

# Automobile Manufacturers Association

## Consolidated Specification Questionnaire

1951 PRODUCTION Models

### Mechanical Details

Make of Car.....Chrysler.....Model C-51-1 Windsor C-51-2 Windsor Deluxe  
 Chrysler Corporation  
 Name of Maker.....Chrysler Division.....Address Detroit 31, Michigan  
 Date.....12-15-50

**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 ..... 6  
 Valve arrangement ..... "L" Head  
 Bore ..... 3-7/16" Stroke 4-1/2"  
 Cylinder head, cast iron or aluminum ..... Cast Iron  
 Cylinder sleeve, Yes..... No.   
 Piston displacement ..... 250.6 cu. in.  
 Taxable horsepower ..... 28.36  
 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.....75.....)

—With Bare Engine— \*

Maximum brake hp. .... 116 ..... 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. .... 208 ..... at ..... 1600 ..... R.P.M.  
 With standard accessories,\* lb. ft. .... at ..... R.P.M.

Compression Ratio—  
 Standard 7.0 to 1 ..... Optional.....

Standard compression pressure —pounds— 120 to 150  
 At cranking speed ..... 150.....  
 At what R.P.M. ....

#### PISTONS and RINGS

Piston  
 Make ..... Own  
 Material ..... Aluminum Alloy  
 Features—  
 U-Slot, Cam ground, Tin plated

Weight—ounces—without rings, pin or bushing..... 18.5.....

Length ..... 3-7/8"

Clearance—

Top land ..... .028" ..... to ..... .033"

Skirt, top ..... 3/4" from bottom..... .0002" to ..... .0012"

\*Bare engine includes generator, water pump, carburetor air cleaner, manifolds, fuel pump, manual spark advance, and manifold heat off.

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

Piston ring groove depth—  
 Oil ..... 1/8" ..... Compression ..... 1765.....  
 No. of oil rings used per piston ..... Two.....  
 Width of oil rings ..... 5/32"  
 Width of oil ring gap ..... .007" to .015"  
 No. of compression rings used per piston ..... Two.....  
 Width of compression rings ..... 3/32"  
 Width of compression ring gap ..... .007" to .015"  
 Maximum wall thickness of oil rings ..... .150"  
 Maximum wall thickness of compression rings ..... .169"  
 Are ring expanders used, Yes..... No.

#### RODS and PINS

Wristpin—  
 Material ..... High Manganese Steel  
 Length ..... 2-7/8" ..... Diameter ..... 55/64"  
 Locked in rod, piston or floating ..... Floating  
 Clearance in piston ..... .0000" ..... to ..... +.0005"  
 Clearance in rod ..... +.0001" ..... to ..... +.0004" (selective)

Connecting rod—  
 Length—center to center ..... 7-7/8"  
 Material ..... High Manganese forging steel  
 Weight—ounces ..... 32.4 oz. (With bolts, less brgs.)

Crankpin journal—  
 Diameter ..... 2-1/8" ..... Length ..... 1-7/32"

Lower bearing—  
 Material ..... Thin babbitt on steel  
 Clearance ..... .0005" ..... to ..... .0015"  
 End play ..... .006" ..... to ..... .011"  
 Ship—solid, laminated or none ..... None  
 Spun or separate ..... Separate

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

#### CRANKSHAFT

Material ..... Drop forged steel

Weight—stripped .....

Vibration dampener used—yes or no ..... Yes

Type ..... Damped dynamic vibration absorber

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**CRANKSHAFT (cont'd)**

Crankshaft counterweights used, number of..... Nine  
Which main bearing takes thrust..... Rear  
Crankshaft end play..... .003" to .007"

**Main bearing—**

Type: Cast-in or..... Slip-in.....   
If slip-in: Removable from below..... Yes  
Necessary to align ream..... No

\* Material..... Thin babbitt on steel  
Clearance..... .0005" to .0015" (desired)  
Shim—solid, laminated or none..... None

**Main bearing journal diameter x length—**

No. 1.....	2-1/2" x 1-15/64"
No. 2.....	2-1/2" x 1-15/64"
No. 3.....	2-1/2" x 1-15/64"
No. 4.....	2-1/2" x 1-7/8"
No. 5.....	
No. 6.....	
No. 7.....	
No. 8.....	
No. 9.....	

