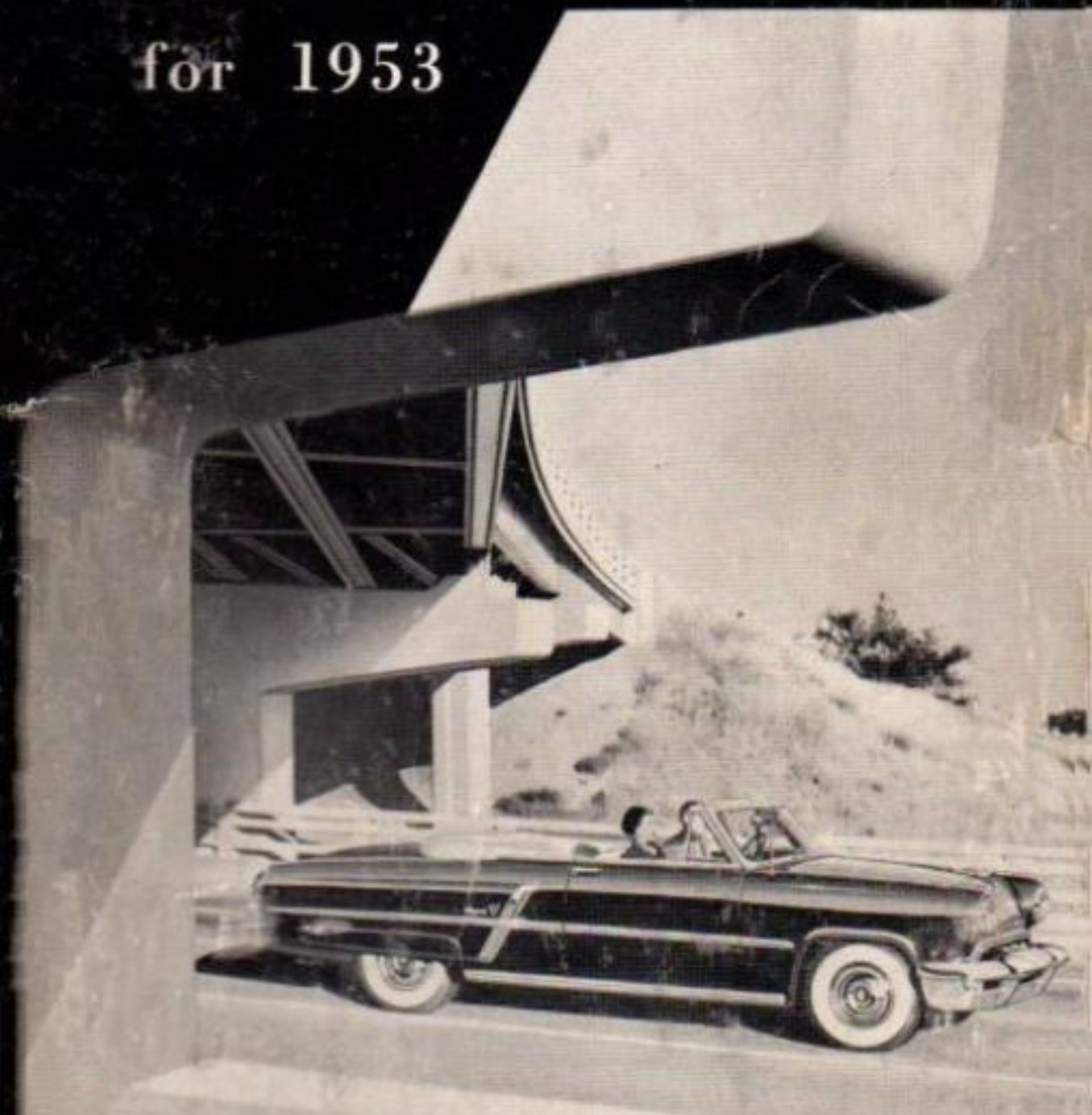
LINCOLN

for 1953



Your guide to modern motoring



Capri Special Custom Coupe

Congratulations on



Cosmopolitan Custom 4-Door Sedan



Capri Special Custom Convertible

selecting a LINCOLN

As a new Lincoln owner, you can look forward to many miles of the finest motoring possible. Whether you're driving a Cosmopolitan or a Capri, you're sure of performance never before experienced. Your new Lincoln has new power, new luxury features, and styling that leads the fine car field. It is one of the finest cars ever built by Ford Motor Company. It has been precision manufactured, scientifically tested and thoroughly inspected. It is now ready to give you many hours of pleasant motoring. To help you get full enjoyment and satisfaction from your new Lincoln, we have provided this booklet to act as a guide to a better understanding of its operation, and to furnish you with helpful information on its care and maintenance. We'd like to have you read it carefully, and keep it in the glove compartment as a handy reference book.

LINCOLN DIVISION
Ford Motor Company
Detroit 23, Michigan

The keys to your 1953 Lincoln

Two sets of keys are furnished with your Lincoln. For your protection, the key number is stamped on the small metal tag accompanying each key. Duplicates can be obtained from your Lincoln dealer by referring to these numbers.

The key with the shield head is for the ignition and front door locks. A half-turn toward front of car locks the door, a half-turn toward back unlocks it.

The key with the round head is for the glove compartment and trunk lock.



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SECTION 1

Getting Acquainted With Your Lincoln

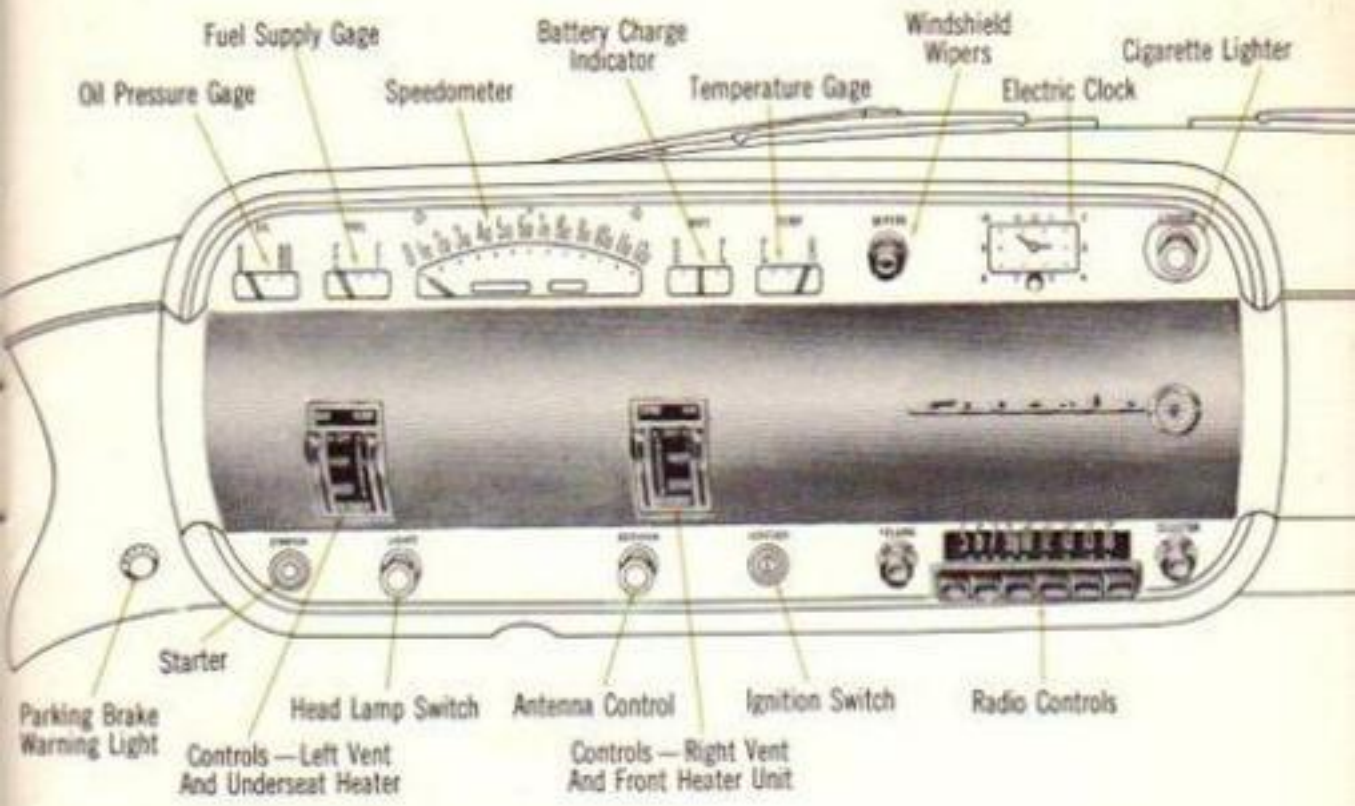
When you step into your new car and are seated behind the steering wheel, the controls and instruments are all convenient to use and see. All of these driving aids are scientifically arranged in interest of safety and convenience. Your important instruments are spaced horizontally along the top of the instrument panel directly in front of driver, where they are quickly and easily read. All controls and switches are chrome-plated or combinations of chrome and black plastic. Instruments have white lithographed letters or numbers, and have soft, indirect edge lighting.



Instruments and controls are arranged for safety and convenience

Ignition Switch

Located on the lower instrument panel just to the right of the steering column is the key-operated ignition switch. Turning key to the right turns on ignition, electrically operated gages and accessories. Turning key to left permits using accessories and



electric instruments. When key is in center position, switch is "OFF." *The ignition keyhole is lighted when the parking lights are "ON."*

Starter

Starter button is at the left of steering column on the lower instrument surpanel. To start engine, depress accelerator slightly and press starter button. As a safety precaution, starter operates only when automatic transmission selector lever is in "N" (neutral) position. This starter has a "Follow-Thru" type drive designed for the Lincoln engine with automatic transmission. When the starter drive is engaged it remains engaged until the engine is turning at about 350 rpm. This prevents engine from stopping after firing once or twice. When engine is cold it automatically idles fast until it warms up.

Head Light Switch

Head lights are controlled by the two-position push-pull switch just to the left of the steering column. "OFF" is with the knob all the way in. Parking lights, tail lamps, and instrument panel lights come on at the middle position, half-way out. All way out is for the head lights. *Intensity of instrument panel lighting can be controlled by rotating the knob.* Turning it clockwise increases

illumination, and counterclockwise decreases it. Head lamp beam control is at the left end of the toe-board. The high beam indicator is a small red light that glows on the speedometer dial face when the high beam lights are on.

Windshield Wiper and Washer Control

The windshield wiper knob on the upper surpanel controls the dual "wide arc" windshield wipers. Turning the knob clockwise starts the wipers. Wiper speed is regulated as desired by rotating the knob. The control button for the windshield washers* is in the center of the knob. Spray from the washers permits instant cleaning of dust, mud, or splash at the moment driving vision is impaired. All you do to start the spray is press the washer button, hold it momentarily, and release. Windshield wiper operation on your Lincoln is exceptionally quiet because the vacuum driven wiper motor is in the engine compartment. This location has the additional advantage of being easily accessible for inspection and service.



Knob controls windshield wiper operation

Dual Heater and Vent Controls

You have at your finger tips complete control of the Lincoln's dual outside air heating* and ventilating system. The four levers on the main instrument panel regulate the amount of air admitted, its distribution, and temperature to which it is heated. The right pair of controls are for the right air inlet and windshield defroster. The left pair control the left air inlet and underseat heater. The two heater installations are completely independent and individually controlled. There's a lighted indicator card for each unit. (See "Comfort Control" Heating and Ventilating for more details about operation of Lincoln's heating and ventilating system.)



Four handy levers control heating and ventilation

**Optional at extra cost*



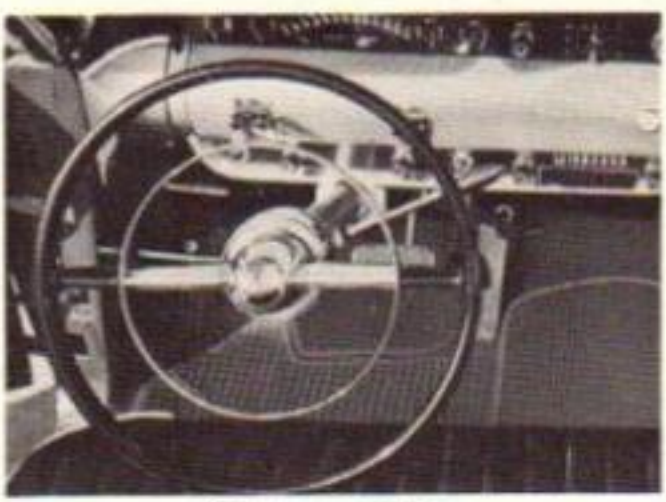
"Finger-tip" lever controls turn signals

Turn Signal Lever

The turn signal lever is positioned on the steering column for left hand finger-tip operation. Your turns are signaled ahead by flashing light in the parking lamp, and to the rear by a flashing light in the tail lamp. Moving the lever down gives left turn signal. Moving it up signals a right turn. The lever automatically returns to center position and stops the signal when turn is completed.

Drive Selector Lever and Indicator Dial

Driving the Lincoln Cosmopolitan or Capri you enjoy the combination of Lincoln power and fully automatic HYDRA-MATIC Transmission. Both the drive selector lever and indicator dial are conveniently placed for hand and eye on the steering column. The shift selector extends slightly beyond the steering wheel for finger-tip control and operation. The dial, positioned at the top of the steering column, serves as your compact, easy-to-read automatic transmission control panel. Its four positions —"N", "^{4}DR^{3}", "LO", and "R"—cover the entire range of operations.



Shift lever and dial are convenient for hand and eye

*Lincoln Power Steering**

If your Lincoln has optional power steering you will enjoy the ease of handling possible with hydraulically assisted power steering and ball-joint front suspension. Lincoln power steering has *both* hydraulic power, which helps whenever more than finger-tip pressure is needed on the wheel, and direct mechanical linkage. The mechanical linkage will provide safe steering without the aid of the hydraulic system.

