

SHOP TIPS

Motorcraft



VOL. 11, NO. 1

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announcement issue

- NEW FEATURES
- SPECIFICATIONS
- SERVICE TIPS
- MODEL IDENTIFICATION
- MAINTENANCE SCHEDULES
- MOTORCRAFT AND AUTOLITE PART NUMBERS





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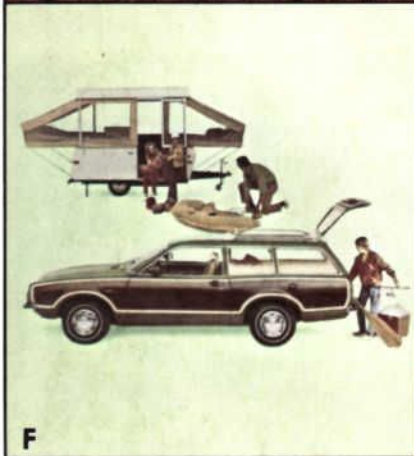
B



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K



L

A • Mustang
B • Lincoln Continental
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Technical parts and service information published by the Ford Parts Division and distributed by Ford and Lincoln-Mercury Dealers to assist servicemen in Service Stations, Independent Garages and Fleets.

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Be sure to file this and future issues for ready reference. If you have any suggestions for articles that you would like to see included in this publication, please write to: Ford Parts Division, Merchandising Services Dept., P.O. Box 3000, Livonia, Michigan 48151.

The information in this publication was gathered from materials released by the National Service Department of Ford Parts Division and the Ford Customer Service Division of the Ford Marketing Corporation, as well as other vehicle and parts manufacturers. The descriptions and specifications contained in this issue were in effect at the time it was approved for printing. Our policy is one of continuous improvement and we reserve the right to change specifications or design without notice and without incurring obligation.

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Here's What We Have For You

In this new model announcement issue, you will find a host of timely and useful information. Information that will help you to discuss the new features of the 1973 Ford Family of Fine Cars with your customers and friends and enable you to answer their questions. And, a large section of this issue will also be helpful to you and your men from a technical standpoint.

For example, we have included such advanced details for each car line as: *Lights* and bulb wattage plus their trade number . . . *Circuit Protection* including rated amperes and type . . . *Approximate Refill Capacities* of the various operating components plus *Service Locations* of the PCV valve, oil filler cap and hood latch release.

If you are curious about the new Ford trucks, there are a number of pages devoted to these "workhorses" of the transportation industry. You will find similar specifications on all Ford trucks from the F-100 on up to the larger 750 series equipped with gasoline engines.

Of particular importance is the story Ford has to tell this year of their engineering efforts directed toward increased passenger safety, vehicle sheet metal protection at low road speeds and of course further improved and more sophisticated control of exhaust emissions . . . especially the reduction in nitrogen oxides which is commonly referred to as NOx.

Important Note:

Detailed information on the following new engineering features which apply to the majority of the 1973 Ford-built cars (either as standard or optional) appears on pages 6 through 9. These include:

1. Impact-Absorbing Front and Rear Bumper Systems
2. Exhaust Gas Recirculation (EGR)
3. Wiper Arm Mounted Windshield Washer Jets
4. Anti-Theft Alarm System
5. Spare Tire Lock
6. 90 Ampere Alternator
7. Station Wagon Spare Tire Extractor

A GOOD LOOK AT THE

FORD DIVISION

NEW FEATURES FOR 1973

- Impact-absorbing front and rear bumper systems.
- Flame-retardant interior materials.
- Inside hood latch release.
- Spare tire lock.
- Improved AM/FM/MPX stereo radio.
- AM/FM/MPX stereo radio with Stereosonic tape system.
- Fixed-length antenna.
- Improved rear window electric defroster.
- Improved cigarette lighter.

FULL-SIZE FORD

Of all the Ford Division new cars, the full-size Ford is the most changed in outward appearance. There's new sheet metal below the belt line . . . a new front grille . . . and a new greenhouse on all four-door models.

Sixteen models now comprise the four series available . . .

Interior convenience and luxury are improved by a completely new design of the instrument panel . . . new door trim panels . . . revised color trim selections and more front and rear headroom in the four-door models.

All models in the full-size Ford lineup are equipped with the 351 CID 2V, V-8 engine coupled with the Select-Shift automatic transmission as the standard power team. Both the 400 2V and the 429 4V V-8 engines are continued as options.

Ford-developed front disc brakes of the sliding caliper type are standard on all models for 1973. The single caliper piston is now 3.1 inch in diameter compared to the 2.75 inch piston size used previously. Parts complexity is greatly reduced since there are only 12 parts in the new brake as compared to the 26 in the previous design.

TORINO

Both the Torino and the Gran Torino have new front grilles, new front parking/turn signal lamps plus new hood and fender extensions in the sheet metal. There is a recognizable difference between the grilles in these two models.

Eleven models are offered in four series . . . Torino, Gran Torino, Gran Torino Sport and Gran Torino Brougham.

In the interior, low-back front bench seats with low-profile head restraints improve driver visibility.

New options include a rear window electric defroster for the station wagons . . . lower bodyside paint treatment for the Gran Torino Sport series . . . radial-ply steel-belted tires and a leather wrapped steering wheel.

High-back front bucket seats continue as optional equipment on the Gran Torino and the Gran Torino Sport models. From a technical standpoint (and because of increased vehicle weight for 1973) larger rear drum brakes are included on all models. There's a larger

windshield washer reservoir with a capacity of 2½ quarts (80 ounces), which replaces the 63 ounce reservoir used in 1972.

The hood release is now located inside the car for better protection against underhood theft.

Vinyl roof color selections are now expanded from five to seven colors for 1973. Light Blue, Gold, Beige and Dark Green are new for this year while Black, White and Dark Brown are carryover.

MUSTANG

Mustang for 1973 has the only convertible model in the Ford Division lineup of passenger cars. Five models are offered to the motoring public.

New grilles and color-keyed front bumpers of molded urethane (an impact resistant plastic material), are primary features of the new models. This new bumper connects to the Ford-designed impact-absorbing devices in the front body stub frame structure.

New optional Color-Glow colors are Blue Glow and Ivy Glow with new standard paint colors, Avocado and Tan.

From a technical standpoint, all Mustangs for 1973 carry an improved brake system. Front drums on all hardtops and SportRoof models with the 250 CID 1V six cylinder engine and the 302 2V, V-8 engine have 10 x 2.5 inch brakes which replace the 10 x 2.25 inch size of last year. In addition to this, the front suspension on all 1973 Mustang models has been revised to provide an added ¼ inch in suspension travel.

The power team combinations for 1973 Mustang models is the 250 1V six cylinder engine as the base powerplant on all models except the Mach I which carries the 302 CID 2V, V-8 engine as standard.

Options for the 1973 Mustangs include: 14-inch forged aluminum wheels, a leather wrapped steering wheel and radial-ply steel-belted tires.

MAVERICK

Again in 1973, three models are being offered. On the base two- and four-door models, a new grille is featured that is similar to last year's Grabber design.

A new exterior color Blue Glow is available .

GREAT LOOKING 1973'S



GRAN TORINO



THUNDERBIRD



LTD BROUGHAM

In the interior new refinements include front seats of new molded foam seat-back padding . . . thicker seat cushion padding and softer seat springs.

Head restraints are the new low-profile design that blend into the seat top and curve over the seat back.

The steering wheel is the same as that used on the larger Ford Division cars and features a two-spoke design with a concealed horn switch in the outer part of the spokes.

Mavericks with the 200 CID six cylinder engine feature larger 10-inch front and rear drum brakes . . . replacing the 9-inch size of last year. Ten-inch brakes remain on Mavericks with the 250 and the 302 powerplants.

Five-bolt wheels are used this year compared to the four-bolt type used previously.

Other technical features include impact-absorbing front and rear bumper systems, a spare tire lock option and an optional AM/FM/MPX stereo radio.

