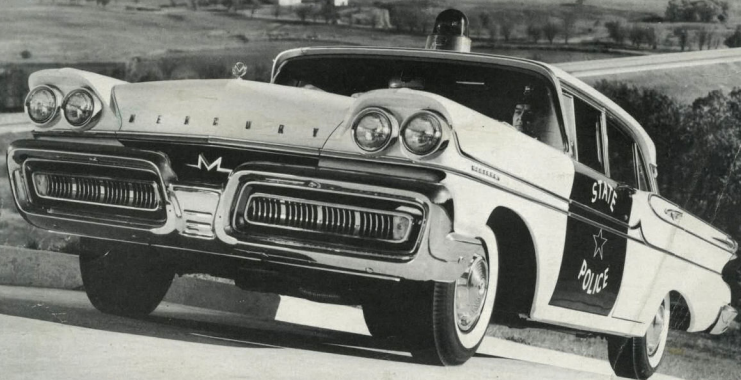


*on guard for law and order*

# MERCURY POLICE CRUISERS





# Mercury offers the most powerful, most rugged Police Cruiser on the road today!

## PERFORMANCE-PROVED FOR EVERY KIND OF LAW ENFORCEMENT REQUIREMENT

For 1958, Mercury Police Cruisers are far ahead in all the features that count for law enforcement. Mercury, alone, offers a family of revolutionary new Marauder V-8 engines with horsepowers ranging from 312 to 400... for superlative performance under all driving conditions. Advanced Merc-O-Matic Drive, with new push-button Keyboard Control, tailors this mighty Marauder power to deliver instant response in every driving range. Conventional and Overdrive transmissions are also available. In addition, Mercury's brilliant combination of road-smoothing and handling features keeps a man fresh and alert for duty over the long hours and miles of patrol.

There are many other big *plus* benefits when you specify Mercury for your police work. Ruggedly built for long, dependable life and a greater price at resale, each model has exclusive safety features for vital protection, and offers many heavy-duty options to withstand the rigors of police duty. In addition, swept-back ball-joint front suspension provides

greater control and handling ease. Mercury's self-adjusting brakes never need periodic adjustments to compensate for lining wear. They adjust themselves *automatically* throughout the life of the linings, to reduce swerving and to give surer, safer stops. Since police work goes on around the clock, Mercury's Quadri-Beam headlamps help reduce the strain of night driving by means of a better illumination pattern.

A low center of gravity helps Mercury Police Cruisers hug the ground. Combined with a sturdy, heavy frame... evenly-balanced weight distribution... full-cushion shock absorbers... Mercury Police Cruisers provide rapid rebound control over rough roads, yet give a soft, "just paved" feel on average road surfaces.

These are just a few of the important reasons why Mercury Police Cruisers are the first choice of State Highway Patrols and police in many parts of the country... and why you will want to specify Mercury for your police work.

MERCURY MONTEREY 2-DOOR SEDAN POLICE CRUISER

(Also available as a 4-door sedan. See cover)

POWER... ON DEMAND... TAILORED TO YOUR COMMAND!

## Mercury offers the newest, most efficient engines ever created for Police use

### CHOOSE FROM THESE 3 REVOLUTIONARY MARAUDER V-8'S WITH COOL-POWER DESIGN

Mercury's team of Cool-Power Marauder V-8's outdates other automobile engines. Each delivers performance never before achieved in a police car.

For every law enforcement requirement, there's a Marauder V-8 available. The 360-hp Marauder has reserve power to meet any emergency situation—it's *standard*, if requested, in all Mercury Police Cruisers. (Competitions' standard police car engines are far below Mercury's in power!) The 312-hp Marauder engine is designed for all-purpose control—city or turnpike. The 400-hp Super

Marauder engine provides extra, lightning-fast interception, plus the maximum speed and performance you may need to meet special requirements.

