" .....  
 Rear axle oil—  
 Capacity—*pints* ..... 3 1/4 .....  
 Grade and type recommended—*S.A.E. viscosity*  
 Summer Hypoid 140 ..... Winter Hypoid 90 .....  
 Type of gearing—*spiral bevel, worm, hypoid* ..... Hypoid .....  
 Gear ratio—*standard 5-passenger 4-door sedan* ..... 4.1 .....  
 Optional gear ratios. Economy 3.9 - Mountain 4.55 .....  
 Number of teeth—  
 In ring gear ..... 41 ..... In pinion ..... 10 .....  
 How is pinion adjusted—*screw or shims* ..... Shims .....  
 How is pinion bearing adjusted—*screw or shims* ..... Shims .....  
 Are pinion bearings carried in sleeve ..... No .....  
 Backlash between pinion and ring gear. .006" ..... to ..... .012" .....  
 Are pinion bearings preloaded ..... Yes - Front .....  
 How is pinion bearing preload obtained ..... Internally .....  
 Are differential bearings preloaded ..... Yes .....  
 How is differential bearing preload obtained ..... Adjusting Nuts .....

**TIRES and WHEELS**

Tires—  
 Make ... Firestone, Goodrich, U.S.A. ....  
 Size . 8.00 x 16 ..... No. of plies ... 4 .....  
 Inflation pressure—Front .. 28 ..... Rear .. 28 .....  
 Rim—Diameter . 16" ..... Width . 4 1/2" .....  
 Wheels—  
 Type ..... Steel .....  
 Make Kelsey-Hayes-Motor Wheel .....

**SPRINGS**

**FRONT SPRING— 505944**

Independent or conventional suspension Independent .....  
 Type—*coil, semi-elliptic or transverse* .. Coil .....  
 Make ..... Own .....  
 Material ... GM .v. 9260 M .....  
 Torsional stabilizer at front .. Yes .....  
 If leaf—  
 Length ..... Width .....  
 Number of leaves—5-passenger, 4-door sedan .....  
 Are radius rods used on axle .....  
 Shackled front or rear .....  
 If coil—  
 Free length ... 15 3/16" .....  
 Length under curb weight ..... 10" .....  
 Rate for above ..... 290 ..... pounds per inch

**REAR SPRING— 505604**

Independent or conventional suspension Variable Rate .....  
 Type—*coil, semi-elliptic or transverse* ... Semi-Elliptic .....  
 Make .....  
 Material . Silico or Chrome Manganese .....  
 Torsional stabilizer at rear ..... None .....  
 If leaf—  
 Length ..... 52" ..... Width ..... 2" .....  
 Number of leaves—5-passenger, 4-door sedan ..... 8 .....  
 Spring leaves lubricated with Graphite Grease .....  
 Spring cover make ..... Metal .....  
 Spring shackles—  
 Front—Type ..... None ..... Make .....  
 Rear—Type Compression Metal Make ..... Own .....  
 Spring bolts—  
 Type ... Threaded .....  
 If coil—  
 Free length .....  
 Length under curb weight .....

Make of Car ..... Model ..... Date .....

**SPRINGS (cont'd)**

Rate for above ..... pounds per inch  
 Shock absorbers—  
 Make ..... Delco Lovejoy .....  
 Type, one way with lever, two way with lever, or direct acting  
 Front ..... Double Acting .....  
 Rear ..... Two-way Direct Acting .....  
 Fluid capacity—front ..... 125 C.C. rear ..... 6.7/8 ounces  
 5352332 ..... 5352430

**STEERING**

Steering gear— 266846  
 Type ..... Worm and Roller .....  
 Make ..... Seginaw ..... Model 420 - D - 131 .....  
 Ratio ..... 19 to 1 .....  
 Lubricant recommended ..... SSG #08 .....  
 Steering wheel diameter ..... 18" .....  
 Drag link longitudinal or transverse ..... transverse .....  
 Tie rod—one or two ..... two .....  
 Is intermediate steering arm used ..... No .....  
 Number of turns of steering wheel for full left  
 to right swing of wheels ..... 4. 1/2 .....  
 Car turning radius—feet—right, left or both ..... 38' 7" .....  
 Caster—degrees ..... Neg. 1/8 ..... to ..... 1° Neg. ....  
 Camber—degrees or 0° ..... inches ..... to .....  
 Toe-in— inches ..... 0 ..... to ..... 1/16" .....  
 Crosswise inclination of kingpin—degrees ..... 4.5/8° .....  
 Front axle—  
 Make ..... None ..... Model .....  
 Section type—I-beams, tubular or none .....  
 End type—Elliott or reverse Elliott .....  
 Minimum road clearance—tires inflated ..... 8. 11/16" .....

**BRAKES**

Foot brakes—  
 Make ..... Bendix Duo-Servo .....  
 Type of mechanism, hydraulic or mechanical ..... Hydraulic .....  
 If vacuum booster is standard, state make .....  
 Brake lining moulded, semi-moulded or woven—  
 Primary shoe ..... Moulded .....  
 Secondary shoe ..... Moulded .....