PINTO

To further broaden the appeal of this little "carefree car" forged aluminum wheels will be offered for 1973. These styled wheels are 13 inches in diameter and five inches wide to provide added stability and improved handling.

Three models, the two-door sedan . . . the three-door Runabout . . . and the Station Wagon (introduced late in 1972), are offered this year. However, several features and color combinations are new in this new 1973 lineup.

The new features include such standard details as a passenger-side courtesy light, a fully enclosed glove box with lock . . . a cigarette lighter and illuminated identification for the wiper/washer and heater controls.

Also new for 1973 are A78 x 13 tires which are standard on the two-door sedan and three-door Runabout. These replace the 6.00 x 13 BSW of last year. From a technical standpoint, cooler running finned and flared drums and wider linings are standard on the two-door sedan and Runabout models. Pintos equipped with the 2000cc engine now offer as standard a 3.40 to 1 rear axle ratio.

Optional details include a spare tire lock, and air conditioning with adjustable center-placed registers in the

instrument panel. The fan motor is changed from a three-speed to a four-speed range to permit more exact circulation of air conditioned or heated air.

A four-speed manual transmission is standard with the 1600cc engine on sedans and Runabout models while the 2000cc engine and four-speed manual transmission is standard on Station Wagon models.

THUNDERBIRD

With a new front-end appearance, highlighted by an extruded aluminum "cross-hatch" pattern grille, the 1973 Thunderbird has a fresh new formal look. New, too, is a classic stand-up hood ornament, oval shaped and carrying the Thunderbird emblem. For safety, the ornament is mounted with a spring-loaded fold-back device.

New squared bright bezels surround the headlamps while the combination park/turn/side marker lights on the leading edge of the fenders include new lenses with a design pattern that coordinates with the grille appearance.

In the interior, a split bench front seat is standard along with a left-hand remote controlled mirror, increased front and rear seat headroom plus an illuminated heater fan switch.

Technical features new for 1973 include such engineering items as: larger rear brakes; a 77 ampere-hour plastic case side-terminal battery; a 90 amp alternator with the optional rear window electric defroster; and flame-retardant interior materials.

Thunderbird's standard engine is the 429 CID 4V eight cylinder powerplant with SelectShift automatic transmission while the 460 4V engine is optional. A spare tire lock and inside hood latch release are new standard anti-theft features that make up just a few of the 1973 refinements that are found in all 1973 Thunderbirds.

Ride control is further improved by the addition of a Freon-filled plastic bag in the shock absorber reservoir and an extra compression valve on the piston above the rebound control valve.

Rear brakes are improved because of a 1/4 inch increase in brake lining width. Now, the effective lining area, which is directly related to overall brake performance, is increased 11 percent over last year.

A GOOD LOOK AT THE

LINCOLN-MERCURY DIVISION

NEW FEATURES FOR 1973

- AM/FM/MPX radio with stereo tape system—Lincoln Continental, Mark IV and Mercury Marquis and Monterey
- Improved AM/FM/MPX radio—full-size Mercury and Comet
- Fixed length radio antenna—full-size Mercury, Comet and Cougar
- Right-hand remote controlled mirror—Lincoln Continental, Mark IV and full-size Mercury
- Anti-Theft Alarm System
- 77-Amp. side terminal battery—Lincoln Continental and Mark IV
- Inside hood latch release—Lincoln Continental, Mark IV, full-size Mercury and Montego
- Spare tire lock—All car lines
- Improved rear window electric defrost option—Lincoln Continental, full-size Mercury and Cougar
- Coolant-recovery system added to Class III trailer towing—full size Mercury and Montego

FULL-SIZE MERCURY

For 1973, the full-size Mercury, Marquis and Monterey models have all new sheet metal below the belt line with new greenhouses on all four-door models plus redesigned and more luxurious interiors.

Radial-ply, steel belted tires are standard on all models.

Thinner windshield pillars set at a rakish 60 degree angle help to impart a fresh new styling appearance.

In the interior, all door panels and seat trim are all new along with full-length armrests on all doors. Stowage area in the glove compartment (676 cubic inch capacity), is more than double that of 1972.

Windshield washer jets are now mounted directly on the wiper arms for faster windshield cleaning, new door weatherstripping ("pocketless" type), reduces wind noise by shaping itself to the glass contour and there's an interior hood latch release.

Standard, too, are power operated front disc brakes (12 parts compared to 26 in the previous assembly), of Ford-developed design and an automatic parking brake release. Optional is a new theft deterrent, electronic alarm system that sounds the horn (on and off for about 5 minutes) if someone tries to gain forced entry into the vehicle.

Also, Lincoln Continental type power operated vent front windows are available on all four-door models.

Flame retardant interior materials are standard throughout the model lineup.

Standard on the Monterey series is the 351-2V, V-8 powerplant with a SelectShift automatic transmission. On the Monterey Custom models, the standard engine is the 400 CID 2V, V-8, while the Marquis models have the larger, more powerful 429 CID 4V engine.

MERCURY MONTEGO

Front end styling is accented by an all-new center grille, new fender extensions, new headlamp grilles and a new contoured bumper. Model count remains at nine within the four series: Montego, Montego MX, Montego MX Brougham and Montego GT.

New low-back front seats with individual right and left headrests are standard on all models.

New technical features include larger rear brakes on

all models, optional power steering with the power assist mechanism enclosed in the steering gear housing, and a larger windshield washer reservoir with an 80 ounce capacity which is 27 percent more than in 1972.

The standard engine in all models except the GT and Station Wagon is the 250 CID, 1V, six cylinder. The 302 2V V-8 is standard on the GT and Station Wagons.

The standard transmission is the three-speed manual.

Options include radial-ply steel-belted tires and a rear window electric defroster on station wagons.

COUGAR

Cougar is the only model in the Lincoln-Mercury Division lineup of 1973 cars that offers a convertible. It is available in both the Cougar and Cougar XR-7.

SelectShift automatic transmission and power front disc/rear drum brakes are standard equipment.

The standard engine is the 351 CID 2V, V-8 with the 351 CJ 4V, V-8 as an optional powerplant.

The new grille is a one-piece die-casting with a bright vertical bar design. At the top of the grille there's a new Cougar or XR-7 emblem attached to the molding. Lenses for the turn signal/running lights are now clear plastic with an amber light bulb. Two new vinyl roof colors are available . . . Light Blue and Avocado.

Radial-ply, steel-belted tires are available as an option in the GR78 x 14 size.

MERCURY COMET

The 1973 Comet provides a higher level of luxury, comfort and convenience in all three models.

In the front, a slightly changed grille highlights styling while new side trim adds to the exterior design. There are new door trim panels, armrests with integral pull handles, bench seats with thicker seat cushion padding, plus head restraints of a new low-profile design that blend into the seat top and wrap-around on the back when they are pushed down.

Changes have been made in the suspension system that

GREAT LOOKING 1973'S



MERCURY
MARQUIS
BROUGHAM



MERCURY
MONTEGO
BROUGHAM



COUGAR

are designed to provide a smooth ride and less transference of sound into the passenger compartment. Rubber insulators under the front springs eliminate metal-to-metal contact and thus contribute to a quiet ride.

All Comets with the 200 CID six cylinder engine will now be equipped with 10-inch brake drums both front and rear. Wheels used with the 10-inch brakes are also new and feature a five-bolt attachment.

CAPRI

Capri has a completely new instrument panel, a larger standard engine and other significant refinements. New simulated body-side dual air scoops and a new tail lamp assembly with integrated backup lamps plus five new exterior colors make the Capri an award-winning design.

Capri's sporty exterior also features a new blackout grille and new tail lamps.

Interior changes include a lockable glove box and a new simulated walnut finish. Replacing the 1600cc engine as the standard powerplant is the more powerful 2000cc overhead cam, four-cylinder engine. A V-6 with 2600cc (155 cubic inches), continues as an optional engine on the higher series Capri.

The standard transmission on all models is the four-speed manual transmission with synchromesh in all forward gears. An optional automatic transmission is available on all models. The 2000cc engine is teamed with a 3.44:1 axle ratio while the 2600cc has a 3.22:1 gear set.