* *Optional at extra cost*

Hydra-Matic Transmission

Your Lincoln has an improved Hydra-Matic Transmission. Teamed with the powerful 205-horsepower high-compression Lincoln V-8 engine, this improved Hydra-Matic Transmission gives you new smoothness and exceptional performance for all driving conditions.

It provides two selective driving ranges—an economy range (Dr^4) for open highways and normal cruising—and a performance range (Dr^3) for city traffic and mountainous driving. Economy range (Dr^4) has four forward gear ratios, with a fourth or cruising gear that gives lower engine speed for smoother, quieter operation, longer engine life, and increased fuel economy. Performance range (Dr^3) provides three forward gear ratios—"locking out" fourth gear so that the transmission stays in rapid-acceleration first, second, and third gears to give faster pick-up, quicker response, and better engine braking when descending steep hills.

The Hydra-Matic control lever may be moved at will between these two positions—thus, at any time, you can select the range that's best suited for the particular driving requirements.

The four positions on the selector-dial are: "N" for neutral—"$^4Dr^3$" for normal driving—position "4" when cruising, and "3" when driving in traffic or mountainous terrain. "LO" for low range—and "R" for reverse. With the automatic controls, these positions cover the entire range of operation.

To Start Engine

Move drive selector lever to "N". Starter will not operate until this is done. This is a safety feature to prevent starting the car in gear. Turn ignition switch "ON", depress accelerator slightly, and press starter button.



For Normal Driving

For normal forward driving on the *open highway*, move the control lever to "Dr^4" position. To go, merely press the accelerator. To stop, merely step on the brake pedal. Gears will shift automatically, according to the speed of the car



and your pressure on the accelerator. For *city traffic* and mountainous driving when more pick-up and power is desired, move the lever to "Dr3".

To Stop Car

For normal driving simply release accelerator and step on brake pedal. It isn't necessary to move the shift lever. If car is stopped on an upgrade, it can be held stationary by depressing accelerator pedal slightly. This should not be done for extended lengths of time, or on very steep grades.

Operating in "Lo" Range



"Lo" range is provided so that you can start out in second gear. This is desirable for "creeping" on ice and snow, since it reduces the tendency of the rear wheels to skid. If more power is required, press the accelerator to the floor, and the transmission will shift down to first gear (below approx. 10 mph).

For Added Acceleration

Extra pick-up is instantly available through the Hydra-Matic "kick-down" feature. This is obtained simply by pressing the accelerator to the floor. In "Dr4" position (below approximately 63 mph), the transmission will automatically shift down to the more powerful third gear. In "Dr3" (below approximately 25 mph), the transmission will shift down to second.

Downhill Braking

When extra engine braking is desired (when descending a hill), move the lever to either "Dr3" or "Lo". "Dr3" gives sufficient engine braking for average downhill requirements. For steeper grades, "Lo" gives added engine braking (below approx. 45 mph).

Parking



For added safety in parking, shut off engine when selector lever is at either "4Dr3" or "Lo" and then move it to "R" position. This locks the car in gear, and prevents it from rolling forward or backward. Applying parking brake provides additional braking, and is also recommended whenever car is parked.

For Reverse

Stop the car and hold it stationary with foot brake. Raise the drive selector lever and move it to "R" (reverse) position. Remove foot from brake pedal and depress the accelerator.



To "Rock" Car

The car can be "rocked" to free it from sand, mud, snow, or ice by moving the selector lever back and forth between "Lo" and "R". With the specially designed cone-type clutch in the reverse planetary system, no pause is necessary in the shifting.



Pushing Car to Start Engine

Should it be necessary to start the engine by pushing the car, move the control lever to "N" (neutral). Turn the ignition switch "on", and when the car reaches a speed of approximately 20 mph, move the lever to "Dr3". Do not push the car faster than 25 mph, for more than two miles, as damage to the transmission may result.

Engine Idling

The car should not be idled for any length of time with the transmission in gear. When engine idles for any period longer than required for a traffic "stop" signal, the selector lever should be moved to "N", neutral, position. If you leave the car with engine running—even if only momentarily—shift lever should be at "N" and parking brake set.



Towing

With transmission in working order and having been operated a minimum of 1,000 miles, car may be towed as much as two miles at speeds not to exceed 25 mph. If it becomes necessary to tow the car greater distances, make sure transmission is protected by disconnecting drive shaft at rear universal joint or that rear of car is raised by tow truck.

Safe, Sure Braking

Aircraft-type Brake Pedal

The brake pedal operating the four-wheel hydraulic brakes is an aircraft-type pedal suspended from the instrument panel bracket.

Lincoln brakes are the "auto-action" self-energizing type, which, because of their design and construction, give effective braking with low pedal pressure.



Brake pedal—above

Parking Brake

The T-handle for the independent parking brake is mounted below the instrument panel, left of the steering column. To set parking brake, pull out on T-handle. To release, give a quarter-turn counter-clockwise and return to normal position. The parking brake applies the brakes on both rear wheels.



Parking brake handle

Your Lincoln is equipped with a parking brake warning lamp which flashes whenever the ignition is turned "ON" and the parking brake is set. This helps protect your brakes by warning that the parking brake has not been released.

*Power Braking**

If your Lincoln is equipped with power brakes you will have still easier braking because of assistance provided by the vacuum booster cylinder. The booster uses engine manifold vacuum. Operation of the brakes is unchanged by this assistance. You still have direct mechanical linkage connecting brake pedal and brake master hydraulic cylinder. You'll find vacuum power assistance available for one or two stops immediately after engine is turned "off" because of the vacuum reserve tank. With engine "off" and reserve exhausted, mechanical linkage operates the brakes.

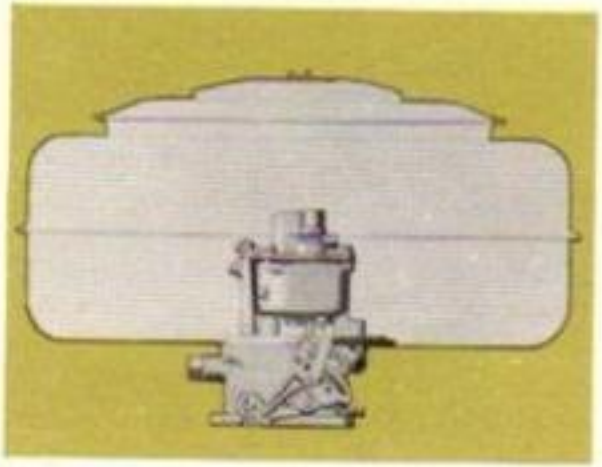
**Optional at extra cost*

About Fuel for Your Lincoln

Your 1953 Lincoln engine is a high-compression engine and has been engineered to use premium fuel. To insure the inherent exceptional performance of the increased (8 to 1) compression ratio, premium fuel is recommended.

Four-Barrel Carburetor

Your 1953 Lincoln has a new four-barrel downdraft type carburetor which provides better fuel economy and contributes to the increased power output. Two barrels on the primary side furnish fuel-air mixture for normal driving. For rapid acceleration and higher speeds, all four barrels are in operation. Valves in the secondary pair start to open when primary side valves are approximately two-thirds open.





New Lincoln four-barrel carburetor

An automatic choke provides the correct amount of choke action for quick, easy starting and greater fuel economy. The automatic fast-idle control functions with the choke system during the warm-up period. The new carburetor is equipped with a hat-type air cleaner, newly designed to increase its air cleaning capacity. Because carburetors are precision assemblies, Lincoln dealers are equipped with scientific test equipment for making adjustments necessary for peak performance and economical operation.

"Hide-Away" Fuel Fill Pipe

The spring-loaded rear license plate holder, hinged at its bottom edge, covers the gas tank fill pipe. This eliminates having an outside cap, or a door cut through one of the fenders; avoids chipped paint, stains. Fuel tank capacity is 20 gallons.

Locking Fuel Tank Cap

The locking fuel tank cap, available as an accessory, can be installed in place of the standard filler pipe cap. The locked cap protects your fuel supply against theft and tampering. Also helps prevent loss of cap itself. Your dealer can supply this useful accessory for your Cosmopolitan or Capri.

Break-In Period



A few precautions in operation of your Cosmopolitan or Capri when the car is new will aid proper breaking in, and contribute to its longer life, performance, and economical operation.

It is advisable to keep below 40 mph for the first 100 miles. During this period the brand-new highly machined metal surfaces will acquire a protective film of oil. From 100 to 500 miles, drive at speeds up to 50 mph and accelerate frequently to 60 mph for short distances, not to exceed two miles. From 500 to 1000 miles, higher speeds may be maintained for short distances. The speeds at which the car is driven should of course be in keeping with state and local traffic regulations.

During the break-in period, speed should be varied so the car isn't operated at constant speed, either fast or slow, for an extended period of time. It is a good practice throughout life of the car, and especially during the break-in period, whenever you start with a cold engine to keep speed under 30 mph until engine warms up.

Other precautions suggested by Lincoln service engineers are: Avoid unnecessary wide open throttle operation until past the first 1500 miles; avoid rapid accelerations during break-in; do not accelerate engine to extremely high rpm when car is standing still; and observe engine water temperature and oil pressure gages frequently.

Practical-Luxury Appointments

Many interior appointments add to the convenience and luxury of your Lincoln Cosmopolitan or Capri, and serve practical purposes which add to the pleasure of Lincoln motoring.

Cigarette Lighters and Ash Receivers

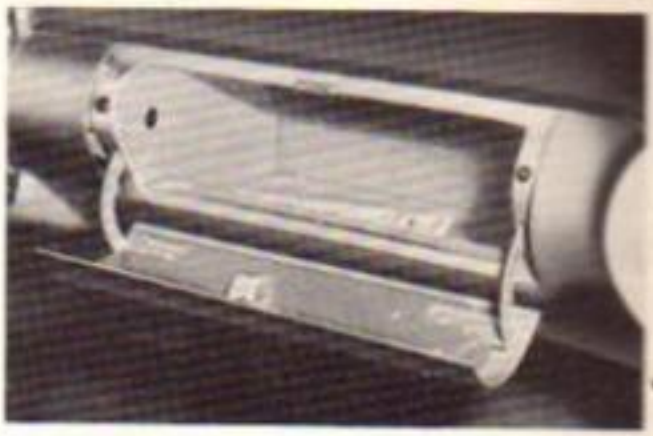
Cigarette lighters and ash receivers are located conveniently within reach of all passengers. Cigarette lighters are the automatic type. Push in and release. The lighter clicks out automatically when ready for use. Lighter and ash receiver for front compartment are close together near center of instrument panel. In Cosmopolitan and Capri 4-door Sedans, the lighter and ash tray unit for rear seat passengers is centered on the front seat-back.



Handy front seat ash receiver

Glove Compartment

The lock for glove compartment is in the push-button release latch and is locked or unlocked with the round-head key. This key also unlocks the trunk compartment. The large-size glove compartment, occupying the right end of the instrument panel, provides a convenient carrying space for road maps, gloves, purses, flashlight, or other travel necessities. When the door is open it forms a convenient shelf. The glove compartment is lighted by a light which comes on automatically whenever the compartment door is opened.



Large glove compartment

Dual Sun Visors

The dual interior sun visors are mounted on hinges so they can be used either in front or on the sides. When not in use, they can be turned up and be completely out of the way.

Rear View Mirror

The wide rear view mirror, mounted at top of the windshield, is adjustable to provide excellent rear-view vision for driver. Both left and right outside rear view mirrors are available as accessories. A rear view mirror also is available as a spotlight attachment if you prefer this accessory combination.

Courtesy Lights

Large courtesy lights installed in the lower front corners of front seat are operated automatically by either front door. Automatic rear door switches also turn on courtesy lighting in the Cosmopolitan and Capri 4-door Sedans. Rear seat lighting for other models is controlled manually.



Courtesy light *Center armrest*

Armrests

Each door has a long slender armrest, which also serves as a convenient door pull. A wide center armrest is provided for rear seat passengers. When not in use, this folds neatly into the seat back.

Robe Rail

The robe rail on back of the front seat provides a convenient carrying place for blankets, coats, and other articles. The Cosmopolitan Custom and Capri Special Custom 4-door Sedans have one long robe rail. On all models having split-type front seats, there's a robe rail on the back of each seat.

Window Controls

Windows are raised and lowered by either attractively styled hand cranks, or electric window lifts which are optional extra cost equipment. Each electrically controlled window has its own electric motor which operates the window control mechanism. A control button is provided for each electrically operated window except on the driver's door which carries a complete set of four buttons. Pressing a button up raises the window; pressing down lowers it. Vent windows on doors are crank-operated, and are locked with a sturdy chrome-plated latch.



Electric window controls—left; manual controls—right

Vacation-size Trunk Compartment

For greatest convenience in opening trunk compartment, merely turning the key both unlocks and releases the latch. The counter-balanced deck lid then can be easily raised and stays in position after it's raised. A light comes on automatically to illuminate the trunk whenever either the parking or head lamps are on. Because of the well-forward position of rear seat, extra width of rear body, and vertical position of the spare tire, there's space in the trunk for vacation-size loads of luggage. The scissor-type hinge is specially designed to allow more usable trunk space and avoid interference with luggage.



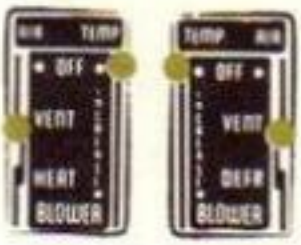
Lincoln trunk has extra-large carrying capacity

"Comfort-Control" Heating and Ventilating

The "Comfort-Control" heating* and ventilating system gives you complete control—right at your finger tips—of the amount of air taken in, its distribution, and the temperature to which it's heated. This is a complete dual system with two large vent tubes extending back to the passenger compartment from air intakes just behind the bumper-grille, two hot water heater units, each with an electric driven blower fan, and two sets of controls.

