# POLICE INTERCEPTOR AND SPECIAL SERVICE VEHICLES







More than ever before, Ford Crown Victoria is the name that law enforcement agencies can rely on for the strength and performance police work demands.

Crown Victoria for 1998 not only has been restyled to be sleeker and more contemporary, but also features significant improvements designed for higher dependability and handling capability.

Crown Victoria features a new Watts linkage rear suspension that delivers better handling and straight-line stability. Larger 16" all-season tires with lower-profile design are now standard.

Optional anti-lock brakes are teamed with a new traction-control system that now provides increased traction at all speeds.

Also new are higher-capacity dual-piston front brake calipers, failsafe cooling system, plus the Motorcraft Silver Series 750-CCA battery with longer life and higher performance characteristics.

You continue to have, of course, standard V8 power, the strength of body-on-frame construction, plus all the passenger comfort you've come to expect in the full-size Crown Victoria.

The new Watts linkage rear suspension not only provides a smooth ride, but also delivers improved handling capability and straight-line stability.

### **HIGH V8 PERFORMANCE**

Crown Victoria performance begins with the state-of-the-art 4.6-liter single overhead cam V8. Its overhead cam design contributes to increased power output per liter of displacement. It also features the precise metering of a sequential electronic fuel-injection system governed by Fords EEC-V engine control computer. Other advanced features include



the precise air metering of a mass air flow sensor and the enhanced driveability provided by a distributorless ignition system.

The highperformance powertrain is teamed with an electronic 4-speed automatic overdrive transmission.

Also, the full-size Crown Victoria is a rear-wheel-drive car, the design of choice for law enforcement applications.

### HANDLING AND CONTROL

The Crown Victoria Police Interceptor features a new Watts linkage rear suspension system. This system is specially engineered to actually use the kinetic forces of acceleration and cornering to help keep the vehicle under control.

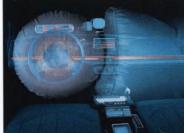
The sure-footed stopping ability of 4-wheel disc brakes is standard. The optional anti-lock braking system (ABS) is linked with an improved electronic traction control system that automatically detects wheel slippage and supplies additional traction to the wheel(s) that need it – and it does it at all speeds, not just at lower speeds as the previous system did.

What's more, the computercontrolled steering system delivers more power assist at lower speeds; less assist as speed increases for a firmer feel of the wheel.



### STRENGTH AND DURABILITY

The all-new Crown Victoria frame is designed to improve quality, durability,



crashworthiness and function. The Police Interceptor standard equipment list includes a corrosion-resistant stainless steel exhaust system, heavy-duty drive shaft and U-joints, as well as a heavy-duty electrical system.

### COMFORT AND SAFETY

The full-size interior and features such as the cloth bucket seats, chosen especially for police work, make the Crown Victoria Police Interceptor an exceptionally comfortable mobile law enforcement office on the road.

Crown Victoria provides a full-size dimension of safety features, too. Front frame rails of high-strength steel provide improved impact energy management. Their "crush can" design allows them to fold in an accordion fashion to absorb crash forces.

Crown Victoria, in fact, is the only car in its class to receive the Five Star government frontal crash rating for the driver and front passenger (U.S. government data only useful when comparing vehicles within 500 lbs.).

Among Crown Victoria's numerous standard "occupant protection" features are Second Generation depowered air bags. These are designed to work in conjunction

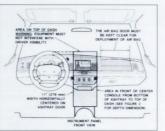


Figure 1: The dark shaded areas in Figures 1-3 represent available police equipment mounting zones for Crown Victoria. These zones are shown for police vehicles equipped with standard bucket seats—the recommended choice for vehicles requiring maximum available space for police auijument mounting.

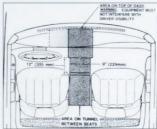


Figure 2: Crown Victoria available police equipment mounting zone.

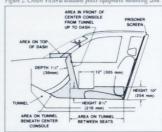


Figure 3: Crown Victoria available police equipment mounting zone.

with, but never replace, your lap/shoulder safety belts.

An air bag fully inflates in less than 1/20 of a second. Anything occupying its deployment zone will not only restrict the effectiveness of the air bag, but could result in injury. The proper placement of aftermarket police equipment, therefore, is critical. Following are a few simple rules to keep in mind.