The Decor Group includes an electric rear window defroster, unique front seats and separate contour bucket-style rear seats, an adjustable map light, simulated leather trimmed sports steering wheel, a fully reclining front seat plus a simulated leather trimmed gearshift knob.

LINCOLN CONTINENTAL

For 1973, a number of subtle refinements and changes are introduced to maintain the Lincoln Continental as a distinctive motor car.

A Town Coupe which includes many exclusive features found on the Town Car is added to the model lineup.

Several noteworthy improvements include improved sound insulation, larger radial-ply steel-belted white side-

wall tires, and a wiper arm mounted windshield washer nozzle jet. Theft protection is increased by the placement of the hood release inside the passenger compartment and a lock for the spare tire. Both are standard items on all models.

New options for 1973 include a right-hand remote control outside mirror and vent front windows on the four-door sedan.

Technical changes include a 77 ampere side terminal battery . . . new front disc brakes . . . and of course the impact-absorbing capability for front and rear bumpers are detailed in the following pages.

SelectShift automatic transmission coupled to the 460 CID 4V engine continue as the standard power team. No optional engines or transmissions are available.

Rear axle ratio is changed to 2.75 to 1 from the previous 2.80 to 1 ratio. A 3.00 to 1 ratio continues as an option.

CONTINENTAL MARK IV

For 1973, the classic Continental Mark IV presents a modified front end appearance with changes centered in the new front bumper with impact-absorbing capability and a revised version of the traditional radiator-shell type grille.

Shock absorbers are mounted at a new angle and have new engineering features to add to the ride comfort level. A Freon filled plastic bag placed in the fluid reservoir fills the reservoir air space, thus reducing fluid aeration and foaming under high velocity shock absorber motion. Freon also helps in cooling the shock absorber fluid. There is also an additional compression control valve.

Mark IV rear drum brakes are increased from 11 x 2 $\frac{1}{4}$ inches to 11 x 2 $\frac{1}{2}$ inches, providing approximately 11 percent more effective brake lining area.

The 460 CID 4V, V-8 powerplant and the SelectShift automatic transmission continue as the standard power team for 1973. The axle ratio is now 2.75 to 1 (versus 2.80 to 1 last year), with a 3.25 to 1 ratio as optional replacing the 3.00 to 1 ratio used in 1972.

Tire size is also increased from the 225-15 of last year to 230-15. Michelin white sidewalls that feature radially steel belted construction and the Sure-Track brake system remain standard equipment.

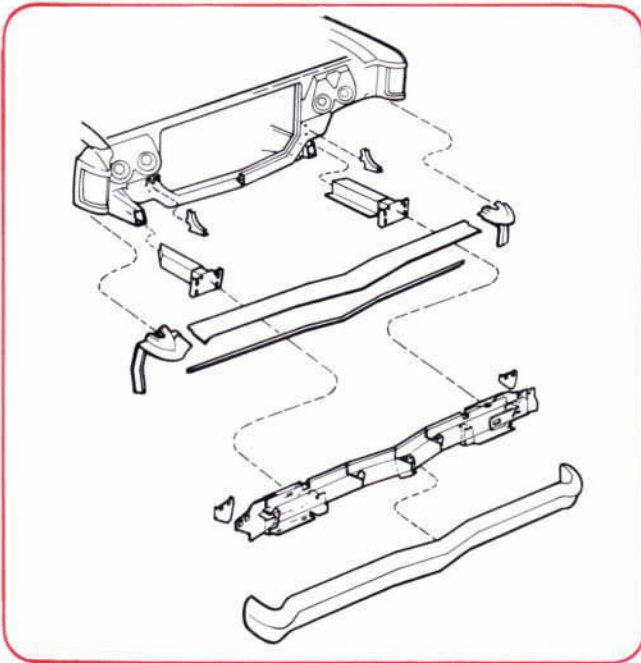
NEW TECHNICAL

IMPACT-ABSORBING FRONT AND REAR BUMPER SYSTEMS

All 1973 Ford-built passenger vehicles must be able to sustain a five-mile-per-hour front impact and a two-and-one-half-mile per-hour rear impact (straight on), into a flat, vertical fixed barrier without impairing the performance or function of safety related items such as the fuel system . . . exhaust . . . cooling . . . lighting . . . and also the latching arrangement for the front hood and rear deck.

And, to provide bumper face protection . . . bumper guards with rubber inserts and bumper horizontal rub strips are available on all cars either as standard or as optional equipment.

This new bumper impact-absorbing system includes a steel bumper, heavier than in 1972, and a full-width steel or aluminum reinforcement directly behind the bumper. Two Ford-designed, impact-absorbing devices are mounted to the frame or the underbody structure plus larger bumper mounting brackets. On Mustang models . . . the bumper is constructed of molded urethane with a steel reinforcement backing it up.



Approximately 100 pounds is added to the full-size Ford; about 45 pounds is added to the Pinto and Capri; Lincoln Continental has added 130 pounds. All other Ford-built passenger cars vary between these figures.

To provide "stroking" of the impact-absorbing unit, all front bumpers are located from 3 to 4 inches ahead of front end ornamentation and adjacent sheet metal. At full design stroke (when hitting the fixed barrier at specified speeds), 1/2-inch clearance is maintained between the bumper and the sheet metal. The stone deflectors located between the bumper and the body that have been stationary in past models, are now designed to move or flex along with movement of the bumper face bar.

Numerous changes have been brought about in other systems of the car because of this impact-absorbing device. Frames and underbodies have been redesigned to accept this new device and also strengthened to withstand the impact forces.

On body/frame passenger cars, the curvature of the front "S" rails is now straighter than past designs. Although all 1973 model cars are not affected in all areas, changes have been made in the springs, in the wheels, tires, brakes, steering and also the body mounts due to added weight imposed on the front end and suspension.

On all cars except the full-size Ford models, the typical rear bumper is attached with controlled-collapse hangers. To provide movement of the rear bumper because of the collapse of the hangers, which will occur under severe impact, the bumper face bar is relocated up to 1 1/2 inches further from the body sheet metal. At a 2 1/2 miles per hour rear impact, these hangers absorb the force by partially collapsing. However, after impact, the rear bumper does not return to its original position, as do the front bumpers.

On impact, the I-beam is driven rearward, stretching the rubber blocks. After impact, the rubber returns to its normal shape and repositions the bumper to its original design clearances with the sheet metal.

A 5,300 pound vehicle, such as the Ford station wagon, transmits a force of approximately 13,000 pounds to each impact-absorbing device when striking a fixed vertical barrier at five miles per hour. At this force level, the ram portion of the device moves as much as three inches and yet is capable of a 3 1/2" rearward movement.

In the full-size Ford car, a smaller and shorter version of this front impact-absorbing device is used in the rear bumper system. Two of these units are attached to the frame and to the bumper as in the front. And, at a 2 1/2 miles per hour impact, the ram in the device moves approximately one inch forward and then returns the bumper to its original position.

Here is a closeup of the impact-absorbing device. It consists of a steel I-beam section or ram inside a steel outer case. A rubber block, rectangular in shape, is located on each side of the I-beam and connects the ram to the case. These rubber blocks are made from a special compound specified by the Ford Scientific Laboratory. They are permanently bonded with a tough thermo-setting adhesive to both the ram and to the case.

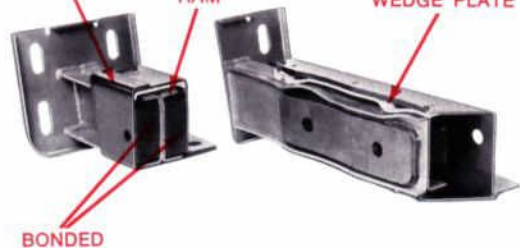
The ram portion is attached directly to the steel reinforcement located inside the bumper and the case is directly attached to the frame or, on some installations, the underbody.