The four basic concepts of the Marauders' advanced Cool-Power design are: (1) new wedge-shaped in-block Combustion Chambers, which subject cylinder heads to less heat, eliminate carbon-forming pockets, help engine operate at peak economy; (2) new 3-stage Cooling System for a fast supply of hot water for cold-weather warm-up, smoother all-weather performance; (3) new

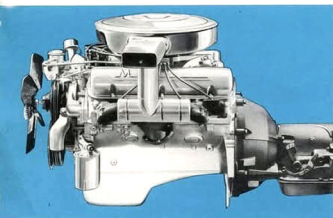
Water-flow Intake Manifold for better control of intake temperatures and reduction of hot-weather starting problems to give longer engine life, better fuel economy; and (4) new Cool-head Valves—exhaust valves alternate with the cooler intake valves to help eliminate power-robbing hot spots. In addition, short-stroke, low-friction design, 4-barrel Thermo-Matic Carburetor, higher ratio of power-to-engine weight, 10.5 to 1 compression ratio, and controlled turbulence—all contribute to the new, high efficiency of these V-8 engines.

#### 3-WAY CHOICE OF TRANSMISSIONS ON 312-HP ENGINE

**MERC-O-MATIC DRIVE WITH KEYBOARD CONTROL**—Advanced Merc-O-Matic Drive responds swiftly, instantly, to a touch of the entirely new Keyboard Control. Through every driving range, on hill or highway, or in traffic, the greater torque capacity of the new, stronger Merc-O-Matic Transmission tailors the Marauder power to your command.

**OVERDRIVE**—Mercury Overdrive delivers real gas economy, increasing gas mileage as much as 20% with no loss of power. The 4th forward speed reduces engine revolutions—increases engine life—decreases noise level.

**CONVENTIONAL**—Mercury's conventional transmission has helical-cut gears that reduce clutching effort, give larger contact areas. Block-type synchronizers provide smoother shifting.

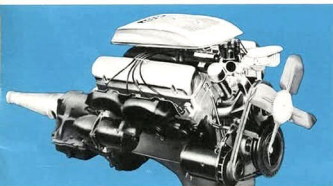


#### ● 312-HP MARAUDER V-8

The standard engine on Mercury Police Cruisers. Its basic specifications are as follows:

|                            |                   |
|----------------------------|-------------------|
| Displacement               | 383 cu. in.       |
| Bore & Stroke              | 4.3 in. x 3.3 in. |
| Horsepower (@ 4600 rpm)    | 312               |
| Torque (lbs-ft @ 2900 rpm) | 405               |
| Compression ratio          | 10.5 to 1         |

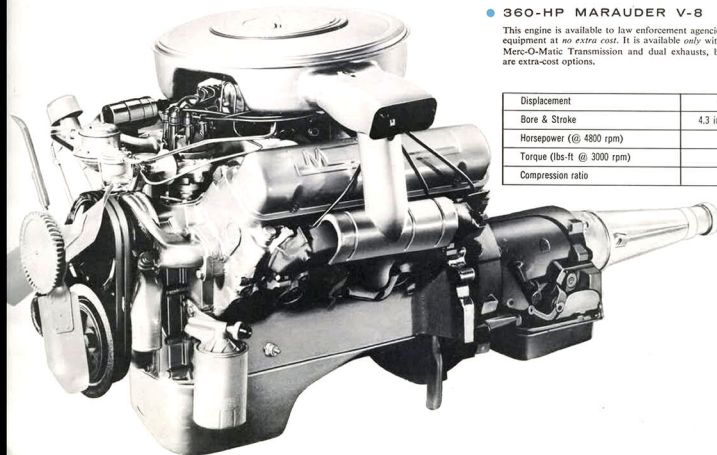
See top of facing page for transmission choice on this engine.



#### ● 400-HP SUPER MARAUDER V-8

This engine is an extra-cost option for lightning-fast interception, plus maximum speed and performance. Available only with Multi-Drive Merc-O-Matic Transmission and dual exhausts.

|                   |                   |
|-------------------|-------------------|
| Displacement      | 430 cu. in.       |
| Bore & Stroke     | 4.3 in. x 3.7 in. |
| Horsepower        | 400               |
| Compression ratio | 10.5 to 1         |

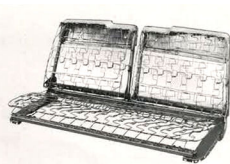


#### ● 360-HP MARAUDER V-8

This engine is available to law enforcement agencies as standard equipment at no extra cost. It is available only with Multi-Drive Merc-O-Matic Transmission and dual exhausts, both of which are extra-cost options.