**BRAKES (cont'd)**

Drum—  
 Material ..... Chrome Nickel Diameter ..... 11" .....  
 Lining—  
 Length per wheel ..... 21 5/16" .....  
 Width ..... 1 3/4" ..... Thickness ..... 3/16" .....  
 Clearance—toe ..... .015 ..... heel ..... .015 .....  
 Total foot braking area ..... 149 sq.in. ....  
 Percent braking power on rear wheels ..... 47% .....  
 Hand lever operates on—transmission, separate rear brakes, rear service brakes or all four service brakes.Rear Service ...  
 Hand brake, if separate from service brake—  
 Internal or external .....  
 Drum diameter .....  
 Lining—  
 Length per drum .....  
 Width ..... Thickness .....  
 Clearance .....

**FRAME**

Frame—  
 Depth—maximum ..... 6. 1/8" .....  
 Thickness—maximum ..... 7/64" .....  
 Flange width—maximum ..... 2. 1/2" .....  
 Wheelbase ..... 119" .....  
 Tread—  
 Front ..... 58" .....  
 Rear ..... 61. 1/2" .....  
 Weight of standard 5-passenger four-door sedan—  
 Shipping .....  
 Curb .....  
 Price of standard 5-passenger, 4-door sedan .....  
 First serial number, this series ..... P8JA - 1001 .....  
 Serial number location Front of Dash L. H. ....  
 ..... Side under hood .....  
 Overall length of car—  
 With bumpers and bumper guards ..... 201. 1/8" .....

Make of Car ..... Model ..... 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 ..... New Departure .....  
 Size or number ..... 954210 .....

Fan bearing—  
 Make or type .....  
 Size or number .....

Starting motor commutator end bearing—  
 Make or type ..... Cast Iron .....  
 Size or number ..... 5625 I.D. x 31/32" .....

Starting motor drive end bearing—  
 Make or type Oilless .....  
 Size or number ..... 500 x 562 x 25/32" .....

Starting motor outboard bearing—  
 Make or type ..... None .....  
 Size or number .....

Generator commutator end bearing—  
 Make or type ..... Durex .....  
 Size or number ..... 812823 .....

Generator drive end bearing—  
 Make or type ..... New Departure Ball .....  
 Size or number ..... 903203 .....

Super-charger—  
 Make or type ..... None .....  
 Size or number .....

Clutch throwout bearing—  
 Make or type ..... Graphite Ring .....  
 Size or number ..... 1 1/8" x 2 3/8" x 3/4" .....

Transmission main drive gear front pilot bearing—  
 Make or type ..... New Departure Ball .....  
 Size or number ..... 954144 .....

Transmission main drive gear rear bearing—  
 Make or type ..... New Departure Ball .....  
 Size or number ..... 907506 .....

Transmission reverse idler bearing—  
 Make or type ..... Bronze .....  
 Size or number ..... 850" x 987" x 3/4" .....

Transmission main shaft front pilot bearing—  
 Make or type ..... Hyatt Roller .....  
 Size or number ..... 1294780 .....

Transmission main shaft rear bearing—  
 Make or type ..... New Departure Ball .....  
 Size or number ..... 907506 .....

Transmission countershaft front bearing—  
 Make or type ..... Roller Bearing .....  
 Size or number ..... 1302154 .....

Transmission countershaft rear bearing—  
 Make or type ..... Roller Bearing .....  
 Size or number ..... 1302154 .....

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

**BEARINGS (cont'd)**

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 ..... New Departure Ball .....  
 Size or number ..... 905306 .....

Rear axle pinion shaft rear bearing—  
 Make or type ..... Hyatt Roller .....  
 Size or number ..... 107391 .....

Differential right bearing—  
 Make or type ..... Hyatt Roller .....  
 Size or number ..... 179243 .....

Differential left bearing—  
 Make or type ..... Hyatt Roller .....  
 Size or number ..... 179243 .....

Rear wheel ~~inner~~ bearing—  
 Make or type ..... New Departure .....  
 Size or number ..... 954172 .....

Rear wheel outer bearing—  
 Make or type .....  
 Size or number .....

Front wheel inner bearing—  
 Make or type ..... New Departure .....  
 Size or number ..... 909002 .....

Front wheel outer bearing—  
 Make or type ..... New Departure .....  
 Size or number ..... 909052 .....

Kingpin upper bearing—  
 Make or type ..... Bronze .....  
 Size or number ..... 863" x 1.054" x 1 1/4" .....

Kingpin lower bearing—  
 Make or type ..... Bronze .....  
 Size or number ..... 863" x 1.054" x 1 1/4" .....

Kingpin thrust bearing—  
 Make or type ..... Ball Bearing .....  
 Size or number ..... 230679 .....

Front spring—Bolt—  
 Bushing size .....  
 Bushing type .....

Shackles—  
 Upper end .....  
 Lower end .....

Rear spring—Bolt—  
 Bushing size .....  
 Bushing type ..... Threaded .....