Inside the top section of the case is a wedge-type plate that applies a pre-load to the ram section to prevent minor movement of the ram, thus helping to reduce bumper vibrations which could otherwise occur during rough road driving conditions. Weight of the largest of these devices (used on Ford, Thunderbird, Torino, Mercury, Monterey, Montego) is 19 pounds while the smallest unit, used on the Pinto, weighs 12 pounds.

STEEL OUTER CASE

RAM

WEDGE PLATE



FEATURES FOR 1973

EXHAUST GAS RECIRCULATION (EGR) SYSTEM

All Ford-built passenger cars (except the Pinto) use an Exhaust Gas Recirculation system for control of NOx . . . (oxides of nitrogen).

This new system takes part of the burned exhaust gas and routes it back to the engine's fuel/air intake system underneath the carburetor. This dilutes the incoming charge of fuel/air and reduces combustion chamber temperatures.

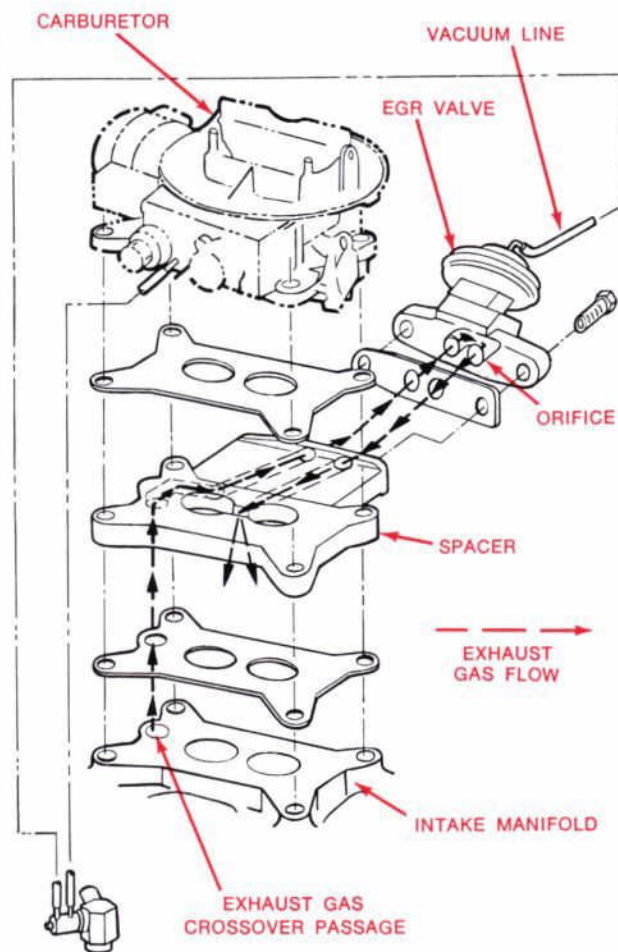
Oxides of nitrogen are formed in automobile engines when the nitrogen in the air drawn into the combustion chambers combines with available free oxygen at high temperatures (over 3,000 degrees F.). Concentrations of NOx increase with engine load as the combustion temperature rises. It is interesting to note that a richer fuel mixture reduces NOx but also **INCREASES** emissions of hydrocarbons. A leaner mixture plus a retarded spark **REDUCES** NOx somewhat but at the same time causes driveability problems. As a result, and because of these factors, it was necessary to develop the EGR system to achieve the degree of NOx control called for by the Federal Government.

However, the system must be adjusted properly to achieve both an acceptable performance and NOx levels. The key words are *Adjusted Properly*.

On V-8 engines, the EGR valve is attached to the rear of the carburetor spacer. Exhaust gases are extracted from a drilled passage in the exhaust crossover passage in the intake manifold . . . then routed and metered through the EGR valve to a passage in the carburetor spacer and finally directed into the primary bores of the intake manifold.

On six cylinder engines, the EGR system is basically the same except that the exhaust gases are extracted from the exhaust manifold at the rear of the engine.

The EGR valve assembly design is such that individual components **ARE NOT** serviced separately . . . the valve assembly **MUST BE REPLACED AS A UNIT**.



WIPER ARM MOUNTED WINDSHIELD WASHER JETS

Both the 1973 full-size Ford and Mercury models are equipped with a new windshield washer system. The most significant change is the mounting of the washer nozzles about half-way up the wiper arm. The nozzle sprays the washer fluid directly in front of the moving wiper blade. As a result of this new placement and jet stream action, cleaning of the windshield glass is faster . . . less fluid is needed . . . and there is less chance that fluid will be deflected by air flow at highway speeds.

Along with this new jet mounting is a larger windshield washer reservoir with a 2½ quart capacity, that replaces the 63 ounce reservoir used in 1972.



NEW TECHNICAL

ANTI-THEFT ALARM SYSTEM

Here's a major deterrent to car theft and also theft of vehicle contents. It is an optional system available on all 1973 full-size Ford and Mercury models.

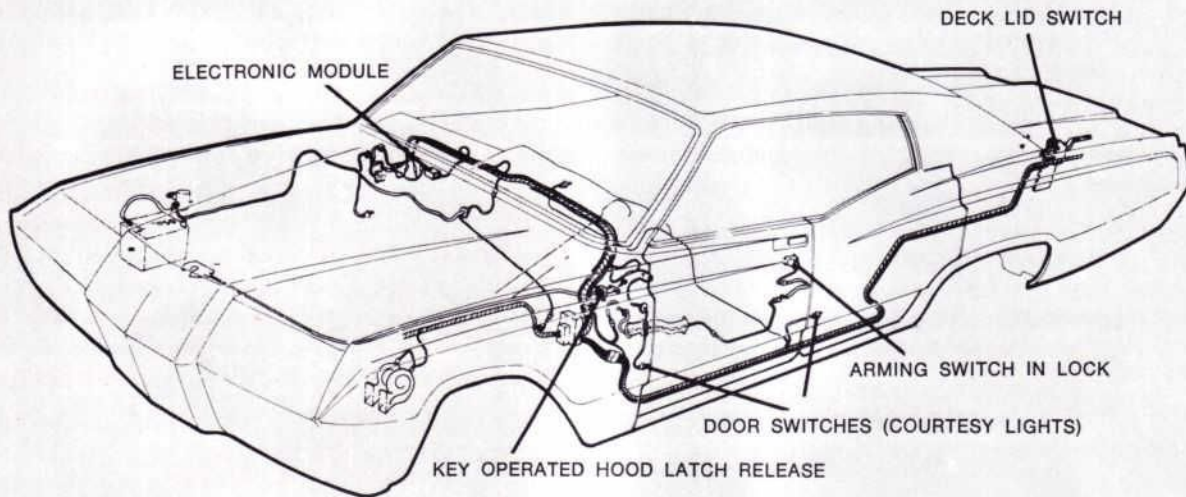
A solid-state electronic device which senses electrical voltage differential and a switch attached to the front door lock tumblers provide the method for "arming" this system. To "arm" the system, the driver must use the key to lock the door. Disarming the system is performed when the door is then unlocked by use of the key.

Once the system is "armed" and ready to function, any forced access to the passenger or luggage compartment energizes the switch which in turn causes the horns to sound on and off for about five minutes. When this occurs,

the system can only be made inoperative by turning the ignition switch to the ON position. Cutting the wires leading to the door lock switches will NOT disarm the system.

The electronic module (a solid state device located in the passenger compartment) provides these SIX functions: senses voltage differentials . . . activation . . . sounding the horn . . . timing . . . automatic shut-down . . . and deactivation.

A method of locking the inside hood release handle is included in this option since the car's battery is the source of power. Attached to the hood release handle (inside the passenger compartment), is a conventional tumbler type lock that uses the luggage compartment key.