- Do not mount an object in the deployment path of an air bag.
- Any surfaces that could come into contact with an inflated air bag must be "friendly" – that is, free of sharp edges,

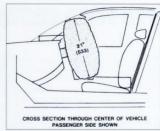


Figure 4: Crown Victoria passenger air bag height at full inflation. The dimensions in Figures 4-6 are somewhat flexible and represent "free form" deployments with empty seals.

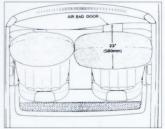


Figure 5: Crown Victoria passenger air bag depth.

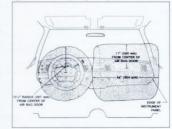


Figure 6: Crown Victoria air bags.

corners or protrusions that could damage the air bag.

 Dash-, tunnel- or console-mounted equipment should not be placed outside of the zones specified in the above illustrations.
 All air bag and equipment mounting zone dimensions are approximate and will vary with seat occupancy and future model year vehicle changes (including but not limited to the seats and instrument panel).

Remember: Air bag safety is the result of staying within the law – in this case, the laws of physics and common sense. When in doubt, always play it safe.

# 1998 FORD CROWN VICTORIA POLICE INTERCEPTOR

General		English Metric		Air bags, Second Generation depowered driver and right-front passenger		
Wheelbase	9	114.7*	290.6 cm	Air conditioning, manual with positive shutoff registers		
Overall ler	ngth	212.0*	538.48 cm	Battery saver		
Overall he	ight	56.8*	144.3 cm	Carpet, 13.5-oz., color-keyed, floor		
Overall wi	dth	78.2*	198.6 cm	Cupholders, dual, ashtray-mounted		
Tread: Fr	ont	63.4"	161.0 cm	Defroster, rear window		
Re	ear	65.3*	165.8 cm	Fuel filler cap, tethered		
Base mode	el curb weight	3968 lbs.	1800 kg	Fuel tank – 19 gal. (72 liters)		
	capacity (gasoline) : Vehicle - BTU content equivalent to 10	19 gals. gallons of gasoline	72 liters	Gauge cluster, voltmeter, oil pressure, water temperature, fuel level and trip odometer		
Front Seat	Head room	39.4*	100.1 cm	Glass – solar tinted, full		
	Shoulder room	60.8*	154.4 cm	Glove box, illuminated, large bin, lockable with dampened glove box door		
	Hip room	57.1"	151.6 cm	Headlamps, automatic with on/off delay, Natural-Gas Vehicle only		
	Leg room, maximum	42.5"	108.0 cm	Ignition system, distributorless (coil on plug)		
Rear Seat	Head room	38.0"	97.0 cm	Luggage compartment trim – full		
	Shoulder room	60.3"	152.9 cm	Map lamp, header-mounted 21 C.P.*		
	Hip room	59.0*	149.9 cm	Map pockets - integral front door		
	Leg room, minimum	39.6"	100.3 cm	Mirrors - exterior, black, foldaway, dual remote-control power		
Luggage C	ompartment			Mirrors – interior, day/night, inside, rearview		
	capacity – Gasoline	20.6 cu. ft.	583.4 liters	Power steering, speed-sensitive, variable-assist		
	- Natural-Gas Vehicle	14.0 cu. ft.	396.4 liters	Safety belts, 3-point active for front and rear outboard passengers, lap center		
Liftover h	eight	26.6*	67.5 cm	rear (comfort adjustment on front seat shoulder belts)		
EPA passe	nger volume index	109.3 cu. ft.	3094.8 liters	Tilt steering column, stalk controls for washer/wiper, hi/lo beams, turn signal and		
Aerodynar	nics Coefficient of drag	.34	.34	flash-to-pass  Transmission, electronically controlled automatic overdrive with overdrive lockou		
Brakes						