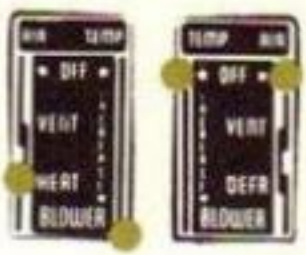


Ventilation



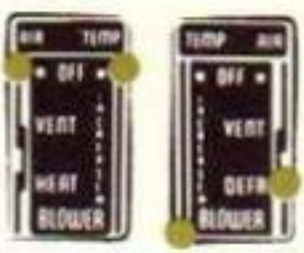
Move both left and right air valves to "VENT" position. Temperature control is at "OFF". Ram effect resulting from car's forward motion forces outside air through ducts which discharge into front compartment. Either air vent can be used individually.

Heating with Underseat Unit



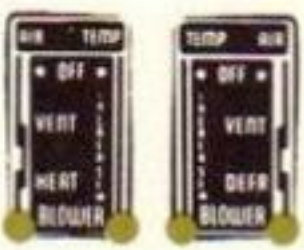
Use only the left set of controls. Move air valve to "HEAT" and move temperature control down to desired level. The blower fan for underseat heater comes on automatically when air valve lever is all way down to "BLOWER" position. Until blower starts, air is forced through heater by ram effect.

High-Capacity Defrosting



Use the right set of controls. Move air valve to "DEFR" and temperature control down. Blower fan comes on when air valve is moved all way down to "BLOWER" position. Defroster also functions with ram air, and under some conditions this is adequate for keeping windshield clear. A door in the metal heater cover can be opened to let out part of the heated air. For maximum defrosting this door should be closed.

Maximum Heating, Defrosting



Move all four control levers all way down. This produces maximum volume of hot air from both the front unit (windshield defroster) and underseat heater unit. When driving at moderate or higher speeds, ram effect usually produces ample volume of air for heater or defroster units. Either or both of the blower fans can be turned off simply by moving the air valve control levers up slightly.

**Heater units are optional extra cost equipment.*

SECTION 2

Taking Care of Your Lincoln

Proper Care Adds Tire Life

Your new Lincoln Cosmopolitan or Capri is equipped with extra-low pressure tires which provide a larger air cushion, greater traction for starting or stopping, and give a much softer ride. Regular attention to tire pressure, tire rotation, and front-wheel alignment will help add thousands of miles to life of your tires and avoid emergency repairs. The following paragraphs contain recommendations on how to obtain greater tire mileage.

Tire Pressure



Pressure of all tires, including the spare, should be checked weekly. The check should be made when tires are cool or cold, because the pressure increases after traveling a few miles. Recommended tire pressures (checked cold) are:

	Front	*Rear*
Closed Cars (8.00 x 15 tires)	26 lbs	22 lbs
Capri Convertible (8.20 x 15)	24 lbs	22 lbs

On long trips, particularly in hot weather, tire air pressure will increase. This is normal, and air should NOT be bled from tires because of the increase. Location of spare tire in its vertical position in trunk compartment permits easy access for checking pressure, or for removal when changing tires.

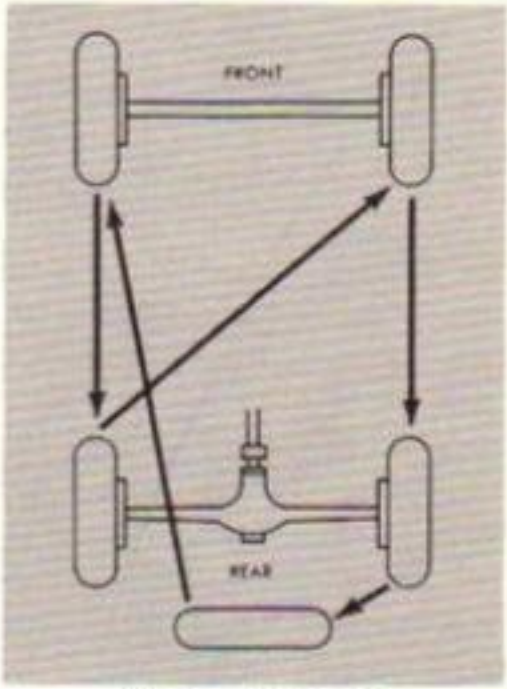
Tire Rotation

To equalize wear on all five tires and thereby prolong the safe service life, Lincoln service engineers recommend a regular schedule for tire rotation. This is especially important when the car

is new. The suggested plan is to interchange tires as indicated on the diagram every 2,000 or 3,000 miles for the first 10,000 miles, and every 4,000 to 5,000 miles thereafter.

Front Wheel Alignment

The ball-joint front suspension on your new car is one of the outstanding engineering achievements of the new 1953 Lincoln Cosmopolitan and Capri. In this advanced front wheel suspension, adjustment of front wheel alignment is greatly simplified and more permanent. For example, camber or caster are adjusted simply by changing the U-shaped washers in the upper control arm.



Rotation adds tire life

Lincoln service engineers recommend having front wheel alignment checked by your Lincoln dealer every 5,000 miles, or at any time abnormal steering or tire wear develop. These checks which can be made quickly by your dealer, will keep your Lincoln Cosmopolitan or Capri with the ball-joint front suspension system the best-handling and best-riding car on the road.

Wheel Balance

To compensate for any variations in tires and tubes, every wheel is "balanced" at the factory when the tire and tube are installed. Proper wheel balance contributes to tire life and pleasure of driving. As tire wear affects balance of the wheel and tire assembly, balance checks should be included in the periodic service for your car. Your Lincoln dealer is equipped to perform this service when you need it.



Cleaning Tires

The appearance of either white side-wall or black tires is improved with proper cleaning. Mild soap, warm water and a stiff brush remove ordinary road grime and scuff marks. Do NOT use gasoline or other oil products as these may damage the rubber and possibly discolor tire. Lincoln White Side-Wall Cleaner is excellent for maintaining the fine appearance of white-wall tires.

How to Change Tires

Changing tires on your Lincoln Cosmopolitan or Capri need not be difficult provided the recommended procedures are followed. You need as tools only the easy-to-use crank-type bipod jack, and the lug wrench, which you will find in the luggage compartment. The paragraphs below explain use of jack, removing rear fender shields, and other helpful information.

With the new bipod jack it is not necessary to set the parking brake unless car is stopped on a slope where it would roll before weight is on the jack. After weight is on bipod jack, its triangular construction will control the weight of car.

Construction of the bipod jack is such that the car moves forward or backward slightly as car is raised and lowered. In case you have not been using a jack of this type, you will appreciate its advantages when you become familiar with its operation. If you raise car on a slope, you may prefer to have blocks handy as an extra precaution while car is raised. The blocks should be placed on downhill side of wheels.

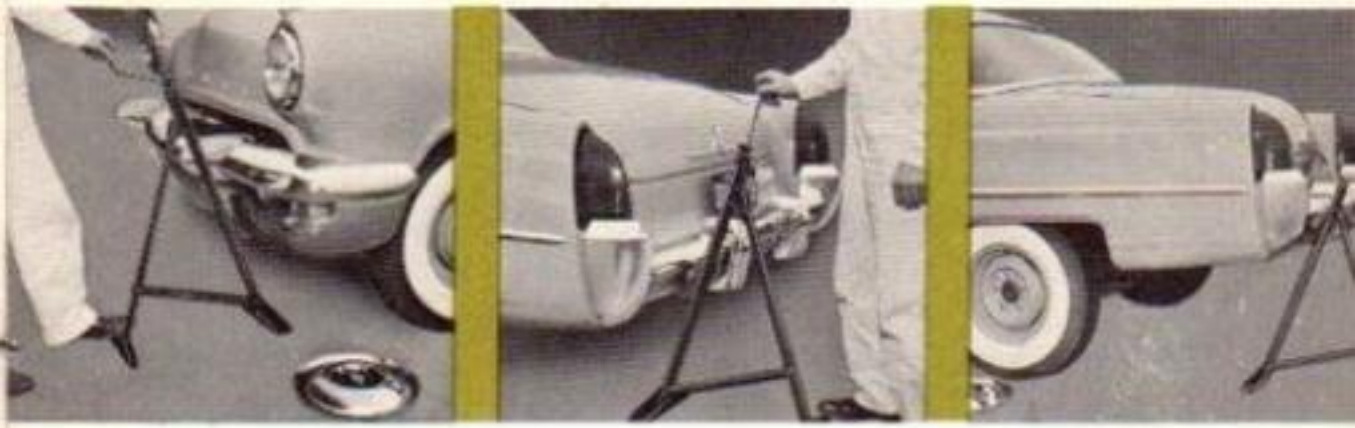
If you should have a flat tire while driving, stop as quickly as you can with safety.

1. Remove spare wheel from luggage compartment and place next to the wheel to be removed.

2. Remove wheel disc from wheel by prying the edge up with the flat end of lug wrench. Then slightly loosen (about one turn) the five nuts holding wheel in place.







3. Put bipod jack base under bumper—slightly inside the wheel to be raised. Crank movable part of jack up until V-shaped notch is under edge of bumper. Turn crank to raise car.
4. Remove wheel nuts. Pull wheel off and immediately replace with spare. Install nuts and draw them up snugly, making certain tapered edge of each nut enters recess in wheel, but do not tighten them until all nuts are drawn up ready to tighten.
5. Turn crank to let car down. Then tighten each nut carefully. Replace hubcap, being sure it's snapped into place all around.

Removing Rear Fender Shields

When a rear fender shield is to be removed, the following procedure is suggested:

1. Locate end of locking rod, under edge of fender shield. Push locking rod toward the wheel slightly until it is free; then pull rod down and outward.
2. Slide fender shield toward front until its rear "guide" is free. Then slide shield back until front is free, and remove.
3. To replace fender shield, put front "guide" rod in place, and slide shield forward as far as it will go. Then put rear "guide" rod in place and slide shield back to its normal position. Press fender shield toward fender until flush. Push locking rod upward until upper end is inside fender. Replace end of locking rod on flange inside of shield.



Use of Tire Chains

Tire chains, especially helpful when driving in snow or mud, should be used on rear wheels only. To avoid the possibility of damage to the fender shields, the shields should be left off when chains are in use. Lincoln service engineers have the following suggestions for best results with chains:

1. Leave enough slack so chains can "creep" slightly.
2. Use springs or "equalizers" to keep chains taut, and prevent damage to fenders.
3. Removing chains when driving on hard surface roads will lengthen the life of the chains.
4. Carry spare links for emergency replacements of broken links.

Use of Engine Oil

Proper engine lubrication is vital to the long life and economic operation of your new Lincoln Cosmopolitan or Capri. Although the car may usually be serviced at an authorized Lincoln dealership, it is important for the operator to know how to check oil, when to change it, and the type required.

Checking the Oil

Oil level is indicated by the steel rod (dipstick) which extends down into the oil pan reservoir through a guide on the right front side of the engine. The dipstick is marked "Full" and "Add Oil." Oil level should be checked frequently, and with the engine stopped.



Check oil level frequently

Oil, preferably the same kind and weight, should be added whenever the level drops to the "add oil" mark. When adding oil, put in one quart at a time and check the dipstick each time. DO NOT OVERFILL. It is a good practice of course, to have the oil at the "Full" level when starting a long trip.

Changing Oil

The special break-in oil put in the engine at the factory should be drained at 500 miles and replaced with the oil recommended for the prevailing temperature. After draining break-in lubricant, engine oil should be changed every 2,000 miles, or every three months, whichever occurs first.

Quantity: The engine requires five (5) quarts of oil, the refill capacity. When oil filter cartridge is changed, an additional quart of oil is required.

Quality: "PREMIUM" type oils (A.P.I.* classification MM) are recommended for use in average passenger car service under normal driving conditions, such as low and medium speed driving with only an occasional long run at high speed.

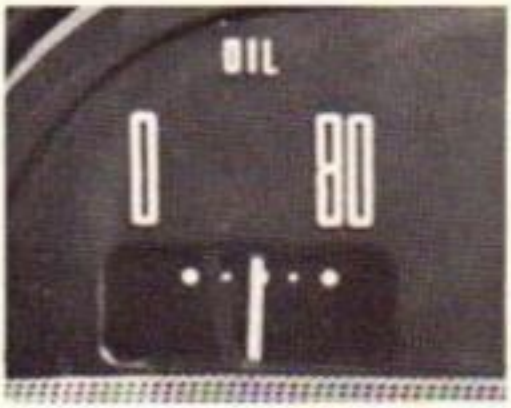
Under more severe driving conditions where the engine is required to develop more (nearly full) power for a much greater percentage of the time, such as in mountain climbing and at sustained high speeds, "HEAVY-DUTY" type oils (A.P.I.* classification MS) are recommended.

Proper Weight: The body of any oil varies with its temperature. Cold oil is thicker than hot oil. In winter, light weight oil gives better lubrication because it flows more easily. In summer, heavier oil is needed, since it thins out with higher engine temperature. Oil weight (viscosity) is designated by number as specified by the Society of Automotive Engineers.

If the weather you expect will be summer weather (above freezing) use SAE 20 or 20W. In winter weather (below freezing) use SAE 10W. For sustained extremely cold weather (colder than −10° F) use SAE 5W.

Oil Pressure Gage

While dipstick shows the amount of oil in reservoir, engine oil pressure is indicated by the oil pressure gage on the instrument panel. Oil pressure should always be indicated when engine is running. Normal pressure reading at 45 mph, or above, is approximately the center of the gage.



Normal oil pressure

**American Petroleum Institute*

Full-flow Oil Filter

The full-flow oil filter, base-mounted on the crankcase on the left side of engine, helps keep oil clean by removing dirt, minute metal particles, and foreign matter. The oil filter cartridge should be changed every 4,000 miles under normal conditions, and more often if car is operated in dusty areas. Oil should be changed when a new filter cartridge is installed, and an extra quart of oil added to provide for filter capacity.