SPARE TIRE LOCK

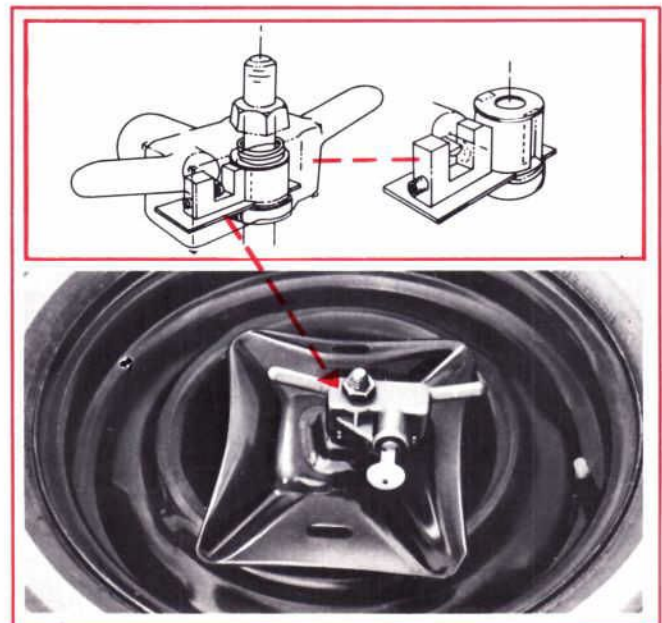
The spare tire lock is designed to help prevent theft of the spare wheel and tire even after a forced entry into the luggage compartment. The lock is standard on Thunderbird, Lincoln Continental and Mark IV. It is available with various option groups on other car lines.

The lock assembly replaces the conventional hold-down wing nut on the spare tire and is locked and unlocked by the luggage compartment key.

The assembly consists of four major components—an outer housing, the key locking mechanism, a spring loaded plunger, and an inner casting which threads on the tire hold-down bolt.

When the unit is unlocked with the key, the spring loaded plunger, carried in the outer housing, engages a slot in the inner casting. The assembly then acts as a single-piece unit which can be spun off-or-on the hold-down bolt to remove or install the spare tire.

When the lock assembly is installed, inserting and turning the key withdraws the plunger, disconnecting the outer housing from the inner casting. This permits the outer housing to freewheel, effectively preventing removal of the unit.



FEATURES FOR 1973

90 AMPERE ALTERNATOR

New for 1973 is a 90 ampere output alternator for increased electrical power. This new alternator is included with the optional rear window electric defroster package on most models.

The overall dimensions remain the same as those of the unit used in 1972.

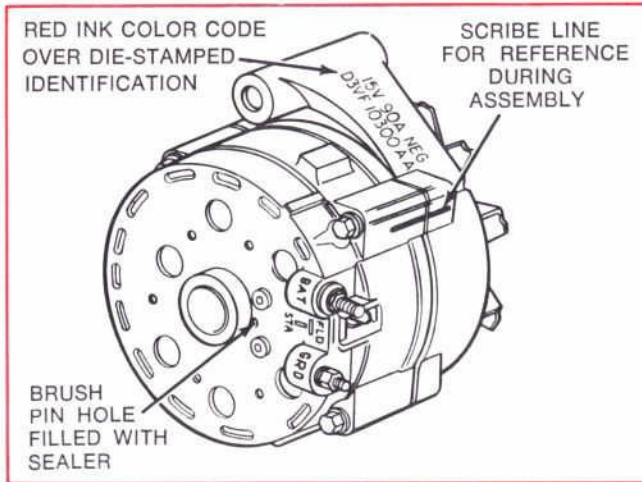
In addition to providing 38 percent more maximum output, the 90-amp alternator also has a proportionate

output increase at low speed.

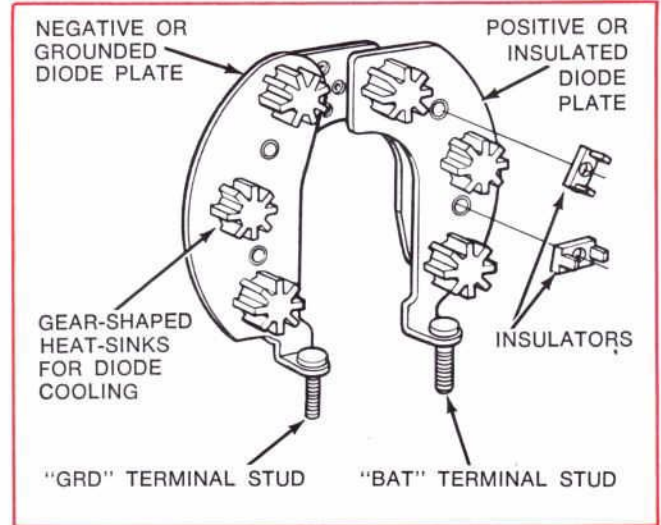
The higher output is obtained by two major internal changes to the STATOR and the RECTIFIER.

RECTIFIER: Copper diode plates with extruded, gear-shaped heat-sinks for each of the six diodes.

STATOR: The three phases are *Delta* connected, instead of the "Y," and each coil has more turns of wire.



Shown is a rear view of the new 90 ampere alternator indicating positions of the side mounted terminals. Note the scribe method that acts as a guide during disassembly, reassembly and installation.



Note the position of the gear-shaped heat sinks for diode cooling and the insulators for separation of the positive and negative diode plates.

STATION WAGON SPARE TIRE EXTRACTOR

Standard equipment on all full-size Ford and Mercury station wagons is a simple but very effective extractor for removing the spare tire from its position in the right rear quarter panel of the cargo or seat area.

This extractor consists of a plastic sling fastened to the front of the spare tire stowage-well area with a plastic handle at the rear section. The sling is placed underneath the tire while the plastic handle is held in position with a clip arrangement.

When it is necessary to remove the tire and wheel, the hold-down wing nut and the jack base must first be removed. Then, with the plastic handle disconnected from its retaining clip, pulling up and out on the handle lifts the tire out of the wheel well with a minimum amount of effort.

A pull on the handle applies force to the plastic sling and helps remove the tire from the wheel well. ➡



1973 EMISSION SYSTEMS REQUIRED MAINTENANCE SERVICES

ALL CAR MODELS, FORD AND LINCOLN-MERCURY DIVISIONS

• FORD • MAVERICK • MUSTANG • PINTO • THUNDERBIRD • TORINO • RANCHERO • CAPRI • COMET
• COUGAR • MERCURY • MONTEGO • LINCOLN CONTINENTAL • MARK IV

These maintenance services must be performed at the indicated intervals, following the procedures in the 1973 Ford and Lincoln-Mercury Division Car Shop Manuals. Maintenance service adjustments MUST CONFORM TO SPECIFICATIONS published in the 1973 Car Specifications Manuals or the emission systems may become inoperative. These services are not covered by the Warranty, and the customer will be charged for the labor, parts and lubricants used.

IMPORTANT NOTE: The 4,000 Mile Maintenance Intervals are NEW For 1973 Models Only

