

# Kaiser

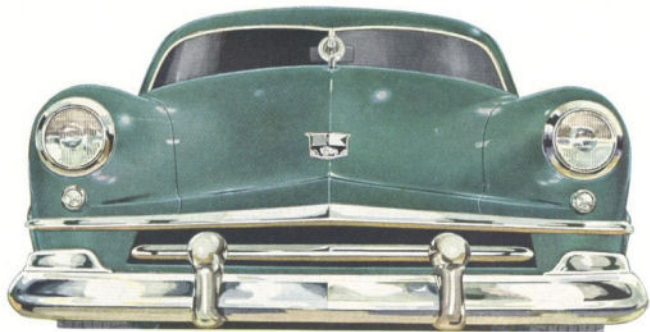
*for 1951*

*Built to better the best on the road*

The 1951

Kaiser

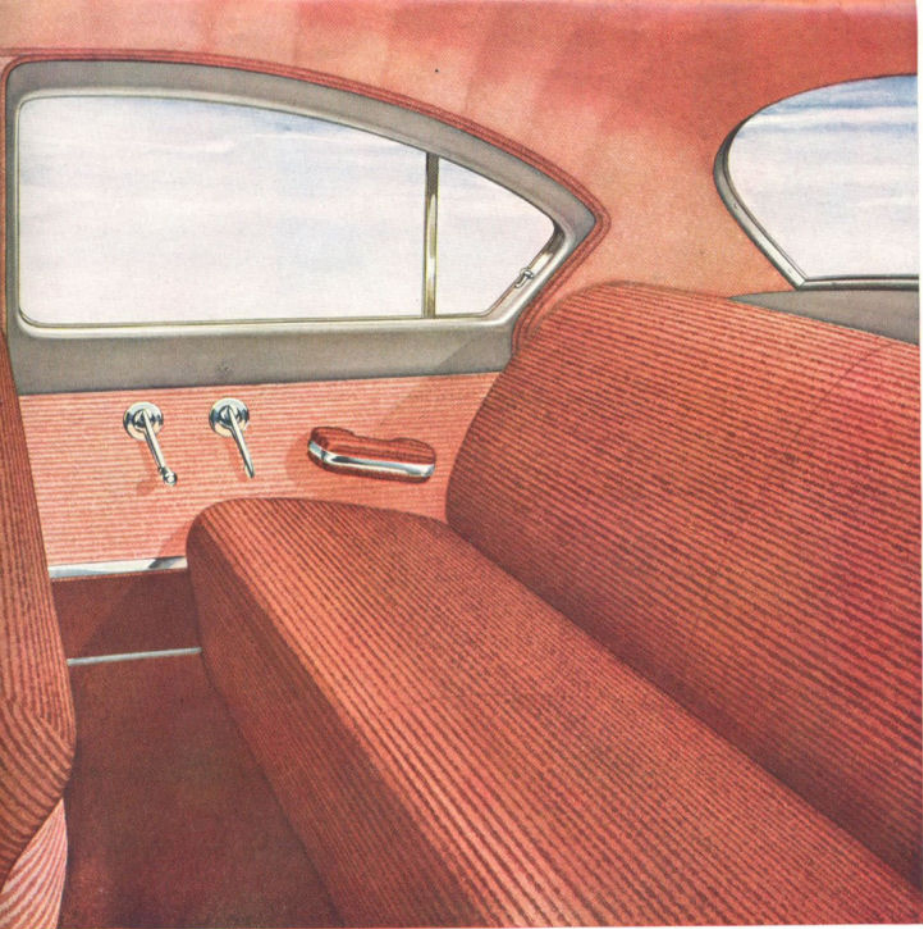
Triumph of  
Anatomic  
Design!



The 1951 Kaiser was developed from a new kind of thinking, a new application of science, a new consideration of human needs and wants as they have changed with the growth of motor transportation.

It brings you the triumph of a great and needed thing, *Anatomic Design*—the designing of the anatomy of the car to suit the anatomy and needs of the human being. *Anatomic Design* results in a car that meets the needs of your senses, your reflexes, your arms, legs, nerves and muscles . . . a car that is easier to control, more comfortable, safer for you and your family to ride in.

You will find when you drive it that the 1951 Kaiser comes as close to becoming a part of you as a motor car may come—in much the same kind of relationship as that of horse to rider . . . with *control* always in *your* head, hands and feet—control that commands *beautiful* response.



## 1951 KAISER INTERIORS

*... consider your framework, your  
muscles, your arms and legs.*

Anatomic Design developed the single roll body to provide exceptionally wide seating space *inside*—within garage-fitting *outside* dimensions. Seats are fitted to your figure. Upholstery and trim are tastefully styled to please your eye. High-bridge doors provide more entrance room than cars many inches taller. Rear seats give you full 36-inch headroom for relaxing comfort.





# 1951 Specifications

**ENGINE**—Kaiser Supersonic high-torque—L-head, six cylinders. Bore,  $3\frac{1}{2}$  inches; stroke, 4 $\frac{1}{2}$  inches; displacement, 226.2 cubic inches; taxable horsepower 26.3; brake horsepower 115 @ 3650 R.P.M. Compression ratio 7.3 to 1. Aluminum alloy, thermal expansion control, tin-plated pistons fitted with two compression rings (one flash chrome) and two oil control rings. Removable, precision-type main and connecting rod bearings. Full pressure lubrication to main, connecting rod, and camshaft bearings. Positive lubrication to timing chain, and valve tappets. Rubber, three-point engine mountings. Vibration damper.