Crankcase Ventilation

Air circulates all through the inside of the new Lincoln engine to carry off any water vapor, gases or fumes. To prevent dirt, dust or other foreign matter from getting into the engine, the crankcase vent system has two air cleaners. One is in the oil filler cap, and the other is in the ventilator body on the road draft tube.



Oil filter should be changed every 4000 miles

Your dealer will clean and oil the two air filters as part of the maintenance service you order. Under normal operation, this should be done every 2,000 miles, or more often if in dusty areas.

Servicing Carburetor Air Cleaner

All air entering the carburetor passes through the oil-bath filter which also serves as the top of carburetor and intake air horn on the Lincoln overhead valve engine. The filter consists of two sections, the lower oil sump, and the upper part which is filled with a filtering mesh.

The filter removes dust and dirt from incoming air and thereby protects the engine from damage.

Because the foreign matter accumulates in both the oil reservoir and the maze of mesh, it is important to keep both clean to assure efficient operation. For this reason, the service schedule calls for

checking filter every 1,000 miles; and a complete cleaning of both oil reservoir and filter mesh, if examination shows considerable foreign matter in the oil sump.

If car is operated in severe dust, the oil-bath filter should be cleaned every day to keep it at top efficiency. Your Lincoln dealer will check the filter for you at the time of each 1,000-mile chassis lubrication, and will completely clean filter when this service is needed.



Carburetor air cleaner is easy to service

Checking HYDRA-MATIC Transmission

Your Lincoln dealer will check lubricant in the HYDRA-MATIC Transmission at the time of each chassis lubrication. Lincoln service engineers recommend checking the HYDRA-MATIC Transmission every 1,000 miles. Care should be taken to completely clean the area around the transmission dipstick and filler plug before servicing. Fluid in the transmission should be changed every 25,000 miles. When adding lubricant, use Lincoln Automatic Transmission Fluid.

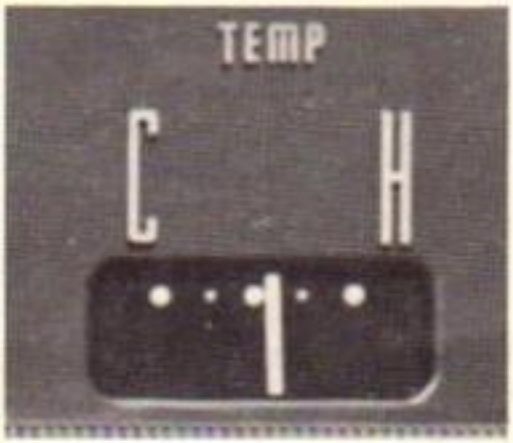


Use dipstick to check Hydra-Matic Transmission

Servicing Cooling System

Highly effective cooling is provided for the Lincoln engine by its series-flow pressurized cooling system. Two reasons for this excellent cooling are (1) the engine's advanced design simplifies cooling, and (2) automatic pressure regulation permits operation with pressures up to 15 pounds. *This means the cooling system pressure is automatically adjusted to the immediate cooling needs.* This is especially important when driving slowly in traffic, in hot desert country, or high mountains. Increased pressure, controlled by the regulator in radiator cap, prevents boiling of coolant, even when coolant temperature is considerably above the normal boiling point.

Temperature Gage: Normal operating temperature for the engine will have the temperature gage indicator approximately at the center, or slightly toward "H" from center. Higher indications are considered normal during hot weather or slow driving. When ignition is "OFF," needle rests at "H." If needle goes to "H" at any other time, stop and investigate the cause.



Gage shows temperature of engine coolant

Radiator Pressure Cap: The pressure regulator, which permits cooling system pressure up to 15 lb, is in the radiator cap. When removing cap, turn to the "partly open" stop, allow pressure to escape, then remove cap.



Let pressure escape slowly *Radiator cap controls pressure*

Cleaning Cooling System: The cooling system should be cleaned by flushing twice a year. Most owners prefer to obtain this service in Spring or Fall when removing or installing anti-freeze solution. Your Lincoln dealer will do this at nominal cost. If you prefer to do it yourself, this procedure is recommended.

1. Run the engine until water is warm, then shut it off.
2. Open all three drain cocks and let water run out. These are on lower radiator tank, and on lower sides of engine block.
3. Close drain cocks, refill with hot water, and drain again. Repeat procedure until drain water is clear.
4. If scale or rust is too great for this procedure, the Lincoln Cooling System Cleaner Kit is recommended. Your dealer can supply this kit.

Anti-Freeze: The kind of anti-freeze you use is a matter of individual preference. Solutions with either alcohol or ethylene glycol base, used in proper quantity, will provide protection against freezing. "Permanent" anti-freeze solutions with ethylene glycol base do not evaporate, require only occasional checking, and will protect your car against freezing, clogging, and rust formations for the winter season. Alcohol-type anti-freeze, due to evaporation, needs to be checked more frequently, and may require addition of more anti-freeze in order to maintain the protection desired. Always play safe by using the proper amount of anti-freeze of an established brand and purchased from a reputable dealer.



Play safe with anti-freeze

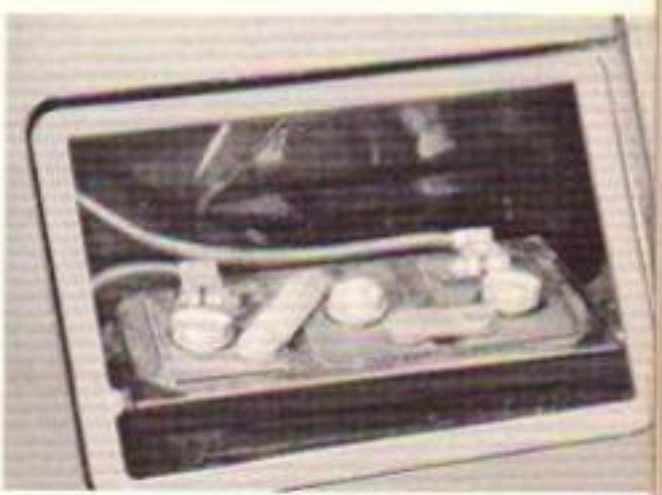
The recommended operating capacity with optional dual-unit heater is 23.5 qts.

Amount of Anti-Freeze: The following chart indicates the amount of anti-freeze necessary for the desired protection:

TEMP DEGREES	QUARTS ETHYL-BASE ALCOHOL	QUARTS METHYL-BASE ALCOHOL	QUARTS "PERMANENT" TYPE
20 F	4¼	2¾	3¼
10 F	6½	4¾	6
0 F	8¾	6	7½
—10 F	9¾	7½	9
—20 F	11¼	8¾	10¾
—30 F	12½	10	11¾

Battery Service

Your Lincoln has an aircraft-type battery with exceptionally good cold starting characteristics. The battery is housed in a metal carrier under the toe-board near the starter. This location, away from engine heat, keeps the battery cooler, an important factor for longer service life.



New 63-plate aircraft-type Lincoln battery

Water level in the battery should be checked every week; more often in hot weather. When adding water, use only distilled water, available at all Lincoln dealers. CAUTION: *Keep lighted cigarettes or flame away from top of open battery cells as a combustible gas is always present. Always have battery removed from car when it is to be recharged.*

Preserving Exterior Finish



Your Lincoln Cosmopolitan or Capri is finished with the best quality automotive paints, and with reasonable care will retain its fine appearance year after year. The following suggestions will help keep the new-car appearance:

1. Wash the car frequently. Use warm or cold water. Avoid using hot water. Do not use household soap. The finish, from time to time, may be cleaned, polished, and waxed, or given Porcelainize treatment. Lincoln body care preparations are specifically designed to help you keep your car looking new.
2. If tar or road oil gets on car body, it can be removed with kerosene or turpentine. If tar has remained on car for a period of time a commercial tar remover recommended by your dealer can be used.
3. Because national defense restrictions limit use of strategic materials, a new method of chrome plating, which produces the highest quality available under present restrictions, is used in plating many bright metal parts. In order to preserve the luster, all exterior bright metal parts finished by this method are initially protected with a coating of clear baked enamel. When cleaning chrome, use a soft cloth or sponge and clear water. A mild soap or detergent may be used. Sponge gently. Then rinse with clear water. Lincoln Chrome Coating is recommended for protecting bright metal against damage or discoloration. DO NOT scour chrome-plated parts with any type of abrasive. If it is necessary to remove rust, use chrome cleaner or a polishing compound sparingly on the area affected.

Blue Coral or Porcelainizing

Lincoln Blue Coral treatment or Porcelainizing will give the body a tough long-lasting finish. These are dry treatments that will deepen luster of the paint, and will not wash off. They are not waxes or polishes. They will not pick up dust or scum. If you wish to have this additional protection and extra fine appearance, your dealer can supply the Blue Coral or Porcelainize treatment.

Undercoating

As further protection against rust and corrosion your dealer can supply a protective undercoating, which protects both the frame and underbody. In addition, this special sprayed-on treatment reduces road noise, and provides additional insulation of the floor against winter cold and summer heat.

Care of Upholstery

The interior of your Lincoln Cosmopolitan or Capri is upholstered with several different materials, each one selected as best for the purpose. Upholstery and carpets require essentially the same care as home furnishings of similar material. The suggestions below will be helpful in keeping its fine interior appearance.

Upholstery Fabrics—Broadcloth, nylon and cord should be brushed frequently, and vacuumed at least once a month. Stains can be removed in much the same manner as from household furnishings. As all Lincoln Cosmopolitan and Capri seats and seat-back cushions have foam rubber, volatile-type fluid cleaners, which are harmful to rubber, should not be used. Lincoln Foam Upholstery Cleaner is recommended.

Vinyl Upholstery—Wipe with a damp cloth to remove dust, stains.

Leather Upholstery—Wipe with damp cloth to remove dust. To remove stains, sponge with warm water and mild soap. Sponge over area again with soft cloth moistened in clean water. Wipe dry with cheesecloth. Many owners use saddle soap for this purpose.

Embossed Cardboard Panels—Wipe with dry cloth to remove dust, or damp cloth for stains.

Deep-Pile Carpet—Brush often. Vacuum at least once a month.



The following suggestions may prove useful in removing stains from upholstery fabric:

Blood Stains—Use a clean cloth dampened with cold water. Never use hot water.

Fruit Stains, Ice Cream—Rub stain with clean cloth and hot water. Let dry, then use carbon tetrachloride.

Grease, Oil—For small grease or oil spots, use a clean cloth and Lincoln Spot Remover. If the fabric is saturated with oil, pour on cleaning fluid and soak up quickly with a white blotter. Then sponge spot with *cloth* dampened with cleaning solution.

Lipstick—Use cleaning solution and white blotter.

Milk, Nausea—Wash stain with warm soap suds. Then rub the stain with cold water and a clean cloth. Any remaining stains should be removed using a cloth moistened with Lincoln Spot Remover.

Candy—All candy stains, except chocolate, can be removed using hot water. (Ordinarily, the use of hot water on upholstery should be avoided.) Use Lincoln Spot Remover or carbon tetrachloride for chocolate stains.

Water—Sponge the entire panel with a clean cloth moistened with cold water. Sponge spots with cleaning fluid.

Lincoln Cleaners and Polishes

The upholstery materials and finish of your car will always be safe when you use the following recommended Lincoln cleaners and polishes. Detailed instructions for use are supplied with these materials.

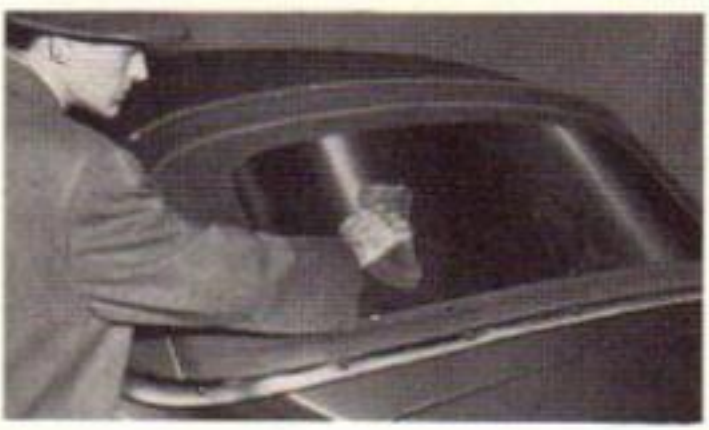


Lincoln Polishing Wax
Lincoln Body Polish
Lincoln Cleaner-Polish
Lincoln Spot Remover
Lincoln Foam Upholstery Cleaner
Lincoln Cleaner Wax
Lincoln Chrome Cleaner
Lincoln Chrome Coating
Lincoln White Side-Wall Cleaner

Care of Convertible Top

The convertible top should be washed with cold or warm water. To remove stains, sponge with warm water and mild non-caustic soap. Do not saturate, and sponge only gently.

The convertible rear window is a sheet of clear, double-thickness vinyl. Clean with water or moist cloth. Be careful not to scratch the surface.



Avoid leaving wet top folded as the fabric may mildew. The top cover is made of the same fabric as top and should be cleaned in same way.

The electric controls and mechanism for raising and lowering top should be inspected, adjusted, and lubricated by your Lincoln dealer at least twice a year.

SECTION 3

Warranties Protect Your Lincoln

Your new Lincoln Cosmopolitan or Capri is precision-engineered and built with the finest automotive materials. For your protection, the car is thoroughly inspected and serviced by your Lincoln dealer before delivery, and *every part is covered by a warranty.* The new car service and warranties are listed below.