ENGINE

	MAINTENANCE INTERVALS TIME IN MONTHS, OR MILEAGE IN THOUSANDS, WHICHEVER OCCUR FIRST											
	4	8	12	16	20	24	28	32	36	40	44	48
Engine Oil (1)	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change	Change
Engine Oil Filter (1)	Replace		Replace		Replace		Replace		Replace		Replace	
TRS or Throttle Solenoid Fuse (7)	Check	Check	Check	Check	Check	Check	Check	Check	Check	Check	Check	Check
Deceleration Valve (4 Cyl. Engines) (2)	Check											
Engine Valve Clearance												
• 1600 cc Engine	Adjust		Adjust		Adjust		Adjust		Adjust		Adjust	
• 2000cc-2600cc			Adjust		Adjust		Adjust		Adjust		Adjust	Adjust
Idle Fuel Mixture	Adjust (4 Cyl. Only)		Adjust			Adjust			Adjust			Adjust
Fast Idle Speed	Adjust (4 Cyl. Only)		Adjust			Adjust			Adjust			Adjust
Curb Idle Speed	Adjust (4 Cyl. Only)		Adjust			Adjust			Adjust			Adjust
Throttle Solenoid "Off" Speed			Adjust			Adjust			Adjust			Adjust
Intake Manifold Bolts (V-8 Engines)						Torque						Torque
(4 Cyl. & V-6 Engines)	Torque (4)		Torque			Torque			Torque			Torque
Crankcase-Emission Filter in Air Cleaner (4)		Replace		Replace		Replace		Replace		Replace		Replace
Carburetor Air Cleaner Element (4)			Replace			Replace			Replace			Replace
Fuel Vapor Emission Control System												
• Fuel Tank Filler Cap (2)			Inspect			Inspect			Inspect			Inspect
• Hoses and Vapor Lines (2)			Inspect			Inspect			Inspect			Inspect
Crankcase Breather Cap (4)			Clean			Clean			Clean			Clean
Spark Plugs (1) (3)			Replace			Replace			Replace			Replace
Initial Ignition Timing			Adjust			Adjust			Adjust			Adjust
Distributor Points												
All Except 4 cyl.			Inspect (2)			Replace			Inspect (2)			Replace
4 cyl. Engines			Replace			Replace			Replace			Replace
Spark Plugs Wires Resistance			Check			Check			Check			Check
Spark Control System												
• Vacuum Hoses			Inspect			Inspect			Inspect			Inspect
• Electrical Leads			Inspect			Inspect			Inspect			Inspect
• Advance & Retard Cut in Speed (2)			Check			Check			Check			Check
• Thermal Switch (2)			Check			Check			Check			Check
Spark Delay Valve			Replace			Replace			Replace			Replace
PCV Valve			Replace			Replace			Replace			Replace
PCV System Hoses & Tubes (2)			Clean			Clean			Clean			Clean
Air Cleaner Temperature Control			Check			Check			Check			Check
Carburetor												
• Throttle & Choke Linkage (2)			Check			Check			Check			Check
• Air Valve (2)			Check			Check			Check			Check
• Throttle Solenoid (2)			Check			Check			Check			Check
Fuel System Filter			Replace			Replace			Replace			Replace
Fuel Lines & Connection (2)			Inspect			Inspect			Inspect			Inspect
EGR System (3) (2)			Check			Check			Check			Check
Coolant Condition & Protection			Check (4)			Replace (5)			Check (4)			Replace (5)
Cooling System Hoses & Clamps			Check			Check			Check			Check
All Drive Belts (2)			Check			Check			Check			Check
Distributor Cap & Rotor (2)						Inspect						Inspect
Evaporative Emission Canister (2)						Inspect						Inspect
Engine Compression (2)						Check			Check			

(1) Severe Service Operation

When operating your car under any of the following conditions, change engine oil every 2 months or 2,000 miles and oil filter every 4 months or 4,000 miles, check spark plug wires resistance and clean and regap spark plugs every 4 months or 4,000 miles whichever comes first:

- Extended periods of idling or low-speed operation such as police, taxi or door-to-door delivery service.
- Towing trailers over 2,000 pounds gross loaded weight for long distances.
- Outside temperature remains below +10° F. for 60 days or more and most trips are less than 10 miles.
- In severe dust conditions.

(2) Adjust, repair or replace as required.

(3) Clean exhaust passages in EGR valve, carburetor spacer and intake manifold (V-8 engines). Check temperature switch.

(4) If coolant is dirty or rusty in appearance, the system should be cleaned and flushed. The radiator cap should be cleaned and the system refilled with the prescribed solution of Ford Cooling System Fluid and water.

(5) Drain and flush cooling system, and replace cooling system fluid—each 24 months regardless of mileage.

(6) More often if operated in severe dust conditions.

(7) Using 91 Octane regular fuel (gasoline grade 2 under the preferred SAE rating system). When using leaded fuel (gasoline grade 3 or higher under the preferred SAE rating system) and extended periods of low speed operation, change spark plugs each 8,000 miles.

(8) V-6 engines only

Emission System Abbreviations:

TRS—Transmission Regulated Spark Control System

PCV—Positive Crankcase Ventilation System

EGR—Exhaust Gas Recirculation System

1973 VEHICLE SCHEDULED MAINTENANCE SERVICES

ALL CAR MODELS, FORD AND LINCOLN-MERCURY DIVISIONS

- FORD • MAVERICK • MUSTANG • PINTO • THUNDERBIRD • TORINO • RANCHERO • CAPRI • COMET
• COUGAR • MERCURY • MONTEGO • LINCOLN CONTINENTAL • MARK IV

These scheduled maintenance services should be performed as indicated to keep the owner's car operating at peak performance

IMPORTANT NOTE: The 4,000 Mile Maintenance Intervals are NEW For 1973 Models Only

MAINTENANCE OPERATION	Service Interval Number of Months or Thousands of Miles— Whichever Comes First											
	4	8	12	16	20	24	28	32	36	40	44	48
EACH 4,000 MILES OR 4 MONTHS (Whichever Comes First)												
Check power steering fluid level	X	X	X	X	X	X	X	X	X	X	X	X
FIRST 4,000 MILES OR 4 MONTHS (Whichever Comes First) and EVERY 8,000 MILES OR 8 MONTHS THEREAFTER (Whichever Comes First)												
Check rear axle fluid level ①	X	X	X	X	X	X	X	X	X	X	X	X
Check automatic transmission fluid level ①	X	X	X	X	X	X	X	X	X	X	X	X
Check brake master cylinder fluid level ①	X	X	X	X	X	X	X	X	X	X	X	X
Check manual transmission fluid level ①	X	X	X	X	X	X	X	X	X	X	X	X
Check clutch pedal free play. Adjust if required. (Manual trans.)	X	X	X	X	X	X	X	X	X	X	X	X
Lubricate hood hinges, hood latch mechanism	X	X	X	X	X	X	X	X	X	X	X	X
Lubricate tailgate hinges (Station Wagons)	X	X	X	X	X	X	X	X	X	X	X	X
Lubricate all lock cylinders	X	X	X	X	X	X	X	X	X	X	X	X
Lubricate parking brake linkage (Capri only)	X	X	X	X	X	X	X	X	X	X	X	X
Inspect brake linings (Capri only)	X	X	X	X	X	X	X	X	X	X	X	X
AT FIRST 4,000 MILES OR 4 MONTHS ONLY (Whichever Comes First)												
Torque exhaust manifold bolts (1600 cc and 2000 cc engines only)	X											
EACH 12,000 MILES OR 12 MONTHS (Whichever Comes First)												
Adjust automatic transmission bands—Normal service (At first 12,000 miles or 12 months only) Severe service or Police & Taxi Use (Every 12,000 miles)			X			X			X			X
Lubricate steering arm stops			X			X			X			X
Check clutch and transmission linkage—adjust as required			X			X			X			X
Check steering linkage for abnormal looseness or damaged seals			X			X			X			X
Check and lubricate Hurst Shift Control (Cougar, Mustang, Torino, Montego)			X			X			X			X
EACH 24,000 MILES OR 24 MONTHS (Whichever Comes First)												
Clean and repack front wheel bearings							X					X
Inspect brake lines and linings—Service as Required							X					X
EACH 36,000 MILES OR 36 MONTHS (Whichever Comes First)												
Lubricate front suspension ball joints										X		
Lubricate steering linkage (all except Comet, Cougar, Maverick, Mustang, Pinto)										X		
Lubricate power steering control valve ball stud (Comet, Maverick)										X		
Lubricate front suspension upper arm inner shaft bushing (Comet, Maverick, Mustang, Cougar) Also Ford, Mercury, Montego, Torino in police and taxi service										X		

MAINTENANCE NOTES: ① Add fluid if required (additional cost)

***SEVERE SERVICE OPERATION**

When operating a car under any of the following conditions:

- Extended periods of idling or low-speed operation such as Police, Taxi or Door-To-Door Delivery Service
- Towing Trailers over 2,000 pounds Gross Loaded Weight for Long Distances
- Outside Temperature remains Below +10°F. for 60 Days or More and most trips are Less than 10 Miles
- In Severe Dust Conditions

Change Engine Oil Every 2 Months or 2,000 Miles and the Oil Filter Every 4 Months or 4,000 Miles and Clean and Regap Spark Plugs Every 4 Months or 4,000 Miles (Whichever Occurs First)