**Crankshaft gear or sprocket—**

Make.....  
Material..... High Manganese Steel

**CAMSHAFT**

**Camshaft gear or sprocket—**

Make.....  
Material..... Cast Iron

**Timing chain—**

Make.....  
Number of links..... 48  
Width..... 1"  
Pitch..... .500"

**VALVES**

**INTAKE VALVE—**

Make.....  
Material..... Silicon - Chromium Steel  
Overall length..... 4-25/32"  
Actual overall diameter of head..... 1-23/32"  
Minimum port diameter..... 1-25/64" (effective)  
Angle of seat..... 45°  
Is valve seat an insert?..... No  
Stem diameter..... .341"  
Stem to guide clearance..... .001" to .003"  
Lift..... 3/8"  
Spring pressure and length—

**VALVES (cont'd)**

With valve closed—lb. 110 to 120 ins. 1-3/8"  
With valve open—lb. 40 to 45 ins. 1-3/4"  
Length out of engine—ins. 2"

**EXHAUST VALVE—**

Make.....  
Material..... Silicon - Chromium Steel  
Overall length..... 4-25/32"  
Actual overall diameter of head..... 1-17/32"  
Minimum port diameter..... 1-1/4" (effective)  
Angle of seat..... 45°  
Is valve seat an insert?..... Yes Material Special Alloy  
Stem diameter..... .340"  
Stem to guide clearance..... .002" to .004"  
Lift..... 3/8"  
Spring pressure and length—  
Outer—  
With valve closed—lb. 110 to 120 ins. 1-3/8"  
With valve open—lb. 40 to 45 ins. 1-3/4"  
Length out of engine—ins. 2"

Operating tappet clearance (hot or cold)—intake..... .008"  
Tappet clearance for valve timing—intake..... .014"  
Operating tappet clearance (hot or cold)—exhaust..... .010"  
Tappet clearance for valve timing—exhaust..... .014"  
Hydraulic valve lifters—yes or no..... No

**Valve timing—**

Intake opens .. 12 degrees BU DC piston travel..... inches  
Intake closes .. 44 " ALDC " " .. inches  
Exhaust opens .. 50 " BLDC " " .. inches  
Exhaust closes .. 6 " AU DC " " .. inches

Valve Timing Marks— Vibration Damper

**LUBRICATION**

Lubricating system type—pressure or splash .. Pressure  
Oil pressure to—  
Main bearings—yes or no..... Yes  
Connecting rods—yes or no..... Yes  
Wristpins—yes or no..... No  
Camshaft bearings—yes or no..... Yes  
Tappets—yes or no..... No

Make of Car.....CHRYSLER.....Model C-51-1 and C-51-2.....Date 12-15-50.....

**LUBRICATION (cont'd)**

Timing gear or chain lubrication—*positive or splash*. Positive  
 Oil pump type Rotary  
 Oil grade recommended—*SAE viscosity and temperature range—*  
 Not lower than +32° F. SAE 30  
 As low as +10° F. SAE 20W  
 As low as -10° F. SAE 10W  
 Below -10° F. SAE 5W  
 Normal oil pressure—*lbs. at M.P.H.* 40 to 50 at 20  
 Pressure at which relief valve opens 45 to 55  
 Capacity of oil reservoir—*quarts, dry refill* 5  
 Oil pressure gauge make  
 Oil reservoir level gauge type Bayonet  
 Floating type oil intake—*yes or no* Yes  
 External oil filter type Full Flow  
 Other type of oil cleaner  
 Oil cooler make  
 Chassis lubrication—Make

**FUEL**

Gasoline tank—*capacity* 17 gal.  
 Fuel feed—  
 Type—*vacuum tank, electric pump, gravity vacuum pump or camshaft pump* Camshaft pump  
 Make Model  
 Carburetor—  
 Make Ball & Ball (Carter) Model  
 Number used One  
 Size 1-1/2"  
 Type—  
 Up or down draft Down Single or dual Single  
 Intake manifold heat control—*manual, automatic or none* Automatic  
 Automatic choke, make Sisson Model  
 Air cleaner—intake silencer Yes  
 Type—*dry felt; oil bath; oil coated fibre* Oil Bath  
 Heavy Duty type—Make Model  
 Muffler make  
 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  
 Pressure relief valve—*yes or no* Yes (Pressure-vent. cap)  
 By-pass for recirculation—*yes or no* Yes  
 Radiator core—  
 Type Cellular  
 Make