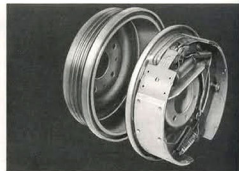
|                            |                   |
|----------------------------|-------------------|
| Displacement               | 430 cu. in.       |
| Bore & Stroke              | 4.3 in. x 3.7 in. |
| Horsepower (@ 4800 rpm)    | 360               |
| Torque (lbs-ft @ 3000 rpm) | 480               |
| Compression ratio          | 10.5 to 1         |

## Mercury options especially designed for Police and Emergency work



### HEAVY-DUTY SEAT SPRINGS

Special seat spring construction affords reliable long life.



### HEAVY-DUTY BRAKE LININGS

Mercury's Super-Safe self-adjusting brake linings automatically compensate for lining wear. A wide brake lining is available, front and rear.



### NYLON TIRES

Tempered-nylon tubeless tires withstand impact damage better, resist bruises, sustain heavy flex strains.



### EXTRA-HEAVY-DUTY BATTERY

12-volt battery of 72 ampere-hour capacity—lasts longer, is more dependable under heavy loads.



### HEAVY-DUTY RADIATOR

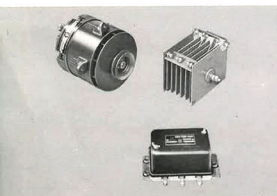
Has more fins per square inch—improves engine cooling while idling or driving.



### VINYL UPHOLSTERY

This material provides long wear... is easily cleaned and is more durable.

A COMPLETE LINE OF HEAVY-DUTY, FACTORY-INSTALLED EQUIPMENT FOR ECONOMY, EFFICIENCY, COMFORT



### LEECE-NEVILLE ALTERNATOR

Gives long life, dependable performance, generates a charging current at all vehicle speeds. 50, 60, and 100 amperes.



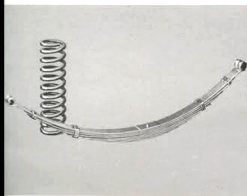
### HEAVY-DUTY GENERATOR

This dual-drive generator has low cut-in speed in 30 ampere size. Choose from 30, 50, or 60 amperes.



### EXTRA-CAPACITY SHOCK ABSORBERS

These shock absorbers carry maximum loads, give longer life, increase stability.



### HEAVY-DUTY SPRINGS

Front coil springs and semi-elliptic rear springs are designed to withstand constant patrol operation.



### OTHER

### RECOMMENDED

### OPTIONAL FEATURES

- Power Brakes
- Power Steering
- Power Seat
- Power Windows (Driver-Controlled)
- Safety Seat Belts
- Padded Instrument Panel
- Padded Sun Visors
- Heater-Defroster
- Back-up Lights
- Windshield Washer
- Heavy-Duty Rubber Floor Mats
- Foam Rubber Seats

# 1958 Mercury Police Cruiser Specifications

## CHASSIS

**FRAME:** Ladder-type with outward-curved side rails, and 5 cross-members. Side rails internally and externally reinforced.

**FRONT SUSPENSION:** Independent ball-joint front suspension with swept-back design. Permanently-lubricated threaded bushing for upper suspension arms. 10-coil front springs. Full-cushion hydraulic shock absorbers. Rubber-mounted, linkless front torsional stabilizer bar. Heavy-duty front coil springs and extra-capacity shock absorbers available.

**REAR SUSPENSION:** Splay-mounted, leaf-type rear springs. 55-inch long springs. Full-cushion shock absorbers.

**STEERING:** Ball and rack type gear. Steering shaft straddle-mounted. Over-all steering ratio 31.0 to 1 manual, 24.0 to 1 with optional power.

**BRAKES:** Internal-expanding, hydraulic type with self-adjusting brake linings. 11-inch drum. Brake shoe width—3 in. front; 2½ in. or 3 in. rear. Total braking area 233.4 sq. in. (254.6 sq. in. with heavy-duty rear brakes). Independent mechanical parking brake. Step-on parking brake pedal.

## ENGINES

**400-H.P. SUPER MARAUDER V-8:** 400-hp, 430-cubic-inch displacement. Compression ratio, 10.5 to 1. Bore and stroke, 4.3 in. x 3.7 in. Three 2-barrel carburetors. Available only with Multi-Drive Merc-O-Matic Transmission.

**360-H.P. MARAUDER V-8:** 360-hp @ 3000 rpm. 430-cubic-inch displacement. Compression ratio, 10.5 to 1. Bore and stroke, 4.3 in. x 3.7 in. Torque rating, 480 lb-ft @ 4600 rpm. Dual exhaust.