Dual hydr	aulic, power four-wheel disc system			Voltage regulator, electronic		
	diameter	12.4*	31.5 cm	Wheel covers, full		
Rear disc	diameter	11.1"	28.2 cm	Windows, power Windshield wipers, interval, dual-jet washers		
Sequentia EEC-V ele	nent: 281 cubic inches; 4601.0 cm al multi-port electronic fuel injection ctronic engine controls compression ratio: 9.0:1 (gasoline),		s Vehicle)	UNIQUE POLICE INTERCEPTOR FEATURES  Accessory feed wires: one ignition feed (3 connectors, 30-amp fuse) one direct feed (3 connectors, 50-amp fuse)		
Cast-in-bl	ock accessory mounting brackets	10.0.1 (110.0.1. 0.0		Alternator, 130-amp, heavy-duty w/unique drive pulley for improved charging system output at idle		
	timing chain tensioner			Axle ratio, rear 3.27:1 (n/a Natural-Gas Vehicles)		
	geable aluminum cylinder heads			Battery, extra heavy-duty, 84 amp-hr (750 CCA) with heat shield		
	n followers	4.1.1.a		Bodyside molding delete, front door (molding shipped in trunk)		
	cooling system with dual-speed elec	tric fan		Brakes, 4-wheel disc, police level		
Horsepow	er and Torque Ratings	N-4-	ral Gas Vehicle	Conventional headliner without grab handles		
••••••	Gasoline Vehicle		hp @ 4500 rpm	Cooling package, police level, with 8-blade plastic fan		
Torque	285 lbs ft. @ 3000 rp	- Westernal	ft. @ 3250 rpm	Decklid release located in center of instrument panel (gasoline-fueled vehicles only)		
4-speed a	on: AOD-E automatic			Door trim panels, door lock buttons, window controls and power seat controls, where applicable on armrests		
-	shift control			Drive shaft and U-joints, heavy-duty (n/a Natural-Gas Vehicles)		
4th gear overdrive  4th gear lockout (on transmission select lever)				Engine, unique gasoline, 4.6L with police pursuit calibration including increased idle speed for improved charging system output and cooling		
_	economy ratings – city/highway	See ye	our Ford Dealer	Engine oil cooler (n/a Natural-Gas Vehicles)		
Chassis				Exhaust system, stainless steel, dual (n/a Natural-Gas Vehicles)		
Body-on-frame perimeter construction				Frame and body mounts, heavy-duty		
stabilizer	spension: independent SLA coil spri bar, 1:1 ratio coil springs	180 ST00	10.00	Light, engine compartment  Lock system, single key (all vehicles different)		
	surized hydraulic front shock absort			Power steering gear, unique, for improved road feel, with front-mounted		
Gas-pressurized hydraulic rear shock absorbers, double-acting, angle mount				oil cooler		
Speed-se	nsitive steering, variable-assist, para	allelogram, front s	teer with center link	Radio, electronic AMFM stereo including electronic digital clock (n/a Natural-Ga		
Ball and	nut recirculating gears			Vehicles)		
Overall gear ratio: 16.4:1 Watts linkage rear suspension with stabilizer bar				Seats, cloth bucket – manual reclining with anti-stab plate driver/passenger – excludes armrests		
	ons based on 1997 model content.			Speedometer, electronic certified calibration in 2 mph increments, 0 to 140 mph		

Suspension, police, heavy-duty front and rear springs, shock absorbers and

stabilizer bars

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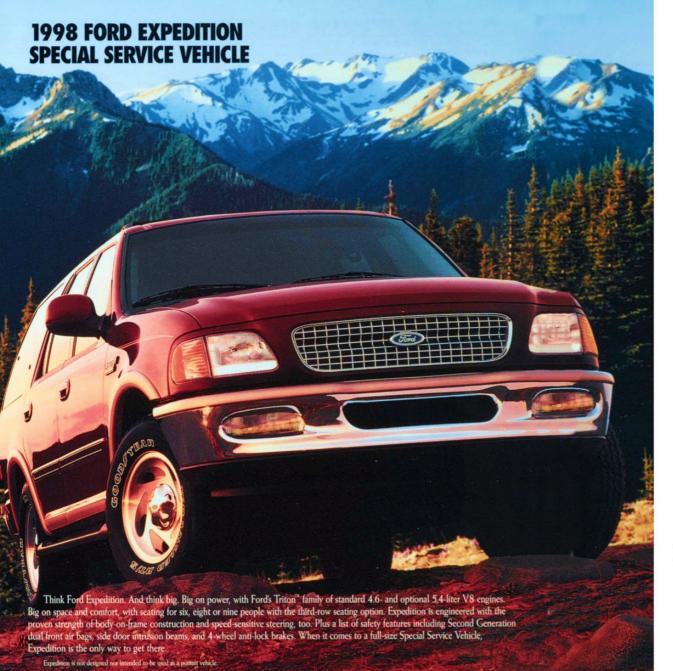
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Tires, P225/60R16-97V BSW, all-season speed-rated with conventional spare