1973 FORD



MODELS

- FORD GALAXIE 500 • FORD CUSTOM 500 • FORD LTD
- FORD LTD BROUGHAM • FORD COUNTRY SQUIRE
- FORD COUNTRY SEDAN • RANCH WAGON

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Left Rear Fender
- ② **OIL FILLER CAP**—8 cyl.—Left Front Rocker Arm Cover
- ③ **PCV VALVE**—Located in Rocker Cover; Left Front 351 2V, 400 2V; CID Right Rear 429 4V, 429 V4 CID Police
- ④ **FUSE PANEL**—Located to Left of Steering Column on the Dash Panel
- ⑤ **HOOD LATCH**—Top Center of Grille
To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5 & 60W	4000
Headlights Hi-Beam	37.5W	4001
Front Park/Turn Signal/Emergency Flashers	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1156
License Plate	4 c.p.	90
Dome Lamp	12 c.p.	561
Side Marker		
Front	2 c.p.	97NA
Rear	2 c.p.	194
Front Cornering Lamp	50 c.p.	1295
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Alternator Warning	2 c.p.	194
Oil Warning	2 c.p.	194
Temp Warning	2 c.p.	194
Warning Lights/Hydraulic Brake	2 c.p.	194
Fuel and Speedometer/Instruments	2 c.p.	194
Glove Compartment	1.5 c.p.	194
Deluxe Seat Belt	2 c.p.	194
Ash Tray	1.3 c.p.	161
Heater (or Optional A/C) Controls	1 c.p.	161
Clock	2 c.p.	194
Courtesy Lamp—Inst. Panel	6 c.p.	631
Accessory Equipment		
Fog Lamps—Clear	35W	4415
Fog Lamp Switch	1 c.p.	53X
Spotlight	30W	4405
Radio Dial Lamp/AM/AM-FM/AM Stereo	2 c.p.	1893
Floor Shift Quadrant	1.5 c.p.	1445
Luggage Compartment	6 c.p.	631
Portable Trunk Lamp	15 c.p.	1003
Engine Compartment Lamp	6 c.p.	631
Parking Brake Indicator	2 c.p.	194
Seat Belt Reminder	2 c.p.	194
Parking Brake Reminder	2 c.p.	194
Open Door Warning (Taxi)	2 c.p.	1895
Cargo Lamp (SW)	12 c.p.	105
AM-FM Radio Stereo Jewel	1.3 c.p.	1893
Rear Window Electric Defrost Indicator	Bulb and Wire Assembly	
NA—Natural Amber Color Bulb SW—Station Wagon		

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Parking, Marker, License, Taillights, Horns, Headlights	Integral with Light Switch	18	C.B.
(Accy) Seat Belt Reminder Ind., Parking Brake Release Warning (RPO), Rear Window Defogger (RPO) or Electric Rear Window Defrost (RPO), Power Window Safety Feed, Cornering Lamp	Fuse Panel	20	SFE
Back-up Lamps and Throttle Positioner	Fuse Panel	15	SFE
Door Courtesy, Map, Glove Box, Luggage Compartment Lamp, Clock Feed, Dome Lamp, Courtesy "C" Pillar and Cargo, Seat Back Latch Control, Ignition Key Warning Buzzer	Fuse Panel	15	SFE
Emergency Warning, Cigar Lighter and Stop Lamps	Fuse Panel	15	SFE
Instrument Panel & Cluster Illumination—Clock, Ash Tray, Head Lamp & Windshield Wiper Switch, Heater—A/C & ATC Control	Fuse Panel	4	AGA
Windshield Washer, Rear Window Defogger, Cornering Lamps, Speed Control Relay, Police Accessory Relay Coil Feed, Power Window Safety Relay Coil Feed, Heated Backlite Relay Coil Feed, Intrusion Alarm System	Fuse Panel	20	SFE
Spotlight	Fuse Cartridge in Line	7.5	SFE
Heater & Defroster	Fuse Panel	15	SFE
Air Conditioning (RPO)	Fuse Panel	30	SFE
Air Conditioning (Dealer Inst.)	Cartridge in Feed Line	20	SFE
Emission and/or Carburetor Solenoid and Warning Lamps (Engine Hot Ind., Dual Brake, Oil Pressure Ind. and Alternator Ind.)	Fuse Panel	7.5	SFE
Speed Control	Fuse Cartridge In Line	5	SFE
Windshield Wiper	Fuse Panel	8.25	SFE
Power Window, Convertible Top & Station Wagon Power Backlite Window, Power Seats	On Starter Relay	20	C.B.
Motors: Power Seats, Power Window, Convertible Top and Power Backlite	Integral with Motor	—	C.B.

*C.B. Circuit Breaker

FORD

APPROXIMATE REFILL CAPACITIES
(U.S. Measure)

Fuel Tank All Models except Station Wagon	22 gal.	Engine Crankcase (Includes 1 qt. for filter) 351, 400 & 429 CID	5 qts.
Station Wagon	21 gal.	429 Police Interceptor & Taxi	7½ qts.**
Cooling System (Includes 1 qt. for heater)	14¼ qts.	Transmission Select-Shift 351 CID	10¼ qts.*
351 CID STD	15½ qts.	400, 429 CID	12½ qts.*
351 CID A/C	16¼ qts.	Rear Axle 351, 400 Integral Carrier	4 pts.
351W STD	16½ qts.	351, 400, 429 CID—Removable Carrier	5 pts.
351W A/C	17½ qts.	Power Steering System	2½ pts.*
351 Police-Taxi	18 qts.		
400 CID-STD, A/C	18 qts.		
400 CID Police-Taxi	20 qts.		
429 CID, STD, A/C	19½ qts.		
429 CID Police, Taxi, A/C	20 qts.		

*Dry System: Dipstick used to determine exact fill requirements. AC—Air Cond. **Includes ½ qt. for Oil Cooler

FORD

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches			
	351-W 2V	351-C 2V	400 2V	429 4V
No. of Cylinders.....	8	8	8	8
Bore (Inches).....	4.00	4.00	4.00	4.36
Stroke (Inches).....	3.50	3.50	4.00	3.59
Valve Lifters*.....	H	H	H	H
Fuel R-Regular**.....	R	R	R	R
Carburetor.....	2V	2V	2V	4V
Distributor Point Gap (Inches).....	.017	.017	.017	.017
Dwell Angle at Idle Speed.....	26°-30°	26°-30°	26°-31°	26°-30°
Spark Plug***.....	BRF-42	ARF-42	ARF-42	ARF-42
Spark Plug Gap (Inches).....	.034	.034	.034	.034
Firing Order.....	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance.....	—	—	—	—
Choke Housing Setting.....	1 Rich	3 Rich	3 Rich	Index
Initial Ignition Timing.....	See engine decal for this specification.			
Idle Speed (RPM).....	See engine decal for this specification.			

* H—Hydraulic
 ** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.
 *** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

FORD

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches			
	351-W 2V	351-C 2V	400 2V	429 4V
Choke Pulldown Setting				
Man.....	—	—	—	.200
Auto.....	—	—	—	.200
Accelerator Pump Setting.....	No. 3A Inboard	No. 3A Inboard	No. 3A Inboard	No. 1 Inboard
Distributor Vacuum Advance and Retard.....	Check function at 15 inches of mercury			
High Tension (Ignition) Wire Resistance.....	Not to exceed 1000 OHMS per inch			
Ignition Coil Voltage Output.....	Must fire across 3/16 inch gap			
Vacuum Advance/Retard Cut-In Speed (mph).....	—	—	—	—
Valve Clearance (Solid Tappet Engine Only)				
Intake.....	—	—	—	—
Exhaust.....	—	—	—	—
Intake Manifold Bolt Torque (Ft. Lbs.).....	23-25	21-25— ⁵ / ₁₆ In. Bolt 27-33— ¹ / ₈ In. Bolt		25-30

FORD

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid.

The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged.