**COOLING (cont'd)**

Cooling system—*capacity, quarts* 15  
 Water jackets full length of cylinders—*yes or no* Yes  
 Water all around cylinder—*yes or no* No  
 Lower radiator hose—  
 Inside diameter 1-1/2" Length Curved, Molded  
 Upper radiator hose—  
 Inside diameter 1-3/4" Length Curved, Molded  
 Fan belt—  
 Make  
 Angle of vee 36°  
 Length, outside 49" Width, Nominal 3/8"  
 Fan—  
 Make No. of Blades 4

**IGNITION**

Ignition units—  
 Make Auto-Lite Model IAT-4012  
 Manual or octane selector, *degrees advance* retard  
 Maximum centrifugal advance crankshaft, *degrees* 18° to 22°  
 at 2850 engine R.P.M.  
 Inches of Mercury Necessary to operate Vacuum Advance (Plus or minus 1 inch) 1/2° 5-1/2" to 6-1/2"  
 Maximum Vacuum advance crankshaft, *degrees* 20° at 15" hg  
 Breaker gap .020" Breaker arm tension 17 to 20 oz.  
 Cam angle 34-1/2° to 38° deg.  
 Timing—Breaker points open 2 degrees crankshaft rotation or .002 inches piston travel before) top center  
 Timing mark location—vibration dampener  
 Firing order 1-5-3-6-2-4  
 Amperage draw of ignition coil—  
 With engine stopped 5  
 With engine idling 2-25  
 Spark plug—  
 Thread—10 m.m., 14 m.m. or 18 m.m. 14 mm  
 Make Auto-Lite Model AR8  
 Gap .035"  
 Ignition cable make

**BATTERY**

Make Willard or Auto-Lite Model  
 Capacity—*ampere hours* 120 @ 20 hour rate  
 Number of plates per cell 17  
 Bench charging rate—  
 Start Finish  
 Which battery terminal is grounded Positive  
 Location of battery Under hood in left fender shield

Make of Car..... **CHRYSLER** ..... Model **C-51-1 and C-51-2** ..... Date **12-15-50**

**STARTING MOTOR**

Make **Auto-Lite** ..... Model **MCL 6109** .....  
 Normal engine cranking speed .....  
 Brush spring tension **42 to 53 oz.** .....  
 Lock test—  
     Amperage draw ..... **4.10** .....  
     Volts ..... **2** .....  
     Torque in pounds feet ..... **8** .....  
 No load test—  
     Amperage draw ..... **50 to 65** .....  
     Volts ..... **6** ..... R.P.M. **5300** .....  
 Type of drive— **sliding gear with overrunning clutch** .....  
 Starting device—**Solenoid, manual, etc.** **Solenoid** .....  
 Starter operation—check items required to start engine  
 1. Turn on ignition **Key past "Ignition on" position** .....  
 2. Depress starter pedal .....  
 3. Depress accelerator pedal .....  
 4. Depress clutch pedal .....  
 5. Operate button on dash .....  
 6. Pull out throttle .....  
 Starting motor pinion meshes front or rear ..... **Front** .....  
 No. of teeth in flywheel ..... **146** .....  
 Face width of flywheel teeth ..... **3/8"** .....  
 Gear ratio between starter armature and flywheel ..... **16, 22 to 1** .....

**GENERATOR**

Make **Auto-Lite** ..... Model **GGU 6001R** .....  
 Type—**third brush, shunt, etc.** **Shunt** .....  
 Brush spring tension **35 to 53 oz.** .....  
 Current regulator, voltage regulator or current and voltage control unit **Current and Voltage** .....  
 Maximum controlled charging rate  
     Temperature .....  
     Amperes ..... **45** .....  
     Voltage ..... **8** .....  
     R.P.M. ..... **2460 (Hot)** .....  
 Cutout relay—  
     Voltage at closing ..... **6.4 to 7.0** .....  
     Amperes to open, reverse current ..... **4 to 6** .....  
     Air gap ..... **.031" to .034"** .....  
 Voltage regulator—  
     Volts ..... **7.1 to 7.4** .....  
     Temperature ..... **70° F.** .....  
     Air gap ..... **.048" to .052"** .....  
 Current regulator—  
     Amperes ..... **40 to 51 (a)** .....  
     Temperature .....  
     Air gap ..... **.048" to .052"** .....  
 Car speed for maximum charging rate **25 mph (Approx)** .....  
 Ammeter or charge indicator make .....