Owner's Service Policy

The Owner's Service Policy issued by the selling dealer at time of the new car delivery provides for free inspection and service at 500 and 2,000 miles, and includes the warranty covering replacement of any parts found to be defective during the first 90 days or 4,000 miles following delivery, whichever occurs first. Any Lincoln dealer will honor this policy in case you are away from home. (Provisions are made on the Owner Service Policy for reimbursement of the cost of the 500 and 2,000 mile inspections if made by some authorized Lincoln dealer other than the selling dealer.)



Pre-delivery Inspection and Service

Your Owner's Service Policy states that the car has been completely inspected and serviced by the selling dealer before delivery. The dealer follows factory-recommended procedures for the service. The pre-delivery inspection form, which also serves as the 500 and 2,000 mile inspection check list, shows the services performed.

Battery Warranty



The battery installed in your new Lincoln Cosmopolitan or Capri is covered by a 90-day replacement warranty and adjustment policy that allows credit on pro rata basis for a period of 21 months. If for any reason your battery should fail, return it to your Lincoln dealer, or, if traveling, to the nearest authorized Lincoln dealership for examination and attention.

Tire Warranty

Tires and tubes carry a standard warranty provided by the tire manufacturer. Such warranties usually guarantee tires and tubes against defective workmanship and materials. Adjustments are handled by the tire manufacturer's local dealer.



Radio Warranty

The Lincoln radio is covered by a warranty which covers any defects in material or workmanship for a period of 90 days following the retail delivery. Your Lincoln dealer issues a properly filled out radio warranty registration card at the time of the delivery. This card should be attached to the radio. If your radio needs repairs during the initial 90-day warranty period, contact your Lincoln dealer for warranty service.

Warranty for Lincoln Accessories

Lincoln accessories are designed and engineered to give lasting service, and add to the beauty and convenience of your Lincoln Cosmopolitan or Capri. While you should experience no trouble with these carefully engineered accessories, for your protection they are covered by warranty. This warranty provides for replacement of any parts found to be defective during the first 90 days or 4,000 miles, whichever occurs first.

Manufacturer's Warranty

The manufacturer's warranty is stated on the Lincoln Owner Service Policy issued by the selling dealer. This warranty states:

The Ford Motor Company warrants all such parts of new Lincoln automobiles and chassis, except tires, for a period of ninety days from the date of original delivery to the purchaser of each new Lincoln vehicle or before such vehicle has been driven 4,000 miles, whichever event shall first occur, as shall under normal use and service appear to it to have been defective in workmanship or material. This warranty shall be limited to shipment to the purchaser without charge except for transportation of the part or parts intended to replace those acknowledged by the Ford Motor Company to be defective. The Ford Motor Company cannot, however, and does not accept any responsibility in connection with any of its Lincoln automobiles and chassis when they have been altered outside its own factories or branch plants. If the purchaser shall use or allow to be used in the Lincoln automobile or chassis, parts not made or supplied by the Ford Motor Company, then this warranty shall become void. It is agreed that the Ford Motor Company makes no warranty whatsoever regarding pneumatic tires. This warranty is expressly in lieu of all other warranties expressed or implied and all other obligations or liabilities on the part of Ford Motor Company, and no person including any dealer, agent, or representative of the Ford Motor Company is authorized to make any representation or warranty concerning Ford Motor Company products on behalf of the Company except to refer purchasers to this warranty.

The Ford Motor Company reserves the right to make changes in design and changes or improvements upon its products without imposing any obligation upon itself to install the same upon its products theretofore manufactured.

SECTION 4

Dependable Service for Your Lincoln

Authorized Lincoln dealers have shop facilities, factory-trained personnel, and scientific test equipment to keep your Cosmopolitan or Capri running like new.

Lincoln dealers offer and recommend economical preventive maintenance—such as lubrications, inspections and adjustments—which keep your car at peak performance. *For your protection, Lincoln dealers use precision-manufactured Lincoln replacement parts made from the same high quality materials as used in the production of Lincoln cars.*



Lincoln dealers offer prompt courteous service

Lincoln Dealer Organization

At home, your Lincoln dealer knows how to service your Lincoln best. When you travel you'll find other dependable Lincoln dealers, who are equipped with clean modern shops, ready to give prompt courteous service for your car. Lincoln has a nationwide network of authorized dealers. Names and addresses of Lincoln dealers in this nationwide network are listed in the yellow pages of telephone books. Their primary interest is to see that your Lincoln gives you complete satisfaction.

Lubri-Plan Coupon Book

Regular lubrication is essential to satisfactory car operation and long life. We recommend the purchase from your dealer of the Lubri-Plan "Personalized" Coupon Book which provides for ten lubrications and inspections. The chassis lubrications and inspections are scheduled every 1,000 miles. At the time of the lubrications and inspections, the dealer's service department will advise you of other services they believe necessary.

Regular care adds to driving pleasure



Registered Mechanics

Most Lincoln dealers offer certified service by Registered Mechanics. When the repair job is completed the Registered Mechanic attaches his RM* seal on the steering wheel and certifies that the work ordered has been satisfactorily completed. You have this assurance of expert workmanship at a Lincoln dealer's service department.

**RM Registered Mechanic means service backed by the mechanic's own name and personal reputation.*



Convenient Service Calendar

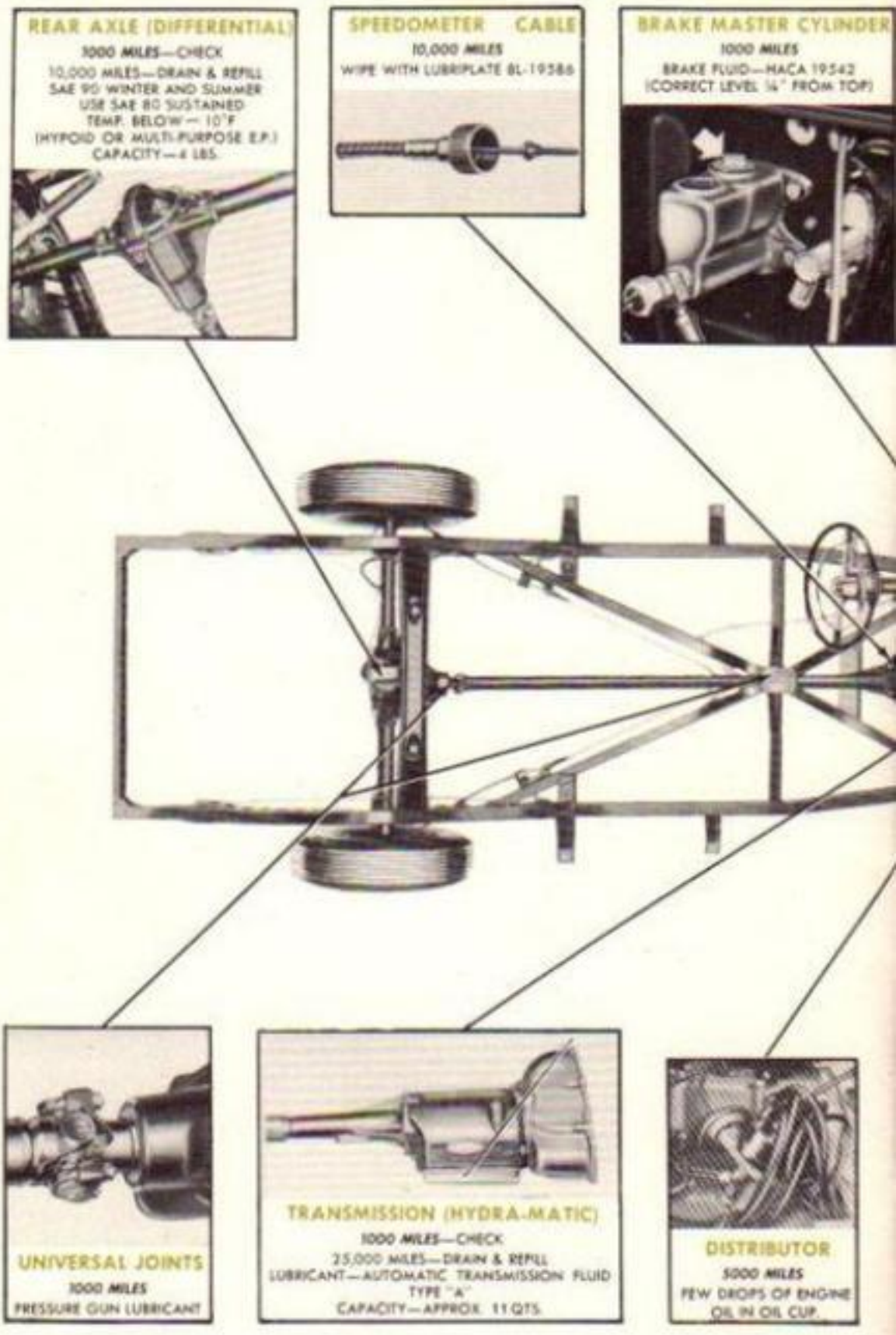
The chart on Page 41 showing when regular service operations should be performed will serve as a handy guide for the maintenance of your car. Where duplications are shown between items listed for Spring and Fall service, and the mileages, you can make the necessary adjustments.

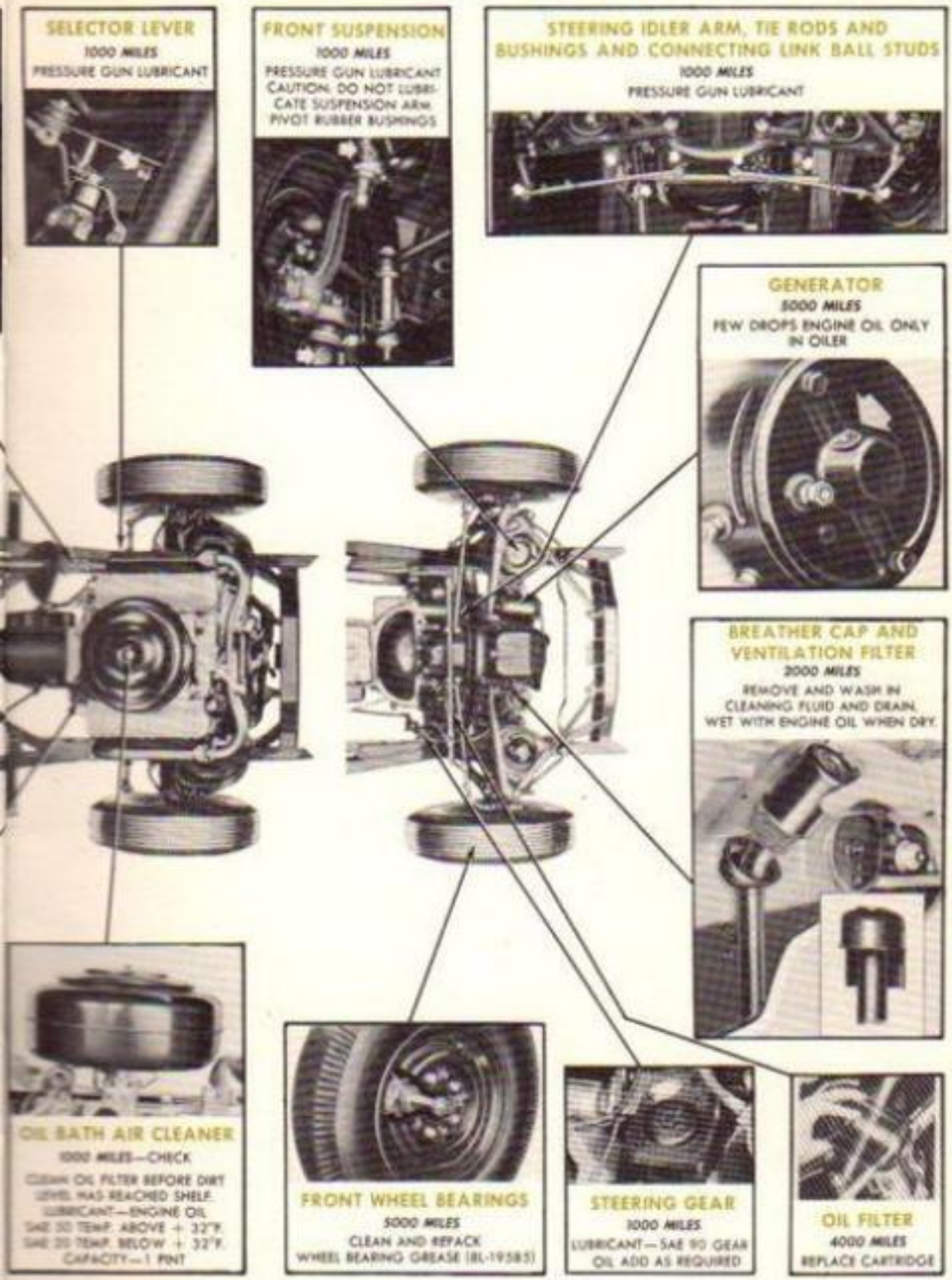
Lubrication Chart

The Lubrication Chart (pages 42-43) shows location of fittings, inspection plugs, lubricant required, and other information about how and what to lubricate. NOTE: The upper and lower suspension (pivot) arms in Lincoln's ball-joint front suspension have pre-compressed rubber bushings which should NOT be lubricated.