Wheel covers - full (stainless steel/plastic composite with stainless steel retainers)

Transmission oil cooler, external, front-mounted

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### SPECIFICATIONS

Drivetrain	4x2 or 4x4
Engine type	4.6-liter V8; 5.4-liter V8 optional
Induction system	Sequential multi-port electronic fuel
12000 B (* 1200 B).	injection with EEC-V computer
Compression ratio	9.0:1
Transmission	Electronic 4-speed automatic OD (4.6L/5.4L)
Horsepower, SAE net (4.6)	. V8) 215 @ 4,400 rpm
Torque, SAE net (4.6L V8)	290 lbsft. @ 3,250 rpm
Horsepower, SAE net (5.4)	. V8) 230 € 4,250 rpm
Torque, SAE net (5.4L V8)	325 lbsft. @ 3,000 rpm
Battery	72 AH; 650 CCA maintenance-free with battery saver
Alternator	130 amps, 1,950 watts
Frame	Boxed front to rear axle; six crossmembers; 36,000 psi
Front suspension (4x2)	Independent SLA, coil spring (computer-selected),
7 3 3	gas-pressurized shock absorbers, stabilizer bar
Front suspension (4x4)	Independent SLA, torsion bar,
	gas-pressurized shock absorbers, stabilizer bar
Rear suspension	Coil spring variable-rate 5-link type
	with outboard 4-link and a lateral track bar,
	gas-pressurized shock absorbers, stabilizer bar
Transfer case (4x4)	2-speed, low-to-high gear ratio 2.64:1 – 1.00:1
Control-Trac	Center disconnect front axle, "set and forget"
4WD system (4x4)	computer controlled when set in A4WD.
	Other settings are: 2H (2-wheel high),
	4H (4-wheel high) and 4L (4-wheel low)
Steering	Power-assisted recirculating ball, speed-sensitive
	with variable assist, 16.1:1 overall ratio
Brakes	4-wheel anti-lock
Fuel tank	26 gallons (4x2); 30 gallons (4x4)
Wheels (type/size)	Argent styled steel/16*x 7.0*J
Tires	P255/70R16 BSW all-season

### MAJOR STANDARD EQUIPMENT

	xterior
	Black-out treatment – B-pillar
	Bumper - chrome front and chrome rear step (4,000 lb. towing rating)
	Door handles – color-keyed
	Glass – solar tinted all around
	Gloves, tire change
	Grille – bright surround with argent insert
	Headlights – aerodynamic
	Liftgate – ofie-piece, hinged at top, w/flip-open glass
	Mirrors - dual fold-away power
	Stoplight, center, high mounted
	Taillamps – two-color
	Wheel trim - styled steel
	Wipers, front - speed-sensitive, intermittent
r	aterior
	Second Generation air bags – driver and front passenger SRS
	Air conditioning (manual)
	Ashtray
	Carpet – color-keyed, full-length
	Ggarette lighter (black)
	Coat hooks – color-keyed (4)
	Dome/map light, front – with LH/RH door and liftgate courtesy switches
	Door trim panels - color-keyed plastic full door with armrest

Glove Dox - Cold	or-keyed latch
Assist handles -	three
Headliner – colo	or-keyed, molded cloth
Heater/defroste	r – forced ventilation system
Hood release - i	inside
Horn – dual-not	e
Illuminated entr	ry system
Instrument pane	el – color-keyed full-width pad, side window demisters,
air registers, colo	or-keyed applique
Instrumentation odometer and t	– includes four-gauge cluster with warning lights, trip achometer
Key – Remote K	eyless Entry with two key fobs
Courtesy lights -	- include ashtray, glove box, engine compartment, front door
puddle and rear	cargo lamp
Tie-down hooks	- four
Mirror rearview	- day/night manual