**LAMPS**

Lighting switch make .....  
 Are tail and dash lights in series ..... **No** .....  
 Headlights—  
     Make .....  
     Location—**in fender, in catwalk, or radiator shell** **Fender** .....  
 Parking or fender light make .....  
 Tail and stop light make .....  
 Horn—  
     Type—**vibrator or motor** **Vibrator** ..... No. used **Two** .....  
     Make .....  
     Amperage draw of each ..... **15** .....

**CLUTCH** See page 4a for C-51-2 specifications

Make .....  
 Drive type—  
     Direct to flywheel face **C-51-1** **Yes** .....  
     Through fluid flywheel **C-51-2** **Yes** .....  
 Semi-centrifugal ..... **No** .....  
 Power operated unit—make ..... **None** .....  
 Vibration insulation or neutralizer—**fabric, rubber blocks or springs** ..... **Springs** .....  
 No. of clutch driving discs ..... **Two** .....  
 No. of clutch driven discs ..... **One** .....  
 Clutch facing— **Woven, Molded** .....  
     Material—**woven or moulded asbestos, cork** **Asbestos** .....  
     Inside diameter ..... **C-51-1** **7"** .....  
     Outside diameter ..... **C-51-1** **10"** .....  
     Thickness ..... **125"** .....  
     No. required ..... **Two** .....

**TRANSMISSION** See page 4a for C-51-2 specifications

Transmission—  
 Make ..... **One** ..... Model .....  
 No. of forward speeds ..... **Three** .....  
 Manual shift—**yes, no** ..... **Yes** .....  
 Automatic or auxiliary shifting mechanism—**yes** ..... **no** .....  
     If yes, Make .....  
     Type—**centrifugal, vacuum, electric or hydraulic** .....  
 Automatic overdrive—  
     Make ..... **None** .....  
     Oil capacity—**pints** .....  
     Oil grade recommended—**S.A.E. viscosity**  
         Summer ..... Winter .....  
 Gear ratio in high—**standard 5-passenger**  
     **4-door sedan** ..... **Direct** .....  
 Transmission ratio—  
     In overdrive ..... In second **1.83 to 1** .....  
     In third **1.00 to 1** ..... In fourth .....  
     In low **2.57 to 1** ..... In reverse **3.48 to 1** .....

(a) Higher value denotes initial temporary capacity rating. Bi-metal hinge reduces output to lower value after warm-up period.



Make of Car..... CHRYSLER ..... Model ... C-51-1 and C-51-2 ..... Date ... 12-15-50.....

**TRANSMISSION (cont'd)**

Constant mesh gears on second ..... Yes .....  
 Spur or helical gears—  
   For second speed .....  
   For first speed .....  
   For reverse speed .....  
   For all speeds ..... Helical .....  
 Synchronous meshing and third gears ..... Yes .....  
 Transmission oil—  
   Capacity—pints ..... C-51-1 .. 2-3/4 .....  
   Grade recommended—S.A.E. viscosity  
     Summer ..... SAE 10W ..... Winter ..... SAE 10W .....  
 Universal joints—  
   Make .....  
   Number used ..... Two .....  
   Type—metal with anti-friction  
     bearing .....  
   Lubricated with ..... Hvy Fiber U.J. Grease .....  
 Drive taken through springs, torque arm, torque tube or  
   radius rods ..... Rear springs .....  
 Torque taken through springs, torque arm, torque  
   tube or radius rods ..... Rear springs .....

