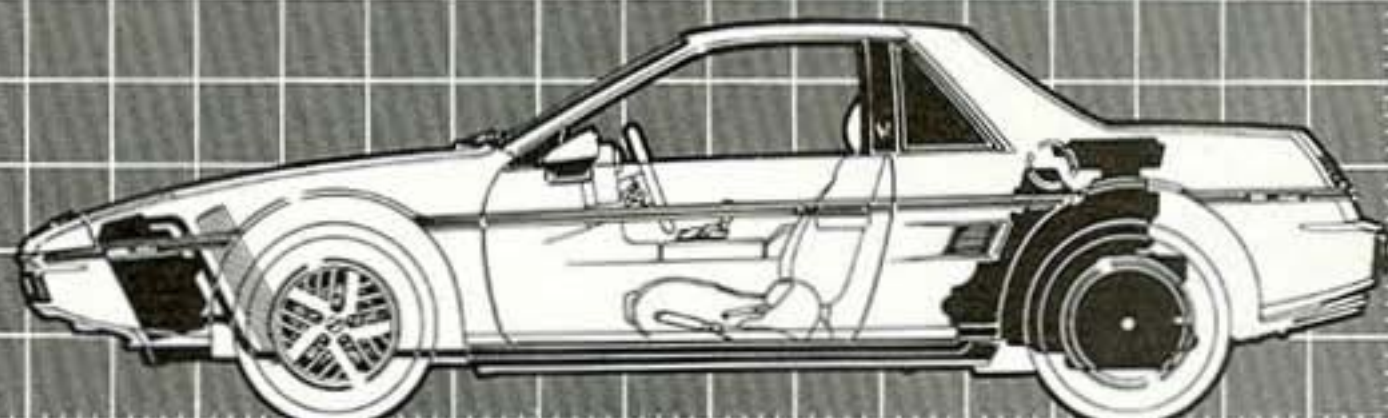




ROAD TEST PONTIAC FIERO S/E



SCALE: 1/8 in. (3.18 mm) = 1 INCH

PRICE

List price, POE Detroit..... est \$9000
Price as tested..... est \$11,000
Price as tested includes air conditioning, handling package (alloy wheels, P215/60R-14 tires, heavy-duty springs), elect. window lifts, leather and sheepskin seat covers, AM/FM stereo/cassette, central door locking, elect. adj mirrors.

MANUFACTURER

Pontiac Motor Division, One Pontiac Plaza, Pontiac, Mich. 48053

GENERAL

Curb weight, lb/kg 2590 1176
Test weight 2770 1258
Weight dist (with driver), f/r, % 44/56
Wheelbase, in./mm 93.4 2372
Track, front/rear 57.8/58.7 1468/1492
Length 160.3 4072
Width 68.9 1750
Height 46.9 1191
Ground clearance 6.0 152
Overhang, f/r 36.2/30.7 920/780
Trunk space, cu ft/liters 6.8 192
Fuel capacity, U.S. gal./liters 10.2 39

ACCOMMODATION

Seating capacity, persons 2
Head room, in./mm 36.5 927
Seat width 2 x 18.5 2 x 470
Seatback adjustment, deg 40

ENGINE

Type ohv inline-4
Bore x stroke, in./mm 4.00 x 3.00 101.6 x 76.2
Displacement, cu in./cc 151 2471
Compression ratio 9.0:1
Bhp @ rpm, SAE net/kW 92/69 @ 4000
Equivalent mph / km/h 83/134
Torque @ rpm, lb-ft/Nm 134/182 @ 2800
Equivalent mph / km/h 58/93
Fuel injection GM TBI
Fuel requirement unleaded, 91-oct
Exhaust-emission control equipment: 3-way catalytic converter, oxygen sensor, exhaust-gas recirculation

DRIVETRAIN

Transmission 4-sp manual
Gear ratios: 4th (0.81) 3.32:1
3rd (1.24) 5.08:1
2nd (1.95) 8.00:1
1st (3.53) 14.47:1
Final drive (rear axle ratio x transfer ratio) 4.10:1

INSTRUMENTATION

Instruments: 85-mph speedometer, 6000-rpm tach, 999,999.9 odo, 9999.9 trip odo, coolant temp, voltmeter, fuel level
Warning lights: oil press., handbrake/brake system, check engine, door ajar, rear deck ajar, upshift, seatbelts, hazard, high beam, directionals

CHASSIS & BODY

Layout mid engine/rear drive
Body/frame separate: fiberglass panels/steel unit chassis
Brake system 9.7-in. (247-mm) discs front and rear; vacuum assisted
Swept area, sq in./sq cm 343 2212
Wheels cast alloy, 14 x 6
Tires Goodyear Eagle GT, P215/60R-14
Steering type rack & pinion
Overall ratio 19.2:1
Turns, lock-to-lock 2.9
Turning circle, ft/m 38.9 11.9
Front suspension: upper and lower A-arms, coil springs, tube shocks, anti-roll bar
Rear suspension: Chapman struts, lower A-arms, tie-rods, coil springs, tube shocks

CALCULATED DATA

Lb/bhp (test weight) 30.1
Mph/1000 rpm (4th gear) 20.7
Engine revs/mi (60 mph) 2900
Piston travel, ft/mi 1450
R&T steering index 1.13
Brake swept area, sq in./ton 248

ROAD TEST RESULTS

ACCELERATION

Time to distance, sec:
0-100 ft 3.4
0-500 ft 9.6
0-1320 ft (1/4 mi) 18.2
Speed at end of 1/4 mi, mph 72.5
Time to speed, sec:
0-30 mph 3.2
0-50 mph 8.0
0-60 mph 11.6
0-80 mph 23.2

SPEEDS IN GEARS

4th gear (5000 rpm) 103
3rd (5000) 68
2nd (5000) 43
1st (5000) 24

FUEL ECONOMY

Normal driving, mpg 25.0

HANDLING

Lateral accel, 100-ft radius, g 0.812
Speed thru 700-ft slalom, mph 60.6

BRAKES

Minimum stopping distances, ft:
From 60 mph 150
From 80 mph 289
Control in panic stop good
Pedal effort for 0.5g stop, lb 21
Fade: percent increase in pedal effort to maintain 0.5g deceleration in 6 stops from 60 mph 43
Parking: hold 30% grade? yes
Overall brake rating very good

INTERIOR NOISE

Idle in neutral, dBA 51
Maximum, 1st gear 84
Constant 30 mph 64
50 mph 68
70 mph 73

SPEEDOMETER ERROR

30 mph indicated is actually 30.0
60 mph 59.0
80 mph 79.0

ACCELERATION