	Every Week	Spring-&-Fall	At 500 Miles	Every 1,000 Mi.	2,000 Miles	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000	13,000	14,000	15,000	Other
Change engine oil			x		x		x		x		x		x		x		x		*
Lubricate chassis			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Drive Shaft Universal Joints			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Check Hydra-Matic Transmission			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Change Hydra-Matic Trans. Lubricant																			**
Check rear axle			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Change rear axle lubricant													x						†
Check air cleaner			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Clean air cleaner, if necessary				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Change oil filter			x				x				x				x				#
Clean and repack front wheel bearings								x					x					x	
Oil generator bearing								x					x					x	
Check steering gear lubricant			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Oil distributor								x					x					x	
Check tire pressure	x																		
Cross-switch tires					x		x		x		x		x				x		††
Complete inspection by dealer			x		x					x					x				##
Check fuel pump sediment bowl (Clean if necessary)			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Remove and clean fuel pump filter								x					x					x	
Remove and clean carburetor filter screen										x							x		
Check battery level	x																		
Check radiator level (In winter, check anti-freeze)	x																		*
Drain and flush radiator		x																	
Check brake master hydraulic cylinder			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Clean and oil breather cap and crankcase vent cartridge					x		x		x		x		x		x		x		#
Inspect fan belt and Power Steering Pump belt and tension			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Have engine diagnosis—adjust as needed		x						x					x					x	

*Also check engine oil and coolant level at every gas stop.
**Drain and refill Hydra-Matic Transmission every 25,000 miles.
†Once a year or every 10,000 miles, whichever occurs first.
††Continue tire rotation every 4,000 or 5,000 miles.
#More often in dusty areas.
##First inspection is made at 500 miles.


REAR AXLE (DIFFERENTIAL)
1000 MILES—CHECK
10,000 MILES—DRAIN & REFILL
SAE 90 WINTER AND SUMMER
USE SAE 80 SUSTAINED
TEMP. BELOW — 10°F
(HYPOID OR MULTI-PURPOSE E.P.)
CAPACITY—4 LBS.
SPEEDOMETER CABLE
10,000 MILES
WIPE WITH LUBRIPLATE BL-19586
BRAKE MASTER CYLINDER
1000 MILES
BRAKE FLUID—HACA 19542
(CORRECT LEVEL ¼" FROM TOP)
UNIVERSAL JOINTS
1000 MILES
PRESSURE GUN LUBRICANT
TRANSMISSION (HYDRA-MATIC)
1000 MILES—CHECK
25,000 MILES—DRAIN & REFILL
LUBRICANT—AUTOMATIC TRANSMISSION FLUID
TYPE "A"
CAPACITY—APPROX. 11 QTS.
DISTRIBUTOR
5000 MILES
FEW DROPS OF ENGINE
OIL IN OIL CUP.


SELECTOR LEVER
1000 MILES
PRESSURE GUN LUBRICANT
FRONT SUSPENSION
1000 MILES
PRESSURE GUN LUBRICANT
CAUTION: DO NOT LUBRICATE SUSPENSION ARM PIVOT RUBBER BUSHINGS
STEERING IDLER ARM, TIE RODS AND BUSHINGS AND CONNECTING LINK BALL STUDS
1000 MILES
PRESSURE GUN LUBRICANT
GENERATOR
1000 MILES
FEW DROPS ENGINE OIL ONLY IN OILER
BREATHER CAP AND VENTILATION FILTER
2000 MILES
REMOVE AND WASH IN CLEANING FLUID AND DRAIN. WET WITH ENGINE OIL WHEN DRY.
OIL BATH AIR CLEANER
1000 MILES—CHECK
CLEAN OIL FILTER BEFORE DIRT LEVEL HAS REACHED SHELF.
LUBRICANT—ENGINE OIL
SAE 30 TEMP. ABOVE + 32°F.
SAE 20 TEMP. BELOW + 32°F.
CAPACITY—1 PINT
FRONT WHEEL BEARINGS
5000 MILES
CLEAN AND REPACK
WHEEL BEARING GREASE (BL-19585)
STEERING GEAR
1000 MILES
LUBRICANT—SAE 90 GEAR OIL ADD AS REQUIRED
OIL FILTER
4000 MILES
REPLACE CARTRIDGE

Authorized Lincoln Dealer Locations

ALABAMA

Anniston
Birmingham
Decatur
Dothan
Flomaton
Florence
Gadsden
Huntsville
Mobile
Montgomery
Opelika
Selma
Tuscaloosa

ALASKA

Anchorage
Fairbanks
Juneau
Ketchikan

ARIZONA

Casa Grande
Flagstaff
Mesa
Phoenix
Prescott
Tucson

ARKANSAS

Blytheville
Camden
El Dorado
Fayetteville
Forrest City
Fort Smith
Hot Springs
Jonesboro
Little Rock
Magnolia
Pine Bluff

CALIFORNIA

Alameda
Bakersfield
Berkeley
Beverly Hills
Burlingame
Chico
Compton
El Centro
Escondido
Eureka
Fresno
Glendale
Hermosa Beach
Hollywood
Huntington Park
Indio
Inglewood
Laguna Beach
Lodi
Long Beach
Los Angeles
Merced
Modesto
Monterey
North Hollywood
Oakland
Oceanside
Palm Springs
Palo Alto
Pasadena
Petaluma
Pittsburgh
Pomona
Redding
Richmond
Riverside
Sacramento
Salinas
San Bernardino
San Diego
San Fernando
San Francisco
San Gabriel
San Jose
San Luis Obispo
San Pedro
San Rafael
Santa Ana
Santa Barbara
Santa Maria
Santa Monica
Santa Rosa
Stockton
Taft
Tulare
Vallejo
Van Nuys
Ventura
Visalia
Walnut Creek
Watsonville
Whittier
Woodland
Yuba City

COLORADO

Boulder
Colorado Springs
Denver
Fort Collins
Fort Morgan
Grand Junction
Greeley
Lamar
Pueblo
Sterling

CONNECTICUT

Bridgeport
Bristol
Danbury
Greenwich
Hartford
Manchester
Meriden
Middleton
New Britain
New Haven
New London
Norwalk
Norwich
Stamford
Torrington
Waterbury
Willimantic

DELAWARE

Dover
Georgetown
Wilmington

DISTRICT OF COLUMBIA

Washington

FLORIDA

Clearwater
Cocoa
Daytona Beach
De Funiak Springs
Ft. Lauderdale
Ft. Myers
Fort Pierce
Fort Walton
Gainesville
Hollywood
Jacksonville
Key West
Lake City
Lakeland
Leesburg
Madison
Marianna
Miami
Ocala
Orlando
Panama City
Pensacola
St. Petersburg
Sanford
Sarasota
Tallahassee
Tampa
West Palm Beach
Winter Haven

GEORGIA

Albany
Athens
Atlanta
Augusta
Brunswick
Carrollton
Columbus
Cordele
Decatur
Dublin
Gainesville
Griffin
Macon
Milledgeville
Moultrie
Rome
Savannah
Thomasville
Tifton
Valdosta
Waycross

IDAHO

Boise
Coeur d'Alene
Idaho Falls
Lewiston

Moscow
Nampa
Pocatello
Twin Falls

ILLINOIS

Alton
Aurora
Belleville
Berwyn
Bloomington
Cairo
Canton
Carbondale
Carnie
Centralia
Champaign
Chicago
Chicago Heights
Danville
Decatur
De Kalb
Dixon
East St. Louis
Effingham
Elgin
Elmhurst
Evanston
Fairfield
Freeport
Galesburg
Granite City
Harrisburg
Highland Park
Jacksonville
Joliet
Kankakee
Kewanee
La Grange
La Salle
Litchfield
Macomb
Marion
Mattoon
Moline
Mount Vernon
Oak Park
Olney
Park Ridge
Peoria
Quincy
Rockford
Springfield
Sterling
Streator
Taylorville
Waukegan
West Frankfort
Wheaton

INDIANA

Anderson
Bedford
Bloomington
Columbus
Crawfordsville
East Chicago
Elkhart
Evansville
Fort Wayne
Gary
Hammond
Indianapolis
Kokomo
Lafayette
La Porte
Logansport
Marion
Michigan City
Muncie
New Castle
Richmond
South Bend
Terre Haute
Valparaiso
Vincennes
Warsaw

IOWA

Burlington
Cedar Rapids
Clinton
Council Bluffs
Davenport
Des Moines
Dubuque
Fort Dodge
Iowa City
Iowa Falls
Keokuk
Marshalltown
Mason City
Ottumwa
Sioux City
Spencer
Waterloo

KANSAS

Chanute
Coffeyville
Colby
Concordia
Dodge City
Eldorado
Emporia
Garden City
Great Bend
Hays
Hutchinson
Junction City
Lawrence
Leavenworth
Manhattan
McPherson
Pittsburg
Pratt
Salina
Topeka
Wichita
Winfield

KENTUCKY

Ashland
Bowling Green
Elizabethtown
Harlan
Henderson
Hopkinsville
Lexington
Louisville
Middlesboro
Newport
Owensboro
Paducah
Pikeville
Prestonsburg
Richmond

LOUISIANA

Alexandria
Bastrop
Baton Rouge
Bogalusa
Covington
Lafayette
Lake Charles
Monroe
New Iberia
New Orleans
Opelousas
Ponchatoula
Shreveport

MAINE

Auburn
Augusta
Bangor
Biddeford
Houlton
Portland
Waldoboro

MARYLAND

Aberdeen
Annapolis
Baltimore
Bethesda
Cumberland
Frederick
Hagerstown
Salisbury
Silver Spring

MASSACHUSETTS

Arlington
Boston
Brockton
Fall River
Fitchburg
Framingham
Gloucester
Greenfield
Haverhill
Holyoke
Hyannis
Jamaica Plain
Lawrence
Lowell
Lynn
Medford
Melrose
New Bedford
Northhampton
North Plymouth
Pittsfield
Quincy
Salem
Southbridge
Springfield
Taunton
Waltham
Wellesley
West Newton
Westwood
Worcester

MICHIGAN

Adrian
Ann Arbor
Battle Creek
Bay City
Birmingham
Cadillac
Calumet
Coldwater
Dearborn
Detroit

Ecorse
Escanaba
Flint
Grand Rapids
Grosse Pointe Farms
Highland Park
Holland
Ionia
Iron Mountain
Ironwood
Jackson
Kalamazoo
Lansing
Marquette
Midland
Monroe
Mt. Clemens
Mt. Pleasant
Muskegon
Owosso
Petoskey
Pontiac
Port Huron
Saginaw
Sault Sainte Marie
St. Joseph
Traverse City
Wayne
Ypsilanti

MINNESOTA

Albert Lea
Austin
Brainerd
Duluth
Fairmont
Faribault
Hibbing
Mankato
Minneapolis
New Ulm
Rochester
St. Cloud
St. Paul
Virginia
Willmar
Winona
Worthington

MISSISSIPPI

Brookhaven
Clarksdale
Cleveland
Columbus
Corinth
Greenville
Greenwood
Gulfport
Hattiesburg
Jackson
Laurel
McComb
Meridian
Natchez
Pascagoula
Tupelo
Vicksburg
Yazoo City

MISSOURI

Cape Girardeau
Columbia
Hannibal
Independence
Jefferson City
Joplin
Kansas City
Kennett
Lebanon
Sedalia
Sikeston
Springfield
St. Charles
St. Louis
St. Joseph
Sikeston
Trenton
Wentzville

MONTANA

Billings
Bozeman
Butte
Great Falls
Helena
Kalispell
Lewistown
Missoula

NEBRASKA

Fremont
Grand Island
Hastings
Kearney
Lincoln
North Platte
Omaha
Scottsbluff

NEVADA

Elko
Ely
Las Vegas
Reno

NEW HAMPSHIRE

Concord
Dover
Keene
Manchester
Nashua
Portsmouth

NEW JERSEY

Asbury Park
Camden
Dover
Elizabeth
Englewood
Flemington
Hackensack
Highland Park
Irvington
Jersey City
Lakewood
Montclair
Morristown
Newark
Newton
North Bergen
Paterson
Perth Amboy
Plainfield
Red Bank
Ridgewood
Somerville
South Orange
Summit
Trenton
Vineland

NEW MEXICO

Albuquerque
Carlsbad
Clovis
Gallup
Hobbs
Roswell
Santa Fe
Silver City

NEW YORK

Albany
Amsterdam
Auburn
Babylon
Baldwinsville
Batavia
Buffalo
Bronx
Brooklyn
Canandaigua
Catskill
Dansville
Dunkirk
Elmira
Endicott
Fairport
Flushing
Geneva
Glen Cove
Glens Falls
Great Neck
Hamburg
Hempstead
Herkimer
Homer
Hudson
Huntington Station
Ithaca
Jamaica
Jamestown
Johnstown
Kenmore
Kingston
Liberty
Lockport
Long Beach
Long Island City
Lowville
Malone
Massena
Mount Kisco
Mount Vernon
Newark
Newburgh
New Rochelle
New York
Niagara Falls

Olean
Oneonta
Oswego
Patchogue
Peekskill
Plattsburg
Port Jervis
Poughkeepsie
River Head
Rochester
Rockville Centre
Saranac Lake
Schenectady
Sharon Springs
Southhampton
Spring Valley
Staten Island
Syracuse
Troy
Utica
Watertown
Wellsville
White Plains
Williamsville
Woodmere
Yonkers

NORTH CAROLINA

Asheboro
Asheville
Burlington
Charlotte
Clinton
Durham
Elizabeth City
Fayetteville
Gastonia
Goldsboro
Greensboro
Greenville
Henderson
Hendersonville
Hickory
High Point
Kinston
Lexington
Lumberton
Raleigh
Reidsville
Roanoke Rapids
Rockingham
Rocky Mount
Salisbury
Shelby
Wilmington
Winston-Salem

NO. DAKOTA

Bismarck
Fargo
Grand Forks
Minot
Williston

OHIO

Akron
Alliance
Ashtabula
Athens
Bellefontaine
Bowling Green
Canton
Chillicothe
Cincinnati
Cleveland
Columbus
Coshocton
Dayton
Defiance
Elyria
Findlay
Fremont
Galion
Hamilton
Kent
Lakewood
Lancaster
Lima
Lorain
Mansfield
Marion
Massillon
Middletown
Mt. Vernon
Newark
New Philadelphia
Niles
Norwalk
Painesville
Portsmouth
Salem
Sandusky
Sidney
Springfield
Steubenville
Tiffin
Toledo
Van Wert
Wadsworth
Warren
Willoughby
Wooster
Youngstown
Zanesville