**312-H.P. MARAUDER V-8:** 312-hp @ 4600 rpm. 383-cubic-inch displacement. Compression ratio, 10.5 to 1. Bore and stroke, 4.3 in. x 3.3 in. Torque rating, 405 lb-ft @ 2900 rpm.

**BASIC CONSTRUCTION:** One-piece V-8 block. In-block combustion chambers. Water-cooled intake manifold. Cool-Power design eliminates hot spots. Aircraft-type, low-friction pistons.

**FUEL SYSTEM:** Low-silhouette 4-barrel Thermo-Matic Carburetor (three 2-barrel carburetors on Super Marauder engine). Dual temperature-controlled carburetor air intakes. Dry-type carburetor air filter.

**ENGINE LUBRICATION:** Full-pressure lubrication with simplified oil line pattern. Internally mounted, rotor-type pump. Capacity, 5 quarts. Forced-air crankcase ventilation.

**ELECTRICAL:** 12-volt system. High-capacity, dual-drive generator. High torque "Folo-Thru" starter. Combination centrifugal-vacuum spark control. Front-mounted distributor. 66-plate battery for vehicles with conventional or overdrive transmission; 79-plate battery with Merc-O-Matic transmission.

**OVERHEAD VALVES:** Free-turning, rotating type valves. Intake valve-head diameter, 2.08 inches with 383 cu. in. engine; 2.14 inches with 430 cu. in. versions. Exhaust valve-head diameter, 1.77 in.

**COOLING SYSTEM:** 3-stage cooling with 21½ quart capacity (with optional heater). 3 thermostats adjust cooling capacity to needs.

**EXHAUST SYSTEM:** Center-outlet exhaust manifold with extra-large passages. Dual exhaust standard on 360-hp Marauder V-8.

## POWER TRAIN

**MERC-O-MATIC TRANSMISSION:** Combination of fluid torque converter and 3-speed planetary gear train. Mechanical Keyboard Control drive selector. Multi-Drive Merc-O-Matic affords choice of low-gear or intermediate-gear starts. Oil capacity, 21 pints—Merc-O-Matic, 23 pints—Multi-Drive.

**CONVENTIONAL TRANSMISSION:** Selective gear type with three speeds forward, one reverse. All gears helical. Constant-mesh second gear. Overdrive with 4th forward speed (.72 to 1 ratio) optionally available for Monterey and Commuter models.

**REAR AXLE:** Hypoid gears with straddle-mounted pinion gear. Rear-axle ratio is 2.69 to 1 with 312-hp engine, and 2.91 to 1 with 360-hp and 400-hp engines. With conventional transmission or overdrive, the rear-axle ratio is 3.56 to 1.

## BODY

**SEDAN DIMENSIONS:** Wheelbase, 122 inches. Over-all length, 213.2 in. Over-all height, 56.6 in. Over-all width, 81.0 in. Hip room (f) 61.3 in. (r) 62.9 in. Effective headroom (f) 33.9 in. (r) 33.2 in. Effective leg room (f) 44.2 in. (r) 43.4 in.

**STRUCTURE:** Welded steel body. Front-hinged hood. Combination bumper-grille. Double-panel door, hood, and deck lid construction. Safety door locks. Two-stop front doors. Dual headlamps. High-level outside air intakes on cowl. Windshield area 1169 sq. in. Total sedan window area, 3991 sq. in.

**MAJOR OPTIONS\*:** Merc-O-Matic with Keyboard Control, Power-Booster Fan, power steering, power brakes, 4-way power seat, heater-defroster, overdrive, power-operated windows, power lubrication, tinted windows, nylon tires, padded instrument panel, padded sun visors and seat belts, Air Cushion Ride, dual exhaust, Super Marauder V-8 engine, full-circle horn ring, heavy-duty radiator, Leeco-Neville alternator, choice of upholstery material, heavy-duty generator, heavy-duty brakes, heavy-duty front and rear springs, extra-capacity shock absorbers.

\*Optional at extra cost.

†Standard on some models

Mercury Division of Ford Motor Company, Dearborn, Mich., reserves the right to discontinue or change, at any time, model specifications or design without incurring obligation.

ANY 1958 MERCURY MODEL CAN BE ADAPTED TO YOUR  
LOCAL POLICE SPECIFICATIONS. SEE YOUR MERCURY DEALER.