**FUEL SYSTEM**—Downdraft, dual-throat,  $1\frac{1}{4}$  inch carburetor; dual-intake manifold; automatic choke, automatic manifold heat control; air cleaner (oil-bath type special equipment); mechanical fuel pump with strainer attached; auxiliary vacuum wind shield wiper pump; electrical gasoline gauge; 17-gallon, "kidney" shaped gasoline tank.

**COOLING SYSTEM**—Thermostatic temperature control; sealed cooling system; pressure-sealed filler cap; cellular-type radiator core; system capacity 13 quarts, plus one quart with heater; 4-blade fan; cylinders completely surrounded by water; full length water jackets; ball-bearing, permanently sealed and lubricated water pump.

**CLUTCH**—Single dry-plate type;  $9\frac{1}{2}$  inch diameter. Ball throw-over bearing permanently lubricated.

**TRANSMISSION**—Synchronized, carburized, helically-cut gears; main and counter-shaft mounted on anti-friction bearings; steering column gear shift.

**OVERDRIVE**—Kaiser overdrive available at extra cost. Reduces engine speed 30 per cent without reducing car speed.

**AUTOMATIC TRANSMISSION**—Hydra-Matic transmission for the Kaiser available at extra cost. The word Hydra-Matic, wherever used herein, is a registered trade-mark of General Motors Corporation.

**FRAME**—Rigid, X-member type frame with five cross members—two channel, one complete box, one combination box and channel and one "Z" bar.

**FRONT SUSPENSION**—Kaiser independent front wheel suspension. Two-way, direct-acting, airplane-type shock absorbers inside coil springs. Directly connected, rubber-bushed stabilizer bar.

**REAR SUSPENSION**—Semi-elliptic springs—6 leaves 51 x 2 inches. Covered and permanently greased. Rubber bushing spring brackets and shackles. Two-way, direct-acting, airplane-type shock absorbers mounted as an inverted "V" for sideways control.

**ELECTRICAL SYSTEM**—Shunt-wound, air-cooled generator with automatic voltage and current control; 15 plate battery,

*White sidewall tires, electric clock, and other accessories are optional at extra cost.*

100 ampere hour capacity. Vacuum spark advance on distributor. Sealed-Beam headlights.

**DRIVE**—Hotchkiss—Two needle-bearing universal joints. 2 $\frac{1}{2}$  inch propeller shaft.

**BRAKES**—Self-centering, floating-shoe type. Hydraulic service brakes on all four wheels. Mechanical hand brake operates rear wheel brake shoes. Centrifuge brake drums with cast iron braking surfaces.

**STEERING SYSTEM**—Worm and sector gear, three-tooth type, worm mounted on two tapered roller bearings, sector mounted on needle roller bearings. Turning diameter 38.2 feet.

**WHEELS AND TIRES**—Wide rim disc wheels with individual tire chain slots. Tires 6.70 x 15, low pressure 4-ply cord.

**WHEELBASE**—118 $\frac{1}{2}$  inches. Overall length—Special 208 $\frac{1}{2}$  inches; DeLuxe 210 $\frac{1}{2}$  inches.

**BODY**—All-steel, welded construction. Special insulation against heat, cold and noise. Safety glass throughout. Pull-type exterior door handles, turn-type interior door openers. Wide choice of upholstery selections. Front and rear arm rests also serve as door pulls. Large trunk with hark wheel carried in a special well below floor level, removable cover. Exceptionally large glass area, windshield 1096 square inches, backlite 1000 square inches, all side windows 1445 square inches, total glass area 3541 square inches. Wide selection of exterior colors—metallic and non-metallic.

**INSTRUMENT PANEL**—Modern instrument panel with speedometer and gauges grouped in a hooded cluster directly in front of the driver (oil gauge, ammeter, gasoline gauge, and engine temperature gauge). DeLuxe instrument panel has vinyl covered pad over upper portion. Special instrument panel finished in body color. Very large, drop-type glove compartment. Pistol grip, pull-type hand brake. Provision for mounting radio speaker and push button station selector. Two-spoke, clear-vision steering wheel.

**STANDARD EQUIPMENT**—Bumper jack and wheel wrench. Dual seashell horns. Two sun visors. Dual windshield wipers with auxiliary vacuum pump. Automatically operated courtesy lights in center door post on each side. Solenoid operated starter switch on instrument panel. Ash receiver in instrument panel. Ash receiver with concealed cigar lighter on back of front seat of DeLuxe model. Wrap-around bumpers front and rear. Bumper guards. Two combination tail and stoplights. On two-door models the ash receiver is in the rear arm rest mounted on the quarter panel.

*Kaiser-Frazer Sales Corporation reserves the right to make changes at any time, without notice, in prices, colors, materials, equipment, specifications and models, and also to discontinue models.*

*Kaiser-Frazer Sales Corporation  
Willow Run, Michigan*