

# C/D TEST RESULTS

## ACCELERATION

	Seconds
Zero to 30 mph	.23
40 mph	3.1
50 mph	4.2
60 mph	5.5
70 mph	7.0
80 mph	9.1
90 mph	11.4
100 mph	14.2
110 mph	17.7
Street start, 5-60 mph	6.2
Top-gear acceleration, 30-60 mph	11.6
50-70 mph	12.0
Standing 1/4-mile	14.2 sec @ 100 mph

## BRAKING

70-0 mph @ impending lockup	.197 ft
Modulation	poor fair <b>good</b> excellent
Fade	none <b>light</b> moderate heavy
Front-rear balance	poor fair <b>good</b>

## HANDLING

Roadholding, 200-ft-dia skidpad	.080 g
Understeer	minimal <b>moderate</b> excessive

## FUEL ECONOMY

EPA city driving	17 mpg
EPA highway driving	26 mpg
C/D-observed fuel economy	<b>23 mpg</b>

## INTERIOR SOUND LEVEL

Idle	.50 dBA
Full-throttle acceleration	.83 dBA
70-mph cruising	.77 dBA
70-mph coasting	.76 dBA

## QVALE MANGUSTA

**Vehicle type:** front-engine, rear-wheel-drive, 2+2-pas-senger, 2-door convertible

**Price as tested:** \$86,510

**Price and option breakdown:** base Qvale Mangusta (includes \$2200 luxury tax), \$84,200; 18-inch alloy wheels and tires, \$2200; luxury tax on option, \$110

**Major standard accessories:** power steering, windows, seats, and locks; A/C; cruise control; tilting steering wheel

**Sound system:** Nakamichi MB-75 AM/FM-stereo radio/CD changer, 6 speakers

## ENGINE

Type	V-8, aluminum block and heads
Bore x stroke	3.55 x 3.54 in, 90.2 x 90.0mm
Displacement	.281 cu in, 4601cc
Compression ratio	9.9:1
Engine-control system	Ford EEC-V with port fuel injection
Emissions controls	3-way catalytic converter, feedback air-fuel-ratio control, EGR
Valve gear	chain-driven double overhead cams, 4 valves per cylinder, hydraulic lifters
Power (SAE net)	.320 bhp @ 6000 rpm
Torque (SAE net)	.314 lb-ft @ 4800 rpm
Redline	.6800 rpm

## DRIVETRAIN

Transmission	5-speed manual		
Final-drive ratio	3.23:1, limited slip		
Gear	Ratio	Mph/1000 rpm	Max. test speed
I	3.37	6.7	45 mph (6800 rpm)
II	1.99	11.3	77 mph (6800 rpm)
III	1.33	16.9	115 mph (6800 rpm)
IV	1.00	22.5	135* mph (6200 rpm)
V	0.67	33.6	140* mph (4000 rpm)

\*estimated

## DIMENSIONS AND CAPACITIES

Wheelbase	.105.1 in
Track, F/R	.62.6/62.2 in
Length	.165.1 in
Width	.74.8 in
Height	.51.8 in

Curb weight	.3646 lb
Weight distribution, F/R	.52.2/47.8%
Fuel capacity	.15.7 gal
Oil capacity	.6.0 qt
Water capacity	.14.7 qt

## CHASSIS/BODY

Type	unit construction of welded-steel flat panels and tubes
Body material	fiberglass-reinforced plastic

## INTERIOR

Estimated SAE volume, front seat	.61 cu ft
rear seat	.16 cu ft
luggage space	.5 cu ft
Front seats	bucket
Seat adjustments	fore and aft, seatback angle, height, lumbar support,
Restraint systems, front	manual 3-point belts, driver and passenger airbags
rear	manual 3-point belts
General comfort	poor fair <b>good</b> excellent
Fore-and-aft support	poor fair <b>good</b> excellent
Lateral support	poor fair <b>good</b> excellent

## SUSPENSION

F:	ind, unequal-length control arms, coil springs, anti-roll bar
R:	ind, unequal-length control arms with a toe-control link, coil springs, anti-roll bar

## STEERING

Type	rack-and-pinion, power-assisted
Turns lock-to-lock	.3.0
Turning circle curb-to-curb	.36.1 ft

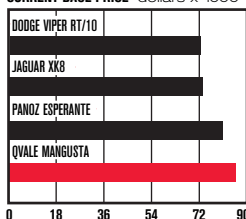
## BRAKES

F:	.12.8 x 1.3-in vented disc
R:	.12.2 x 1.1-in vented disc
Power assist	hydraulic

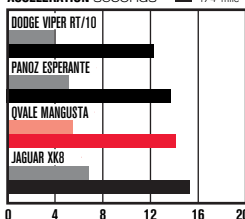
## WHEELS AND TIRES

Wheel size	F: 8 x 18 in; R: 9 x 18 in
Wheel type	cast aluminum
Tires	Michelin Pilot Sport; F: 225/40ZR-18, R: 265/35ZR-18
Test inflation pressures, F/R	.34/34 psi

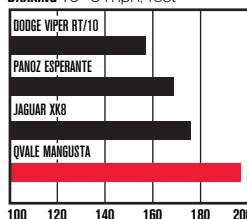
## CURRENT BASE PRICE\* dollars x 1000



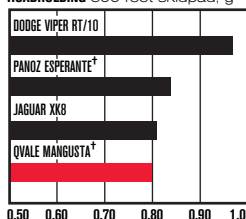
## ACCELERATION seconds



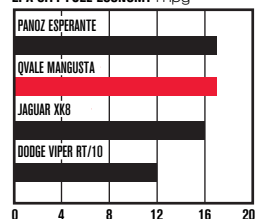
## BRAKING 70-0 mph, feet



## ROADHOLDING 300-foot skidpad, g



## EPA CITY FUEL ECONOMY mpg



\*Base price includes freight, any performance options, and all applicable luxury and gas-guzzler taxes. †Tested on 200-foot-diameter skidpad.