**REAR AXLE**

Rear axle—  
   Make ..... Own ..... Model .....  
   Type—Semi, full or three-quarter floating ..... Semi-floating .....  
 Minimum road clearance under center of rear  
   axle—tires inflated ..... 8-3/8" .....  
 Rear axle oil—  
   Capacity—pints ..... 3-1/4 .....  
   Grade and type recommended—S.A.E. viscosity  
     Summer ..... SAE 90 ..... Winter ..... SAE 90 (a) .....  
 Type of gearing—spiral bevel, worm, hypoid ..... Hypoid .....  
 Gear ratio—standard 5-passenger 4-door sedan. 3.9 to 1 .....  
   Optional gear ratios .....  
 Number of teeth—  
   In ring gear ..... 39 ..... In pinion ..... 10 .....  
 How is pinion adjusted—screw or shims ..... Solid Shim .....  
 How is pinion bearing adjusted—screw or shims ..... Shims .....  
 Are pinion bearings carried in sleeve ..... No .....  
 Backlash between pinion and ring gear ..... .006" to .010" .....

**TIRES and WHEELS**

Tires—  
   Make ..... Goodyear Super-cushion .....  
   Size ..... 7.60 x 15 ..... No. of plies ..... 4 .....

**TIRES and WHEELS (Cont'd)**

Inflation pressure—Front ..... 24 lb. (Cold) ..... Rear ..... 24 lb. (Cold) .....  
 Rim—Diameter ..... 15 ..... Width ..... 5-1/2 K .....

**SPRINGS****FRONT SPRING—**

Independent or conventional suspension ..... Independent .....  
 Type—coil, semi-elliptic, transverse, torsion ..... Coil .....  
 Make .....  
 Material ..... "Amola" steel .....  
 Torsional stabilizer at front ..... Yes .....

**If coil—**

Free length .....  
 Length under curb weight .....

**REAR SPRING—**

Independent or conventional suspension ..... Conventional .....  
 Type—coil, semi-elliptic, transverse, torsion ..... Semi-elliptic .....  
 Make .....  
 Material ..... "Amola" steel .....  
 Torsional stabilizer at rear ..... No .....

**If leaf—**

Length ..... 53-5/8" ..... Width ..... 1-3/4" .....  
 Number of leaves—5-passenger, 4-door sedan ..... 8 .....  
 Spring leaves lubricated with ..... Mopar Spring Lubricant .....  
 Spring cover, Yes ..... X ..... No .....  
 Spring shackles—  
   Front—Type ..... Pivot ..... Make .....  
   Rear—Type ..... Side Strap ..... Make .....  
 Spring bolts—  
   Type .....

**Shock absorbers—**

Make .....  
 Type, one way with lever, two way with lever, or direct acting  
   Front ..... Hydraulic, double-acting (Oriflow) .....  
   Rear ..... Hydraulic, double-acting (Oriflow) .....  
 Fluid capacity (oz.)—

not refillable

(a) Extreme Winter below -10° F. SAE 80



Make of Car..... CHRYSLER..... Model C-51-1 and C-51-2..... Date 12-15-50.....

**STEERING**

Steering gear—  
 Type ..... Worm and Roller (3-Tooth)  
 Make ..... Model .....  
 Ratio ..... 18.2 to 1  
 Lubricant recommended SAE 90 Fluid Gear Lube  
 Steering wheel diameter ..... 18"  
 Drag link longitudinal or transverse ..... Longitudinal  
 Tie rod—one or two ..... Two  
 Is intermediate steering arm used ..... Yes  
 Number of turns of steering wheel for full left  
 to right swing of wheels .....  
 Car turning radius—feet—right, left or both .....  
 Caster—degrees  $-1^{\circ}$  to  $-3^{\circ}$  to  $-2^{\circ}$  Preferred  
 Camber—degrees  $-3/8^{\circ}$  to  $+3/8^{\circ}$  (a)  
 Toe-in—inches  $1/16$ " to 0" preferred  
 Crosswise inclination of kingpin—degrees  $5^{\circ}$  to  $6-1/2^{\circ}$   
 Front axle—  
 Make ..... Model .....  
 Section type—I-beams, tubular or none ..... None  
 End type—Elliott or reverse Elliott Reverse Elliott  
 Minimum road clearance—tires inflated ..... 8-1/4"

**BRAKES**

Foot brakes—  
 Make ..... Own  
 Type of mechanism, hydraulic or mechanical Hydraulic  
 If vacuum booster is standard, state make .....  
 Brake lining moulded, semi-moulded or woven—  
 Primary shoe ..... Molded Asbestos  
 Secondary shoe ..... Molded Asbestos  
 Drum—  
 Material Centrifugal ..... Diameter ..... 12"  
 Lining—  
 Length per wheel ..... 25-1/8"