### panel and liftgate Power point - 12 volts Radio - Premium AMFM stereo/cassette, with digital clock and four speakers Safety belts - adjustable-height for all outboard passengers

Moldings'trim panels - color-keyed A-pillar, B-pillar, cowl side, rear quarter

Scuff plates - color-keyed, plastic, side doors and liftgate Seats - cloth, 40/60 split front bench Steering wheel - color-keyed

Visors - color-keyed, cloth, LH and RH, w/RH visor vanity mirror Warning chimes - headlights-on, key-in-ignition, and safety belt

### **AVAILABLE OPTIONS**

Glove box - color-keyed latch

5.4L/Automatic O/D	0
California Emissions System	0
High altitude principal use	0
Knitted vinyl bucket seats	0
Floor mats	S
Heater, engine block	0
License plate bracket	0
Rear intermittent wiper/washer/defroster	5
Illuminated running boards	0
Speed control	0
3.73 limited slip/Trailer Towing Package	0
Electronic AM/FM stereo/clock/cassette/premium sound	0

FLEET SPECIAL PACKAGE	Codes	
	52	
Vinyl bucket seats in Medium Graphite w/driver manual lumbar		
Second-row vinyl bench without armrest/cupholder		
Vinyl floor covering		
Vinyl visors without auxiliary visors		
Deletes floor mats		
642 styled steel wheels		
Painted front and rear bumpers		
Deletes Remote Keyless Entry (key fobs) and illuminated entry		
Black painted mirrors		
Black painted door handles		
Black painted door moldings		
£4		

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# **1998 FORD EXPLORER SPECIAL SERVICE VEHICLE**



What has made the Ford Explorer the best-selling sport utility? Everything. And it all makes Explorer the ideal Special Service vehicle as well. Standard 4.0-liter SOHC V6 or optional 5.0-liter V8 for the performance you require for your particular application. 4-wheel antilock brakes for straight and sure stopping action under virtually any condition. Safety features including Second Generation depowered dual front air bags and side door intrusion beams. Plenty of passenger and cargo space, too. Plus your choice of 2- or 4-wheel drive. Explorer has everything.

Explorer is not designed nor intended to be used as a pursuit vehicle.

### **SPECIFICATIONS**

Drivetrain	4x2 or 4x4
Engine type	4.0-liter OHV V6; optional 4.0-liter SOHC V6 and 5.0-liter V8
Induction system	Multi-port electronic fuel injection with EEC-V computer
Transmissions	Standard 5-speed manual OD; optional 5-speed automatic OD; optional 4-speed automatic OD (V8)
Battery	72 AH; 650 CCA maintenance-free with battery saver
Alternator	95 amps
Security	SecuriLock * passive anti-theft system
Frame	Ladder-type, single channel with six crossmembers
Front suspension	Independent SLA, torsion bar (computer selected), gas-pressurized shock absorbers, stabilizer bar
Rear suspension	Semi floating-type rear axle (limited-slip differential optional), 2-stage variable-rate leaf springs (computer selected), gas-pressurized shock absorbers, stabilizer bar
Steering	Power-assisted rack-and-pinion, 17:1 ratio
Brakes	4-wheel power disc with 4-wheel anti-lock system
Fuel tank	21 gallons
Wheels (type/size)	5-hole disc/15°x 7.0°
Tires	P255/70R15SL all-season

### MAJOR STANDARD EQUIPMENT

Black-out trea	itment – B-pillar
Bumper - brig	tht front and rear trailer tow with rub strip (3500-lb. cap.)
Door handles	- body color
Glass – solar t	nted windshield and front door windows
Gloves, tire ch	ange
Grille - bright	with painted insert
Headlights - a	ero
Liftgate - one	-piece, hinged at top, wiflip-open rear window
Mirrors - LH/P	H sail-mount outside (manual)
Stoplight, hig	h mounted
Taillamps - tri	color
Tires - P225/7	PRx15SL BSW all-season
Wheel trim -	full-face steel
Wipers, dual i	ntermittent – front
terior	
Air bags - driv	er and right-front passenger SRS
Air conditioni	ng (manual)
Ashtray	
Carpet - color	-keyed, full-length
Cigarette ligh	ter (black)
Coat hooks -	color-keyed (2)
Dome light, ca	argo area
Dome/map lig	ht, front - with LH/RH door and liftgate courtesy switches
Door trim par	els – color-keyed plastic full door with armrest
Glove box - co	olor-keyed latch
Grab handles	- three
Headliner – co	lor-keyed, molded cloth
Heater/defros	er - with flow-through ventilation