Shackles—  
 Upper end ..... Threaded pin .....  
 Lower end ..... Threaded pin .....

Make of Car ..... Model ..... 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.

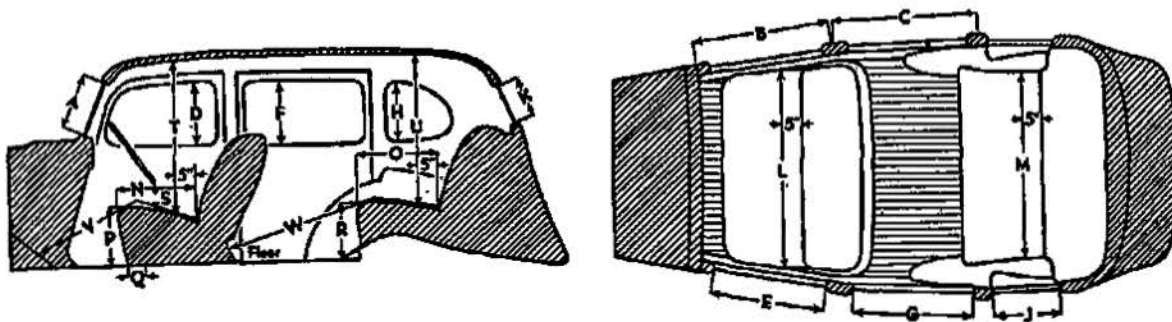
EQUIPMENT	Models		
	Standard	DeLuxe	Custom
Catalog Designation of Model.....	Deluxe Torpedo	Eight	
Lacquer make .....	Duco		
Body finish, lacquer or synthetic enamel .....	Lacquer		
Fender finish, lacquer or synthetic enamel.....	"		
Hardware make .....	Tarnstart		
Speedometer make .....	AC		
Gasoline gauge make .....	AC		
Thermometer make .....	AC		
Car lock make .....	Briggs Stratton		
Car lock operates on ignition or ignition and steering .....	Ignition		
Clock make ..... <i>mechanical or electrical</i> .....	Jaeger		
Cigar lighter make .....	Casco		
Safety glass make .....	Libby-Owen-Ford		
Safety glass type, laminated or tempered.....	Laminated		
In windshield .....	"		
In side windows .....	"		
In rear window .....	Tempered		
Bumper make .....	Eaton Mfg. Co.	Gen. Spring & Bumper	
Bumper guard make .....	" "	" "	" "
Car heater make ..... Type U.S. ....	Harrison		
Direction signal make .....	Guide Lamp		
Front—yes or no... <b>YES</b> .. Rear—yes or no... <b>YES</b> ..			
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		



(1941-27)

Make of Car ..... Pontiac ..... Model Deluxe Torpedo Eight ..... Date .....

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



**EXTERIOR**

Overall height, road to roof with no load .....	67. 3/4.....
Minimum height of floor in front compartment, no load .....	14. 1/4.....
Minimum height of floor in rear compartment, no load .....	15. 11/16....
Distance between hinge centers, front door.....	18. 7/8.....
Distance between hinge centers, rear door.....	12. 9/16.....
Windshield opening height (A) .....	15. 3/16.....
Windshield opening width, to center strip if divided.....	23. 1/8.....
Width of front door, at handle (B).....	33. 15/16....
Width of rear door, at handle (C) .....	28. 3/8.....
Height of front door, maximum .....	61. 7/32.....
Height of rear door, maximum .....	61. 7/32.....
Height of window opening in front door, maximum (D).....	12.....
Width of window opening in front door, maximum (E) .....	25. 1/8.....
Height of window opening in rear door, maximum (F).....	12. 3/8.....
Width of window opening in rear door, maximum (G).....	22. 1/8.....
Height of rear quarter window opening, maximum (H).....	11. 1/4.....
Width of rear quarter window opening, maximum (J) .....	19. 9/16.....
Height of rear window opening, maximum (K).....	12. 7/8.....
Width of rear window opening, maximum (if divided list each) .....	36. 1/4.....

**INTERIOR**

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

Width of front seat cushion, measured 5 inches from back (L).....	57. 1/2.....
Width of rear seat cushion, measured 5 inches from back (M).....	51.....
Depth of front seat cushion (N).....	18. 5/16.....
Depth of rear seat cushion (O).....	18. 15/16....
Height of front seat cushion (P) .....	14. 7/8.....
Front seat horizontal adjustment, inches (Q) .....	4. 3/4.....
Front seat vertical adjustment, inches .....	1/4 down
Height of rear seat cushion (R) .....	13. 5/16.....
Vertical distance between steering wheel and seat cushion (S) .....	6. 3/8.....
Head room at front seat, measured 5 inches from back (T).....	37. 1/2.....
Head room at rear seat, measured 5 inches from back (U).....	36. 3/4.....
Leg room in front seat, measured from 6 inches up on toe board (V) .....	42. 1/4.....
Leg room in rear seat, measured from center of foot rest (W).....	41. 5/8.....
Width of left front pillar on diagonal with door closed .....	4. 9/16.....