**BRAKES (cont'd)**

Width ..... 2" ..... Thickness ..... 13/64"  
 Clearance—toe ..... .006" ..... heel ..... .006"  
 Total foot braking area ..... 201.1 sq in.  
 Percent braking power on rear wheels ..... 40  
 Hand lever operates on—transmission, separate rear brakes, rear service brakes or all four service brakes ..... Transmission  
 Hand brake, if separate from service brake— See page 4a for Internal or external C-51-1 External C-51-2 specifications  
 Drum diameter ..... C-51-1, 6"  
 Lining—  
 Length per drum C-51-1, 15-3/8"  
 Width ..... 2" ..... Thickness ..... 5/32"  
 Clearance ..... C-51-1, .015" to .020"

**FRAME and OTHER GENERAL DATA**

Frame—  
 Depth—maximum ..... 6"  
 Thickness—maximum ..... 3/32"  
 Flange width—maximum ..... 3-29/32"  
 Wheelbase ..... 125-1/2"  
 Tread—  
 Front ..... 56-5/16"  
 Rear ..... 59-9/16"  
 Weight of standard 5-passenger, four-door sedan—  
 Shipping .....  
 Curb .....  
 Price of standard 5-passenger, 4-door sedan .....  
 First serial number, this series .....  
 Serial number location Left front door hinge post  
 Overall length of car—  
 With bumpers and bumper guards ..... 207-1/4"  
 Overall width of car ..... 75-1/8"  
 Overall height, road to roof with no load ..... 64-7/8"

(a) Left side to be  $1/4^{\circ}$  to  $1/2^{\circ}$  higher than right side within these limits.

Make of Car..... **CHRYSLER** ..... Model **C-51-1 and C-52-2** ..... Date **12-15-50** .....

**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 .....
  - Size or number .....
- Fan bearing—
  - Make or type .....
  - Size or number .....
- Starting motor commutator end bearing—
  - Make or type .....
  - Size or number .....
- Starting motor drive end bearing—
  - Make or type .....
  - Size or number .....
- Starting motor outboard bearing—
  - Make or type .....
  - Size or number .....
- Generator commutator end bearing—
  - Make or type .....
  - Size or number .....
- Generator drive end bearing—
  - Make or type .....
  - 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 .....
  - Size or number .....
- Rear axle pinion shaft rear bearing—
  - Make or type .....
  - Size or number .....
- Differential right bearing—
  - Make or type .....
  - Size or number .....
- Differential left bearing—
  - Make or type .....
  - Size or number .....
- Rear wheel inner bearing—
  - Make or type .....
  - Size or number .....
- Rear wheel outer bearing—
  - Make or type .....
  - Size or number .....
- Front wheel inner bearing—
  - Make or type .....
  - Size or number .....
- Front wheel outer bearing—
  - Make or type .....
  - Size or number .....
- Kingpin upper bearing—
  - Make or type .....
  - Size or number .....
- Kingpin lower bearing—
  - Make or type .....
  - Size or number .....
- Kingpin thrust bearing—
  - Make or type .....
  - Size or number .....



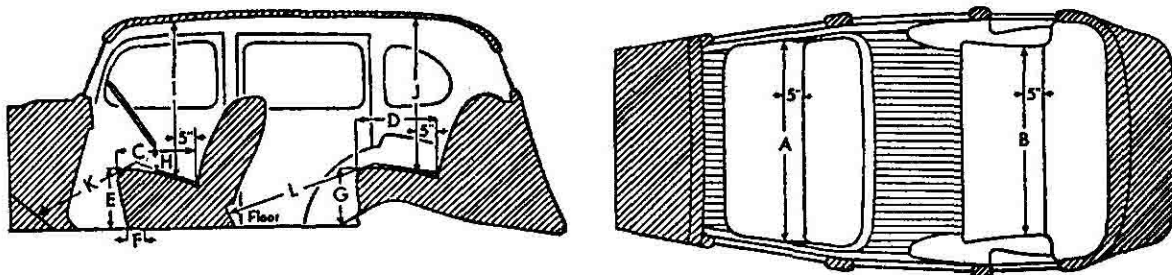
Make of Car.....CHRYSLER..... Model C-51-1 and C-51-2..... Date.....12-15-50.....

