

## SEVERE DUTY EQUIPMENT

### INTRODUCTION TO EQUIPMENT ON POLICE/TAXI AND HEAVY-DUTY VEHICLES

These vehicles are manufactured with heavy-duty parts that are designed specifically for the varying demands and unique requirements under which police and taxi automobiles and others in heavy-duty daily service are operated. Such options are incorporated during the vehicle assembly. Components that are part of the option packages are listed below and on the following pages with a brief outline of their major features and their contribution to overall vehicle performance, handling and usage.

#### TRANSMISSION

##### Operation of the Automatic Overdrive Transmission (Electronically Controlled) (AODE) — Crown Victoria

To move the shifter out of P (Park), the ignition key must be turned to either the OFF or the ON position. This vehicle is also equipped with the shift-lock feature which prevents shifting the transmission out of the Park position without the brake pedal being depressed.

When shifting from P (Park) or N (Neutral) to any drive gear, hold foot on service brake while engaging the transmission. Gradually release the service brake and drive away in a normal manner.

**WARNING — Hold the brake pedal down while you move the gearshift from position to position. If you do not hold the brake pedal down, your vehicle may move unexpectedly and injure someone.**

PRND21

ELECTRONICALLY-CONTROLLED AUTOMATIC  
TRANSMISSION SELECTOR INDICATOR

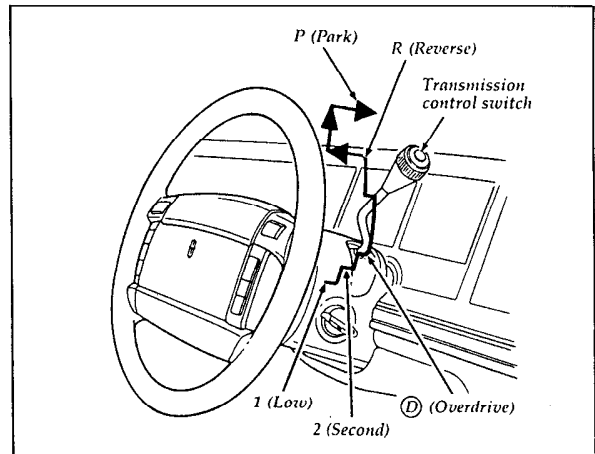
1993 Crown Victoria police vehicles are designed to operate in the  $\text{D}$  (Overdrive) gear selector position in pursuit.

## SEVERE DUTY EQUIPMENT

Optimum performance will be obtained in  $\text{D}$  (Overdrive). Operating in the overdrive cancel mode should only be used for engine braking effect.

**NOTE —** The electronic engine control computer will force an upshift to overdrive after prolonged high speed/high temperature operation.

The overdrive cancel mode is controlled by a button on the shift lever. An instrument panel indicator light shows that the overdrive cancel is engaged.



**CAUTION — Driving in the overdrive cancel mode for prolonged periods at high speeds will deteriorate performance and may cause extensive engine damage.**

**NOTE —** The 1993 Crown Victoria police vehicle has a unique high-performance powertrain, including transmission and an aluminum driveshaft, which is designed for maximum vehicle performance. Due to the nature of this powertrain, some powertrain noise might be present.

**WARNING — Under no circumstances should the aluminum driveshaft be replaced with a steel driveshaft. Doing so will adversely affect vehicle operation which could lead to personal injury.**