



SCALE: 10" DIVISIONS

PRICE

Basic list.....\$3395
As tested.....\$3494

ENGINE

Type..... 4 cyl inline, sohc
Bore x stroke, mm..... 93.0 x 69.8
Equivalent in..... 3.66 x 2.75
Displacement, cc/cu in..... 1897/116
Compression ratio..... 9.0:1
Bhp @ rpm..... 102 @ 5400
Equivalent mph..... 106
Torque @ rpm, lb-ft..... 115 @ 3100
Equivalent mph..... 61
Carburetion... 1 Solex 32 DIDTA-4
Type fuel required..... premium
Emission control..... air injection

DRIVE TRAIN

Clutch diameter, in..... 8.0
Gear ratios: 4th (1.00)..... 3.44:1
3rd (1.37)..... 4.72:1
2nd (2.16)..... 7.43:1
1st (3.43)..... 11.80:1
Final drive ratio..... 3.44:1

CHASSIS & BODY

Body/frame..... unit steel
Brake type: 9.4-in. disc front,
9.1 x 2.2-in. drum rear; power
assisted
Swept area, sq in..... 277
Wheels..... steel disc, 13 x 5J
Tires... Uniroyal Rallye 165HR-13
Steering type..... rack & pinion
Overall ratio..... 17.4:1
Turns, lock-to-lock..... 3.0
Turning circle, ft..... 33.0
Front suspension: unequal-length
A-arms, transverse leaf spring,
tube shocks
Rear suspension: live axle on trail-
ing arms & Panhard rod; coil
springs, tube shocks

INSTRUMENTATION

Instruments: 150-mph speedo,
7000-rpm tach, 99,999.9 odo,
oil press, water temp, ammeter,
fuel level, clock
Warning lights: oil press, alter-
nator, brake fluid loss, hazard
flasher, high beam, directional
signals

ACCOMMODATION

Seating capacity, persons..... 2
Seat width..... 2 x 19.0
Head room..... 36.5
Seat back adjustment, deg..... 15
Driver comfort rating (scale of 100):
Driver 69 in. tall..... 100
Driver 72 in. tall..... 80
Driver 75 in. tall..... 75

MAINTENANCE

Engine oil capacity, qt..... 6.3
Every 3000 mi: chng oil, chk fluids
Every 6000 mi: chg oil filter, chn air
filter & fuel filter, tune engine,
chg plugs, rotate tires, adj clutch,
chk wheel align
Every 12,000 mi: replace air filter
element
Warranty, mo/mi..... 12/12,000
Tire pressures, psi..... 24/24

EQUIPMENT

Options on test car: 1.9-liter engine
(\$99)
Other: automatic transmission
(\$190), rear window defroster
(\$19)

GENERAL

Curb weight, lb..... 2105
Test weight..... 2420
Weight distribution (with
driver), front/rear,%..... 54/46
Wheelbase, in..... 95.7
Track, front/rear..... 49.4/50.6
Overall length..... 161.9
Width..... 62.2
Height..... 48.2
Ground clearance, in..... 5.1
Overhang, front/rear..... 36.5/29.7
Usable trunk space, cu ft..... 6.6
Fuel tank capacity, gal..... 13.2

CALCULATED DATA

Lb/hp (test wt)..... 23.7
Mph/1000 rpm (4th gear)..... 19.8
Engine revs/mi (60 mph)..... 3030
Engine speed @ 70 mph..... 3560
Piston travel, ft/mi..... 1390
Cu ft/ton mi..... 83.8
R&T wear index..... .42
R&T steering index..... 0.990
Brake swept area sq in/ton..... 229

ROAD TEST RESULTS

ACCELERATION

Time to distance, sec:
0-100 ft..... 3.7
0-250 ft..... 6.2
0-500 ft..... 9.5
G-750 ft..... 12.3
G-1000 ft..... 14.7
G-1320ft(Y1 mi)..... 17.7
Speed at end of Y1 mi, mph..... 77
Time to speed, sec:
G-30 mph..... 3.6
a-40 mph..... 5.5
G-50 mph..... 7.4
G-60 mph..... 10.8
0-70 mph..... 14.7
G-80 mph..... 19.1
G-100 mph..... 34.0
Passing exposure time, sec:
To pass car going 50 mph..... 6.7

FUEL CONSUMPTION

Normal driving, mpg..... 27.5
Cruising range, mi..... 363

SPEEDS IN GEARS

4th gear (5800 rpm), mph..... 113
3rd (6100)..... 88
2nd (6100)..... 44
1st (6100)..... 36

BRAKES

Panic stop from 80 mph:
Deceleration, % g..... 81
Control..... good
Fade test: percent of increase in
pedal effort required to main-
tain 50%-g deceleration rate in
six stops from 60 mph..... nil
Parking: hold 30% grade..... yes
Overall brake rating..... very good

SPEEDOMETER ERROR

30 mph indicated..... actual 28.8
40 mph..... 39.0
60 mph..... 59.2
80 mph..... 79.3
100 mph..... 99.4
Odometer, 10.0 mi..... actual 10.0

ACCELERATION & COASTING

