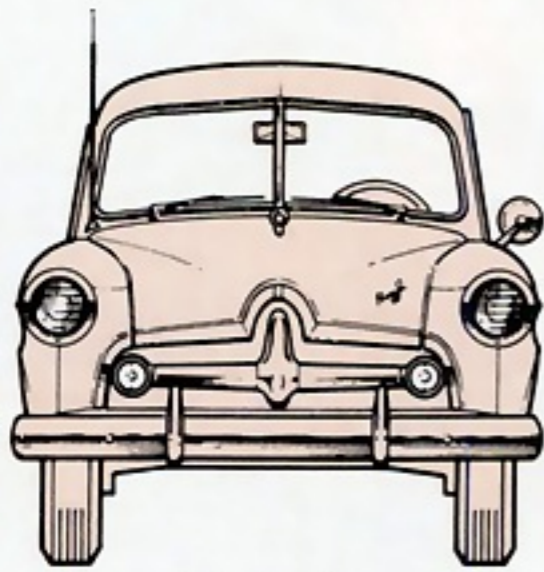
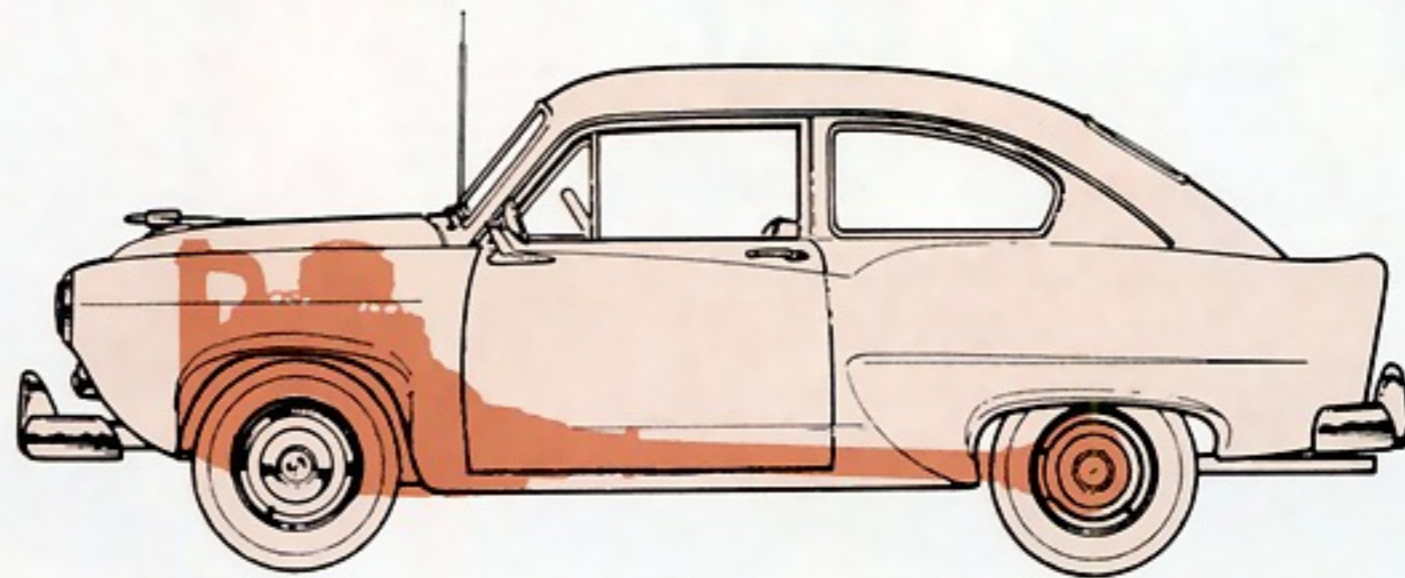


1951 Kaiser-Frazer Henry J Deluxe

Illustrations by Russell von Sauer, The Graphic Automobile Studio ©2004 Hemmings Classic Car



54.0 inches



100.0 inches

SPECIFICATIONS

Base price \$1,429

ENGINE

Type	L-head straight-six, cast-iron block
Displacement	161 cubic inches
Bore x Stroke	3.125 inches x 3.50 inches
Compression ratio	7.0:1
Horsepower @ rpm	80 @ 3,800
Torque @ rpm	133 lbs.-ft. @ 1,600
Valvetrain	Solid lifters
Main bearings	4
Fuel system	Single one-barrel Carter YF carburetor, mechanical pump
Lubrication system	Pressure, gear-type pump
Electrical system	6-volt
Exhaust system	Single exhaust

TRANSMISSION

Type	Borg-Warner T-96 3-speed manual, synchromesh on second and third gears
Ratios: 1st	2.61:1
2nd	1.63:1
3rd	1.00:1
O.D.	0.70:1
Reverse	3.54:1

DIFFERENTIAL

Type	Hypoid with semi-floating axles
Ratio	4.55:1

STEERING

Type	Worm and roller, manual
Ratio	18.2:1
Turns, lock-to-lock	4.8
Turning circle	35.0 feet

BRAKES

Type	Bendix hydraulic, manual
Front	9-inch drum
Rear	9-inch drum

CHASSIS & BODY

Construction	Steel body on frame
Frame	Double drop, box section with five crossmembers
Body style	Two-door sedan
Layout	Front engine, rear-wheel drive

SUSPENSION

Front	Independent, A-arms; coil springs; telescoping shocks
Rear	Parallel leaf springs; telescoping shocks

WHEELS & TIRES

Wheels	Stock steel
Front	15x5
Rear	15x5
Tires	Bias-ply whitewalls
Front	6.00x15
Rear	6.00x15

WEIGHTS & MEASURES

Wheelbase	100 inches
Overall length	174.5 inches
Overall width	70 inches
Overall height	59.75 inches
Front track	54 inches
Rear track	54 inches
Shipping weight	2,341 pounds

CAPACITIES

Crankcase	5 quarts
Cooling system	9 quarts
Fuel tank	13 gallons
Transmission w/O.D.	2.25 pints
Rear axle	3 pints

CALCULATED DATA

Bhp per c.i.d.	.497
Weight per bhp	29.263 pounds
Weight per c.i.d.	14.540 pounds

PRODUCTION

1951 production	81,942
	43,442 Deluxe models

PERFORMANCE

Acceleration:	
0-30 mph	5.91 seconds
0-60 mph	19.59 seconds
1/4 mile ET	22.33 seconds @ 80.86 mph