Horn – dual-note	
Illuminated entry	
Instrument panel – color-keyed full-width pad, side window air registers, color-keyed applique	v demisters
Instrumentation – includes four-gauge cluster with warning trip odometer and tachometer	g lights,
Key – (plastic head) same key for ignition and locks	
Load floor tie-down hooks – four	
Mirror, rearview – day/night manual	
Moldings trim panels – color-keyed A-pillar, B-pillar, cowl si rear quarter panel and liftgate	de,
Power point - 12 volts	
Radio – large bezel electronic AMFM stereo, with digital c two speakers in quarter trim panels (main speakers in door	
Safety belts – adjustable-height front shoulder belts	
Scuff plates – color-keyed, plastic, all doors and liftgate	
Seats – knitted vinyl front bucket seats; rear splitifolding w	headrests
Steering wheel – black	
Visors – color-keyed, cloth, LH and RH, w/RH visor vanity m	rror
Warning chimes – headlights-on, key-in-ignition, and safeti	belt

### **AVAILABLE OPTIONS**

Electronic AMFM stereo/clock/CD player

5.0L/Automatic O/D	
California Emissions System	
High altitude principal use	
Cloth captain's chairs	
Integrated rear child seat	
Heater, engine block	
License plate bracket	
Power Equipment Group	
Rear intermittent wiper/washer/defroster	
Speed control/leather-wrapped tilt wheel	
3.73 limited slip/Trailer Towing Package	

SPEC	IAL SERVICE PACKAGE	DSO Order Codes
Base:	4.0L SOHC engine	RPA
	5.0L V8 engine	RPB
	Battery: heavy-duty 78 amp-hr	
	Radio noise suppression	
	Roof wiring prep package	
	Severe duty service manual	
Package	1:	
(interior graphite only) 4.0L SOHC engine		RPD
	5.0L V8 engine	RPE
	Base package	
	Map lamp (21 CP)	
	Courtesy lamp switches inoperative	

Inoperative rear door locks and windows

(power windows and locks operative driver only)

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## **BUMPER-TO-BUMPER COVERAGE**

The 36-month/36,000-mile bumper-tobumper coverage of Ford's New Vehicle Limited Warranty covers the complete vehicle (except tires, battery, service adjustments and other items covered under separate provisions) against defects in factory-supplied materials or workmanship. For complete information, see your Ford Dealer.

Optional Ford Extended Service Plans can cover major components on new Ford cars and light trucks for longer than the vehicle's basic warranty. Your Ford Dealer has full details.

### MUNICIPAL LEASE/ PURCHASE FINANCING

Municipal Lease/Purchase Financing is available to state and local governments. For details, call Ford Municipal Leasing, toll-free, at 1-800-241-4199.

# SPECIFY GENUINE FORD COLLISION REPAIR PARTS

Genuine Ford sheet metal and plastic replacement collision parts, such as hood, doors, fenders and bumper components, are the right choice – and for all the right reasons.

Genuine Ford parts are equal to original parts in fit, finish and structural integrity. Ford parts are the same as those used on new vehicles which are certified to meet Federal Motor Vehicle Safety Standards. And all Ford sheet metal parts are covered by the exclusive Ford Lifelong Sheet Metal Guarantee.

Ask your dealer to see a copy of this limited warranty. Don't settle for imitations. Ask your insurer to authorize genuine Ford collision parts.

### **OPTIONS AVAILABILITY**

Options shown or described in this catalog are available at extra cost and may be offered only in combination with other options or subject to additional ordering requirements or limitations.

### PRODUCT CHANGES

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