**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	Windsor and Windsor Deluxe Custom
Catalog Designation of Model.....			C-51-1 and C-51-2
Lacquer make.....			None
Body finish, lacquer or synthetic enamel.....			Syn Baking En
Fender finish, lacquer or synthetic enamel.....			Syn Baking En
Hardware make.....			---
Speedometer make.....			---
Gasoline gauge make.....			---
Thermometer make.....			---
Car lock make.....			---
Car lock operates on ignition or ignition and steering.....			Ignition
Clock make..... mechanical or electrical.....			Electrical
Cigar lighter make.....			---
Safety glass make.....			---
Safety glass type, laminated or tempered.....			Laminated
In windshield.....			Laminated
In side windows.....			Laminated
In rear window.....			Tempered
Bumper make.....			---
Bumper guard make.....			---
Car heater make..... Type.....			Fresh Air
Direction signal make.....			---
Front—yes or no..... Rear—yes or no.....			---
No. of tail lights included.....			Two
No. of visors included.....			Two
No. of horns included.....			One-dual
No. of windshield wipers included.....			Two
No. of spare tires included.....			One

Make of Car.....CHRYSLER.....Model C-51-1 and C-51-2.....Date 12-15-50.....

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



**INTERIOR**

center

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

Width of front seat cushion, measured $\frac{5}{8}$ inches from back (A) .....	57"
Width of rear seat cushion, measured $\frac{5}{8}$ inches from back (B) .....	58- $\frac{7}{8}$ "
Depth of front seat cushion (C) .....	19"
Depth of rear seat cushion (D) .....	19"
Height of front seat cushion measured 12 $\frac{1}{2}$ inches from center line of body (E) .....	15"
Front seat horizontal adjustment, inches (F) .....	5"
Front seat vertical adjustment, inches .....	1- $\frac{1}{8}$ "
Height of rear cushion measured 12 $\frac{1}{2}$ inches from center line of body (G) .....	15- $\frac{1}{2}$ "
Vertical distance steering wheel and seat cushion (H) .....	5- $\frac{7}{8}$ "
Head room at front seat, measured $\frac{5}{4}$ inches from back (I) .....	36- $\frac{1}{2}$ "
Head room at rear seat, measured $\frac{5}{8}$ inches from back (J) .....	36"
Leg room in front seat, measured from 6 inches up on toe board, following contour of seat cushion (K) .....	41- $\frac{7}{8}$ "
Leg room in rear seat, measured from center of foot rest, following contour of seat cushion (L) .....	41- $\frac{1}{2}$ "
Trunk capacity, cubic feet .....	4- $\frac{1}{4}$ "
Width of left front pillar on diagonal with door closed .....	

\*\* Rear seat foot rest is integral with the floor. This measurement is constant for all positions of the front seat.

Make of Car.....CHRYSLER..... Model C-51-1 and C-51-2..... Date 12-15-50.....

## 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
Crescent 8-60	Roadster
	Phaeton
	Two-door sedan
	Four-door sedan
	Coupe
	Coupe with rumble
	Cabriolet
Crescent 8-80	Roadster
	Phaeton
	Two-door sedan
	Four-door sedan
	Coupe
	Coupe with rumble
	Cabriolet
	Limousine
	Landulet

Body Make
Fisher
↓
Murray
↓
Fisher
↓
Budd
↓
Fleetwood
LeBaron

MAKE AND MODEL	BODY TYPE List Types on Ascending Price Scale Beginning with the Lowest Price	Factory Delivered Price Including Federal Tax and Handling Charge	Number of Passengers	Wheel-base	Shipping Weight	Seating Arrangement Number See Below	Body Make
Windsor C-51-1	Club Coupe	N.A.	6	125-1/2	N.A.	3	Chrysler
	4-Door Sedan	↓	↓	↓	↓	4	
	Town and Country Wagon (All-Metal)					Spec.	
	8-Pass. Sedan						
Windsor Deluxe C-51-2	Club Coupe					↓	6
	Conv. Coupe	↓					
	Newport (a)		4				
	4-Door Sedan	Spec.					
	Traveler		5				
	8-Pass. Sedan	5					
	Limousine	↓	8	139-1/2	↓	↓	
(a) Special Club Coupe (Hard Top)							

## 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 front seat back.
- 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 one passenger.