OKLAHOMA

Ada
Altus
Ardmore
Bartlesville
Chickasha
Enid
Lawton
McAlester
Miami
Muskogee
Oklahoma City
Okmulgee
Ponca City
Seminole
Shawnee
Stillwater
Tulsa

OREGON

Albany
Baker
Coos Bay
Cottage Grove
Eugene
Klamath Falls
La Grande
Medford
McMinnville
Oregon City
Pendleton
Portland
Redmond
Salem
The Dalles

PENNSYLVANIA

Abington
Allentown
Altoona
Ambridge
Athens
Bedford
Bethlehem
Bloomsburg
Bradford
Butler
Carlisle
Chambersburg
Charleroi
Chester
Clearfield
Doylestown
Easton
Erie
Gettysburg
Greensburg
Greenville
Grove City
Harrisburg
Hazleton
Homestead
Johnstown
Kane
Kingston
Kittanning
Lancaster
Lansdale
Lebanon
Lock Haven
McKeesport
Meadville
New Brighton
New Castle
New Kensington
Norristown
Oil City
Philadelphia
Pittsburgh
Pottstown
Pottsville
Reading
Scranton
Sewickley
Sharon
Somerset
St. Marys
Stroudsburg
Sunbury
Uniontown
Upper Darby
Warren
Washington
Wellsboro
West Chester
Wilkinsburg
Williamsport
Wynnewood
York

RHODE ISLAND

East Greenwich
Newport
Pawtucket
Providence
Westerly
Woonsocket

SOUTH CAROLINA

Aiken
Anderson
Beaufort
Charleston
Columbia
Florence
Greenville
Greenwood
Laurens
Orangeburg
Rock Hill
Spartanburg
Sumter

SOUTH DAKOTA

Aberdeen
Mitchell
Mobridge
Rapid City
Sioux Falls
Watertown

TENNESSEE

Athens
Chattanooga
Clarksville
Cleveland
Columbia
Dyersburg
Greeneville
Jackson
Johnson City
Kingsport
Knoxville
Memphis
Morristown
Murfreesboro
Nashville
Union City

TEXAS

Abilene
Alice
Alvin
Amarillo
Arlington
Austin
Bay City
Baytown
Beaumont
Big Spring
Borger
Breckenridge
Brownsville
Brownwood
Bryan
Center
Childress
Cleburne
Corpus Christi
Corsicana
Dallas
Del Rio
Denton
Eagle Pass
El Campo
El Paso
Fort Stockton
Fort Worth
Freeport
Gainesville
Galveston
Gonzales
Graham
Greenville
Harlingen
Henderson
Houston
Kermit
Kerrville
Kilgore
Kingsville
Lamesa
Laredo
Levelland
Littlefield
Longview
Lubbock
Lufkin
Marshall
Mathis
McAllen
Midland
Mineral Wells
New Braunfels
Odessa
Orange
Pampa
Paris
Pecos
Plainview
Port Arthur
Raymondville
Rosenberg
San Angelo
San Antonio
Seguin
Seminole
Sherman
Sweetwater
Temple
Texarkana
Tyler
Uvalde
Vernon
Victoria
Waco
Waxahachie
Witchita Falls

UTAH

Cedar City
Logan
Ogden
Price
Provo
Salt Lake City
Vernal

VERMONT

Barre
Bennington
Burlington
Rutland
White River Junct.

VIRGINIA

Arlington
Bristol
Charlottesville
Danville
Fredericksburg
Hampton
Harrisonburg
Lynchburg
Martinsville
Newport News
Norfolk
Petersburg
Portsmouth
Pulaski
Richmond
Roanoke
Staunton
Triangle
Winchester

WASHINGTON

Aberdeen
Billingham
Bremerton
Chehalis
Everett
Kennewick
Longview
Mt. Vernon
Olympia
Port Angeles
Seattle
Spokane
Tacoma
Vancouver
Walla Walla
Wenatchee
Yakima

WEST VIRGINIA

Beckley
Bluefield
Charleston
Clarksburg
Fairmont
Huntington
Morgantown
Parkersburg
Webster Springs
Welch
Wheeling

WISCONSIN

Appleton
Beloit
Eau Claire
Fond du Lac
Fort Atkinson
Green Bay
Janesville
Kenosha
LaCrosse
Madison
Manitowoc
Marinette
Milwaukee
Oshkosh
Racine
Rice Lake
Sheboygan
Wausau

WYOMING

Casper
Cheyenne
Cody
Laramie
Rock Springs
Sheridan

SECTION 5

Accessories Styled for Your Lincoln

Lincoln accessories are styled to add to the convenience and pleasure of your new Cosmopolitan or Capri. As you will see by examining them, Lincoln accessories are carefully engineered and made of high quality materials. Your Lincoln dealer, who has these precision-built Lincoln accessories in his stock, will be glad to help you select useful items which will add to your motoring pleasure and help individualize your car.

The Lincoln Radio

The Lincoln radio is a powerful 8-tube superheterodyne receiver which is installed complete with front and rear speakers, push button tuning, and a vacuum controlled antenna.

The front speaker is an oval 5" x 7" unit mounted in the instrument panel. The rear compartment speaker is 6" x 9" and installed in the package tray of all models except Capri Convertible which has its rear speaker behind the rear seat center armrest. Tuning is either automatic with one of the push buttons, or manual with the rotary selector knob. Volume is controlled in both front and rear speakers. Tonal ranges can also be selected for the most pleasant reception.







Lincoln Dual-Unit Heater

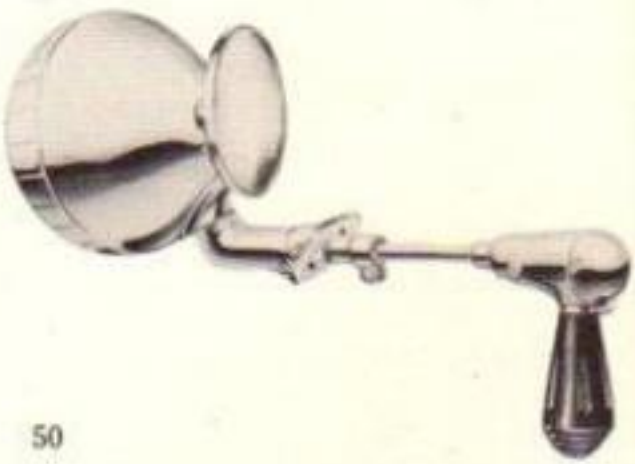
The Lincoln heating and ventilating system gives you "Comfort Control" in your Cosmopolitan or Capri in any season. The dual heater installation consists of a front unit for the defroster and front compartment, and the underseat floor-level unit, which supplies heat to both front and rear compartments. Clean, comfortable heating, in the amount desired and distributed for maximum comfort is provided with this dual unit system.

Windshield Washers

The fittings necessary for installing windshield washers are provided with your car, so this convenient aid to safe driving can be installed quickly and economically. The windshield washer, in conjunction with your windshield wipers, quickly cleans dust, dirt, or mud splash from the windshield.

Spotlight

This powerful light illuminates objects clearly up to 1,000 feet away. Chrome-plated and with a sealed-beam lamp, its pistol grip permits adjusting to almost any angle.



Spotlight Mirror

If you want both the spotlight and left outside mirror, these can be combined by installing the special Lincoln spotlight mirror on the back of spotlight.

Outside Rear View Mirrors

Outside rear view mirrors, styled for your new Cosmopolitan or Capri are available individually or matched pairs.



Road Lamps

You can have extra safety illumination for easier, safer driving in fog, rain, or snow with Lincoln road lamps. These sealed beam lamps, with special lenses that cut down reflection, throw a diffused beam directly in front of the car. They are installed in pairs on the front bumper guards.

Back-Up Lights

Driving is safer with the extra illumination from these automatic back-up lights. These twin lights, flush-mounted on the rear body, come on automatically when the car is in reverse and lights are on.

Seat Covers

Distinctive seat covers give still more individuality to your Lincoln Cosmopolitan or Capri. Available in a variety of fashionable colors and fabrics—all custom-tailored for your car.

Emergency Utility Light and Case

For lighting all around the car, Lincoln offers this magnet-base type lamp that plugs in cigar lighter socket. Has a 32-candlepower lamp. Magnetized base holds it in place on any metal surface on the car. Comes in convenient vinyl case.



Rear Window Wiper

Rear window wiper, operated by engine vacuum system, clears away rain, snow, mist, or splash to assure better rear view mirror coverage. Avoids inconvenience and discomfort of getting out to clean rear window.



Rear Window Defroster

Rear window defroster keeps window clear inside and out. Dual blower fans, installed out of sight beneath package tray behind rear seat, circulate air over the window. Can be installed separately or in combination with rear window wiper.

Curb Buffers

Stainless steel curb buffers serve dual purposes as attractive rocker panel trim and for extra body protection at curb level. Extend from front wheel cutout to rear wheel opening.

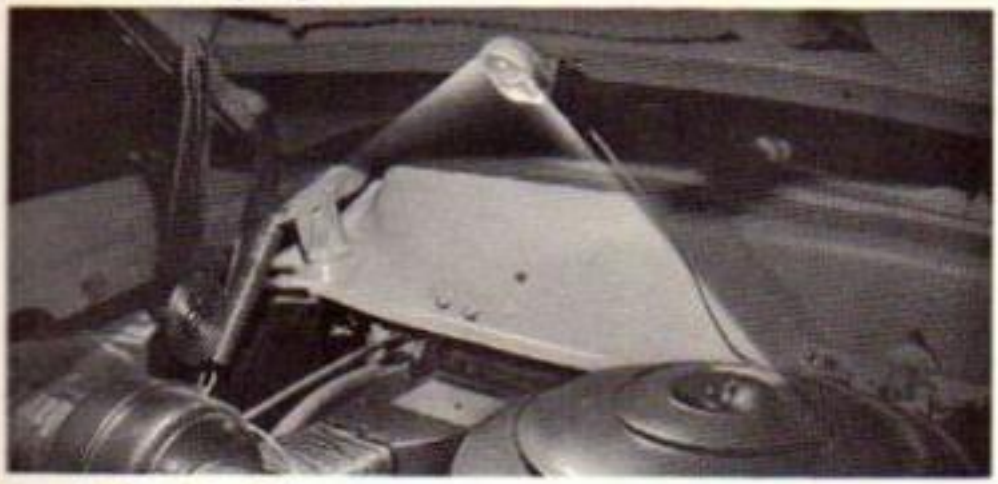
Exhaust Pipe Extension

The exhaust pipe extension is a new tubular type made of steel especially resistant to exhaust fumes. Protects bumper chrome finish. Is available in chrome and assorted colors to match the exterior finish of your car. The vitreous enamel finish on the exhaust extension will not burn off. A chrome-plated flat type extension is also available.



Engine Compartment Light

Extra illumination under hood is provided by the engine compartment light. When hood is raised, light controlled by a mercury switch comes on automatically. When hood is lowered, light goes out. Both a convenience and safety aid, the light helps in inspecting and servicing engine.



Visor Vanity Mirror

This handsome larger-size vanity mirror attaches to either interior sun visor. Made of heavy silver-backed plate glass, it is permanently installed with two ornamental screws.

Visor Light-Vanity Mirror Combination

Providing a lighted vanity mirror adds a delightful interior appointment for your new Cosmopolitan or Capri. Light illuminates vanity mirror and serves for map light or other front compartment illumination.

Signal Viewer

A convenient safety aid that permits you to observe traffic signals without changing posture. Includes precision-prism viewer and mounting.

Cigarette Lighter and Map Light

For additional front compartment lighting, Lincoln offers a combination cigarette lighter and map light. Fits directly into cigarette lighter socket. One end serves as automatic cigarette lighter and the other as a convenient map light.



License Plate Frames

Lincoln license plate frames protect plates and add to finished appearance of the car. Made of flash chromed stainless steel, the frames are complete with transparent plastic window and decorative insert. These frames fit all license plates. Enhance the beauty and appearance of the car.

Locking Gas Tank Cap

Protect your fuel supply with the locking gas tank cap which replaces the standard cap. Prevents loss of cap, pilferage and tampering with fuel supply.

Lincoln Car Care Chemicals

Lincoln dealers carry a supply of Lincoln polishes, cleaners, and maintenance materials for use on your Cosmopolitan or Capri. Your dealer will always be glad to supply your needs of these materials.

Other Lincoln Accessories

Accessories Fuse Panel
Air Filter
Rear Compartment Draft Deflectors
Quarter Window Vent Deflectors
Window Vents
Curb Signals
Touch-Up Lacquers
Floor Mats
Door Handle Fingernail Shield
Door Edge Guards
Utility Hand Spotlight



SECTION 6

Good Driving Practices

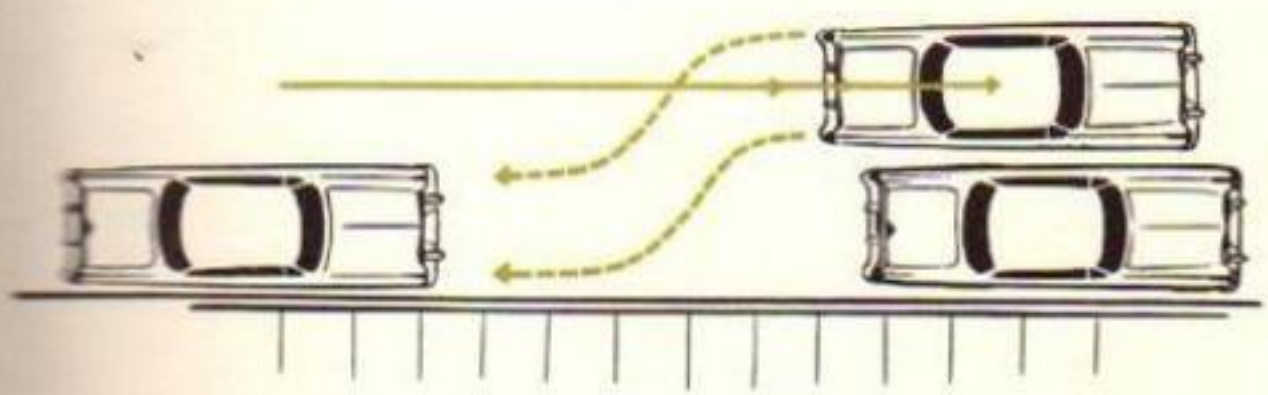
The great driving ease built into your Lincoln Cosmopolitan and Capri can be even further enjoyed by good driving habits and practices. Here are a few suggestions that will pay real dividends in greater safety, economy, and longer car life. Chances are that you already know, and practice, these fine points of expert driving. However, you may be interested in using these suggestions for comparison with your own driving habits, and if there are beginning drivers in your family, this section can be of particular value to them.

City Driving

One mark of the experienced driver is that he always drives "ahead" of himself. He knows in advance what he is going to do next, and plans for it. And he always makes allowances for the other fellow doing the unexpected.

You can easily park parallel to the curb in a space only slightly longer than your car by following these simple steps:

1. Pull up even with the car ahead.
2. Turn wheels toward curb and back in slowly. Front of car will swing out.
3. When rear of car in front is approximately opposite your windshield, turn front wheels to the left and continue backing, bringing front end in toward the curb.
4. Drive ahead into proper parking position, if necessary.

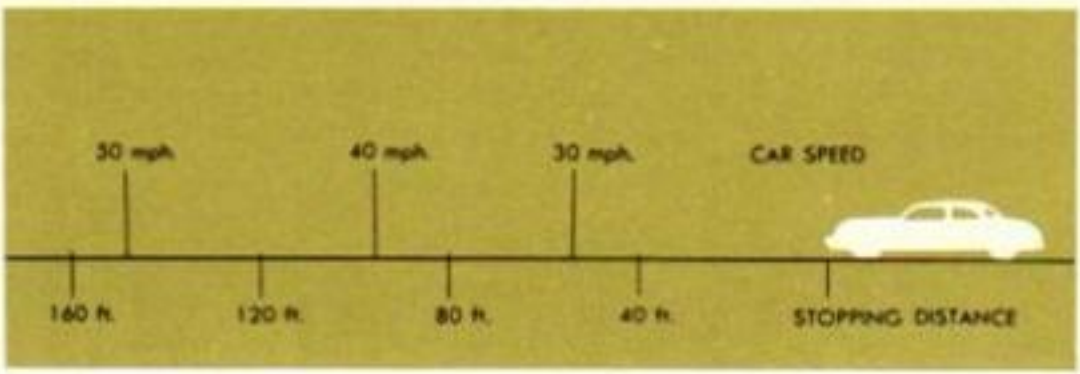


Always set the parking brake when leaving your car parked unless it is prohibited by local regulations. Also, cars with HYDRA-MATIC Transmissions can be locked in gear by moving the selector lever to "R" (reverse) after stopping the engine.

When parking on a grade, always turn the front wheels in toward the curb.

For most city night driving conditions, the lower head lamp beam provides plenty of light, and will not annoy oncoming drivers.

Always signal for turns. A flick of the finger operates the directional signals on your Lincoln Cosmopolitan or Capri.



Country Driving

The HYDRA-MATIC Transmission automatically shifts into the best gear ratio for the prevailing driving conditions, except when "Lo" is required for extra steep climbs or other conditions.

When going down long hills, where braking is necessary, brakes should be applied intermittently rather than holding continuously. To conserve the brake on long or steep grades, the HYDRA-MATIC "Dr3" or "Lo" should be used for downhill braking with the engine depending on the grade of the hill.

Never pass a car going up a hill or around a blind curve—you never know what may be coming toward you on the other side. Observe all traffic control signs.

Always pull off the highway when parking. You and the other drivers will be a lot safer if you signal before stopping.

Tire blowouts are relatively rare today, but if you have one, do not "slam" on the brakes. Let the car lose speed gradually, while holding it on a straight course. Apply brakes gently. The same method should be used if you accidentally run off the edge of the pavement. Wait until car speed drops before turning back, then make the turn quickly.

Night driving on the highway calls for use of the upper head lamp beam, especially when running at high speeds. This beam lights a wide area in front, far down the road. *Always* shift to the lower beam when meeting oncoming cars or when following a car closely. Touch the floorboard button to shift the head lamp beams.

Vacation tours can be more fun with a little advance planning. Have your car thoroughly lubricated and checked over by your Lincoln dealer, to be sure everything is in proper operating condition. If your car is still within the period covered by the Owner's Service Policy, be sure to take the policy with you. You can then obtain the stated service inspections and lubrications from any Lincoln dealer. If you plan to leave the main tourist routes, take along a short length of board for supporting the base of the bipod jack in case you have to change a tire in soft or sandy soil.

Driving in Bad Weather

Driving on slippery pavement always calls for caution. Apply brakes gently when stopping. When starting up, accelerate slowly—this will prevent spinning the rear wheels, which is dangerous and hard on the tires.

In case of a skid, always steer *in the direction the car is skidding* until the car is under control. Use brakes sparingly.

If the engine should overheat for any reason, stop immediately and turn off ignition, allowing the engine to cool. *Do not attempt to remove radiator filler cap when radiator is overheated.* Turning cap part way until it hits the special stop provided will allow the steam to escape. *Never* add cold water until engine has cooled.

CAUTION—*Exhaust gases contain a percentage of carbon monoxide which by itself is a poisonous gas that is tasteless, colorless, and odorless. Normally a strong odor of exhaust gas should give warning of the presence of carbon monoxide. However, exhaust gases from some vehicles may not be so noticeable under certain conditions.*

To keep out offensive odors and exhaust gases when driving in congested traffic or when parking behind a car with its engine running, move both air control knobs to OFF position. This will cut off outside air from entering the car through the air ducts.

Never start or run engine in a closed or partially closed garage. Avoid inhaling exhaust gases when any concentration is present in the air, that is, in a garage or other enclosure whether building or vehicle.

SECTION 7

Specifications

Exterior Dimensions:

Over-all length	214.1 in.
Over-all width	77.5 in.
Over-all height (loaded)	62.7 in.

Capacities:

Fuel tank	20 gal
Crankcase	5 qt
(Add 1 qt when replacing oil filter cartridge)	
Cooling system—with optional dual-unit heater	23.5 qt
HYDRA-MATIC Transmission	11 qt
Steering Gear	¾ pt
Optional power steering reservoir	2.8 pt
(Use Type "A" automatic transmission fluid)	
Differential	4 pt or lbs.
Carburetor Air Cleaner	1 pt

Engine Data:

Type	Overhead valve, V-type
Cylinders	8
Bore	3.8 in.
Stroke	3.5 in.
Compression ratio	8.0 to 1
Piston displacement	317.5 cu in.
Horsepower	205 @ 4200 rpm
Taxable horsepower	46.2
Torque rating	308 ft-lb at 2650 rpm
Engine mounting	3-point
No. main bearings	5

Engine construction:

Block	One-piece, cast iron
Crankshaft	Precision cast alloy iron, integral counterweights
Pistons	Aluminum alloy
Compression rings per piston	2
Oil rings per piston	1

For convenience of Canadian owners and other owners driving in Canada, the approximate Lincoln capacities in imperial measurements are: Fuel tank—16⅔ imperial gallons; cooling system (without heater units)—18¾ imperial quarts; crankcase—4¼ imperial quarts (refill); and Hydra-Matic Transmission—9¼ imperial quarts.

Camshaft	High-lift type, cast (iron) alloy
Valves	Rotatable overhead type
Valve lifters	Hydraulic, zero lash

Fuel system:

Carburetor	Four-barrel, downdraft, balanced concentric bowl; integral air cleaner and silencer
Choke	Automatic
Fuel pump	Diaphragm
Air cleaner and silencer	Oil-bath type
Vacuum booster pump	Integral with fuel pump
Intake manifold	Dual, one-piece cast iron

Oil system:

Oil pump	Gear type
Oil pressure	40 lb per sq in. at 40 mph
Pressure relief valve opens	30 to 34 lb per sq in.
Oil filter	Full-flow type, base-mounted on crankcase
Filter cartridge	Replaceable type

Cooling system:

Type	"Controlled Pressure"
Maximum cooling system pressure	15 lb per sq in.
Thermostat	Metal cartridge
Water pump	Impeller type
Pump capacity	80 gpm @ 3600 rpm
Pump lubrication	Permanent
Accessory drive	Wedge-type belt
Fan	4-blades irregularly spaced, curved tips
Fan diameter	18.25 inches
Radiator	Corrugated fin and tube
Radiator core frontal area	385 sq in.

Ignition System:

Distributor	Single breaker arm type
Wiring	Neoprene sheathed

Electrical System:

Battery	3-cell, 63-plate aircraft type
Battery voltage	6
Battery capacity	110 ampere-hours
Generator rating	40 amperes at 1675 rpm
Starter drive	Ratchet "Follow Thru" type

Exhaust system:

Manifolds	Overhead type
Mufflers	3 straight-through mufflers

Body Data:

Construction	All-steel, welded
Rustproofing	Bonderized
No. body mounts	23
Insulation	Glass fiber
Windshield type	One-piece curved
Rear window	One-piece wrap-around
Hood design	One-piece, front opening, counterbalanced
Gas tank fill pipe	Concealed (behind license plate)
Door construction	Double panel

Chassis Data:

Frame:

Type	Double-braced X-type
Cross-members	5
Wheelbase	123 in.

Front suspension:

Type	Independent, ball-joint
Springs	Helical coil
Shock absorbers	Jumbo-size, hydraulic
Torsional stabilizer	Steel torsion bar

Steering system:

Type	Worm and roller
Linkage	Symmetrical
Steering ratio, overall	26.1 to 1
Power steering	Optional

Rear suspension:

Type	Semi-elliptical leaf-type springs
Spring length	54.75 in.
Spring leaf separation	Wax-impregnated, full-length liners
Shock absorbers	Jumbo-size, hydraulic

Rear Axle Assembly:

Type	Hypoid
Axle shaft	Semi-floating
Final drive system	Hotchkiss drive

HYDRA-MATIC *Transmission:*

Type ..... Fluid coupling and automatic planetary transmission, 4 forward speeds

Gear ratios:

1st	3.8195	3rd	1.4500
2nd	2.6341	4th	1.0000
		Reverse	4.3045

Brake System:

Type ..... "Duo-Servo" internal expanding, hydraulic
Total braking area ..... 202.34 sq in.
Brake lining ..... Molded asbestos
Brake lining width ..... 2.5 in. (front), 2.0 in. (rear)
Brake pedal suspension ..... Pendant-type from instrument panel bracket
Parking brake ..... Mechanical, cable-operated on rear wheels
Power brakes ..... Optional

Wheels and tires:

Wheel type ..... Disc, drop center rim
Wheel diameter ..... 15 in.
Tire size—closed cars ..... 8.00 x 15
Tire size—convertible ..... 8.20 x 15

Fuses and Circuit Breakers

CIRCUIT	PROTECTIVE DEVICE	LOCATION
Head lamps (only)	30-ampere bi-metal circuit breaker	Back of instrument panel, left side
Auxiliary lamps (all except head lamps, turn signal, dome, and courtesy lamps)	15-ampere circuit breaker	Back of instrument panel, left side
Directional turn signal	14-ampere fuse	Back of instrument panel, left side
Dome and courtesy lamps	14-ampere fuse	Back of instrument panel, left side
Electric window lifts	(4) 30-ampere circuit breakers	Right hand cowl side panel under instrument panel
Convertible top control	40-ampere circuit breaker	R. F. air duct in engine compartment
Heater fans	20-ampere fuse	Cartridge in wire
Radio	14-ampere fuse	L. H. side of radio
Clock	3-ampere fuse	Cartridge in wire

BULB CHART

Lamp Description	No. Bulbs Required	Candle Power or Wattage	Trade No.
STANDARD EQUIPMENT			
Head Lamps { Hi Beam / Lo Beam	2	45 Watts / 35 Watts	4030
Front Parking Lamps and Turn Indicator	2	3 C. P. / 21 C. P.	1154
Rear Turn Signal and Stop and Rear Lamp	2	21 C. P. / 3 C. P.	1154
Dome or Pillar Lamps	1 or 2	3 C. P.	63
Luggage Compartment Lamp	1	3 C. P.	63
License Plate Lamp	1	3 C. P.	63
Courtesy Lamp	2	3 C. P.	63
Map Light	1	3 C. P.	63
Radio Dial	2	1 C. P.	55
Hi Beam Indicator	1	1 C. P.	51
L. and R. Signal Indicator	2	1 C. P.	51
Auto. Trans. Indicator Lamp	1	1 C. P.	51
Glove Compartment	1	2 C. P.	55
Fuel gage, oil gage, temperature gage, battery gage, speedometer, vent control panels, clock, ignition key, windshield wipers, and exterior light switch illuminated by cluster	10	2 C. P.	55
Hand Brake Signal	1	3 C. P.	55
ACCESSORY EQUIPMENT			
Back-up Lamps	2	21 C. P.	1129
Engine Compartment Lamp	1	15 C. P.	87
Radio Pilot Light	2	2 C. P.	55
Road (fog) Lamps	2	30 Watts	4015
Spotlight	1	30 Watts	4535
Utility Lamp	1	15 C. P.	87

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ACCESSORIES, OPTIONAL EQUIPMENT, WHITE SIDE-WALL TIRES ARE INSTALLED AT EXTRA COST.

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LINCOLN COSMOPOLITAN AND CAPRI — CROWNING ACHIEVEMENTS IN THE FINE CAR FIELD ON THE OCCASION OF FORD MOTOR COMPANY'S 50TH ANNIVERSARY.

FORM 1-3660-53

FIRST PRINTING—LITHO. IN U.S.A.