Distributor Rotor Rotation: 8 cyl. Counterclockwise.

1973 TORINO



MODELS

- TORINO 2-DOOR HARDTOP • TORINO 4-DOOR PILLARED HARDTOP • 4-DOOR WAGON • GRAN TORINO 2-DOOR HARDTOP
- GRAN TORINO 4-DOOR PILLARED HARDTOP • 4-DOOR WAGON • GRAN TORINO SQUIRE 4-DOOR WAGON
- GRAN TORINO SPORT 2-DOOR HARDTOP • 2-DOOR SPORTSROOF • GRAN TORINO BROUGHAM 2-DOOR HARDTOP, 4-DOOR PILLARED HARDTOP
- RANCHERO 500 • RANCHERO GT • RANCHERO SQUIRE

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Sedan Model: Behind License Plate
Station Wagons & Rancheros: Left Rear Quarter Panel
- ② **OIL FILLER CAP**—6 cyl. Rear of Rocker Arm Cover
8 cyl. Left Front Rocker Arm Cover
- ③ **PCV VALVE**—Located in Rocker Cover: Front 250 CID; Left Front 302 2V, 351 2V, 351 4V, 400 2V CID; Right Rear 429 4V
- ④ **FUSE PANEL**—Located to Left of Steering Column on Dash Panel
- ⑤ **HOOD LATCH**—To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Lamp Number
Headlights Hi-Lo Beam	37.5 & 60W	4000
Hi-Beam	37.5W	4001
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal (Pass & SW)	3-32 c.p.	1157
Back-up Lamp (Passenger)	32 c.p.	1156
License Plate Pass. Car	4 c.p.	97
License Plate Sta. Wagon	6 c.p.	631
Dome Lamp	12 c.p.	561
Front/Rear Side Markers	2 c.p.	194
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Warning Lights	2 c.p.	194
Speedometer & Gauges	2 c.p.	194
Glove Compartment	3 c.p.	1816
Ash Tray	1 c.p.	161
Clock	2 c.p.	194
Courtesy Lamp	6 c.p.	631
Headlamp/Wiper Control Lights	2 c.p.	195
Heater Control Light	1 c.p.	161
Heater Fan Light	.75 c.p.	1892
Accessory Equipment		
Radio Dial Light	2 c.p.	1893
Auto. Trans Quadrant (PRND21)	1.5 c.p.	1445
Cluster	2 c.p.	194
Luggage Compartment	6 c.p.	631
Console Lamp	2 c.p.	1895
Engine Compartment Lamp	6 c.p.	631
Cargo Lamp (SW)	12 c.p.	105
Map Light	12 c.p.	105
Stereo Indicator	.75 c.p.	1892
NA—Natural Amber Color Bulb SW—Station Wagon		

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	18	C.B.
Heater-Defroster	Fuse Panel	25	SFE
Air Conditioner	Fuse Panel	35	C.B.
Instrument Panel Lights	Fuse Panel	4	SFE
Warning Lamps, Seat Belt Warning Buzzer, Emission Control	Fuse Panel	4	SFE
Back-up Lamps	Fuse Panel	15	SFE
Windshield Washer	Fuse Panel	7.5	SFE
Radio	Fuse Panel	15	SFE
Hazard Warning System	Fuse Panel	15	SFE
Cigar Lighter	Fuse Panel	15	SFE
Stop Lamps	Fuse Panel	15	C.B.
Courtesy Lamps	Fuse Panel	7.5	SFE
Parking Lights, License Light, Tail Lights, Console "PRND21", Horns, Marker Lights	In Headlight Switch	15	C.B.
Engine Compartment Light	In Line Fuse	7.5	SFE
Power Seat, Power Windows Motors	In Motor Assembly	—	C.B.
Windshield Wiper	In Wiper Switch	—	C.B.
Rear Window Defroster, Automatic Seat Back Latch, Electric Windows, Seats & Rear Window (Sta. Wagon)	Attached to Starter Relay	20	C.B.
Windshield Wipers (All)	In Switch	—	C.B.
Heated Backlite	In Wiring	14	Fuse Link
Trailer Towing	In Wiring	16	Fuse Link

*C.B. Circuit Breaker

TORINO and RANCHERO APPROXIMATE REFILL CAPACITIES (U.S. Measure)

Fuel Tank		Engine Crankcase (Includes 1 qt. for filter)	
All Models except Station Wagon	22½ gal.	250 CID	4½ qts.
Station Wagon	20 gal.	302, 351, 400, 429, 460 CID	5 qts.
Cooling System (Includes 1 qt. for heater)		460 Police and Taxi (Includes ½ qt. for oil cooler)	7½ qts.
250 CID	11½ qts.	Transmission	
250 Police and Taxi	12 qts.	3-Speed Manual	3½ pts.
302 CID	15¼ qts.	4-Speed Manual	4 pts.
302 E/C	15¼ qts.	Select-Shift	
351C—4V Std.	15¼ qts.	250, 302 (C4)	9 qts.*
351C—4V Police and Taxi, A/C, TT, E/C	16¼ qts.	351 (C4)	10¼ qts.*
351—2V E/C, A/C	16¼ qts.	351—4V CID (C6) 10½" Converter	10½ qts.*
351—2V Police and Taxi, TT	17¼ qts.	12" Converter	12½ qts.*
400 CID E/C	17¼ qts.	Rear Axle	
400 Police and Taxi, TT	18½ qts.	250, 302 CID	4 pts.
429 CID A/C, E/C	18¾ qts.	351, 400, 460, 429 CID	5 pts.*
429 Police and Taxi, TT	19½ qts.	Power Steering System	1.6 pts.*
460 Police	19½ qts.		

*Dry System: Dipstick used to determine exact fill requirements: A/C—Air Cond.; TT—Trailer Towing; EC—Extra Cooling

TORINO and RANCHERO ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement (Cubic Inches)	250 1V	302 2V	351-W 2V	351-C 2V	351-C 4V	400 2V	429 4V
No. of Cylinders	6	8	8	8	8	8	8
Bore (Inches)	3.68	4.00	4.00	4.00	4.00	4.00	4.36
Stroke (Inches)	3.91	3.00	3.50	3.50	3.50	4.00	3.59
Valve Lifters*	H	H	H	H	H	H	H
Fuel R-Regular**	R	R	R	R	R	R	R
Carburetor	1V	2V	2V	2V	4V	2V	4V
Distributor Point Gap (Inches)	.027	.017	.017	.017	Man.-.020 Auto.-.017	.017	.017
Dwell Angle at Idle Speed	35°-39°	26°-30°	26°-30°	26°-30°	26°-31°	26°-31°	26°-30°
Spark Plug***	BRF-82	BRF-42	BRF-42	ARF-42	ARF-42	ARF-42	ARF-42
Spark Plug Gap (Inches)	.034	.034	.034	.034	.034	.034	.034
Firing Order	1-5-3-6-2-4	1-5-4-2-6-3-7-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance	—	—	—	—	—	—	—
Choke Housing Setting	Man. & Auto. Index	3 Rich	1 Rich	3 Rich	Man.-1 Rich Auto.-Index	3 Rich	Index
Initial Ignition Timing	See engine decal for this specification.						
Idle Speed (RPM)	See engine decal for this specification.						

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

TORINO and RANCHERO ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches						
	250 1V	302 2V	351-W 2V	351-C 2V	351-C 4V	400 2V	429 4V
Choke Pulldown Setting							
Man.	.300	—	—	—	.170	—	.200
Auto.	.190	—	—	—	.180	—	—
Accelerator Pump Setting	.420 Nom.	No. 2A Inboard	No. 3A Inboard	No. 3A Inboard	.38 ± .02	No. 3A Inboard	No. 1 Inboard
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury						
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch						
Ignition Coil Voltage Output	Must fire across 3/16 inch gap						
Vacuum Advance/Retard Cut-In Speed (mph)	—	—	—	—	—	—	—
Valve Clearance (Solid Tappet Engine Only)							
Intake	—	—	—	—	—	—	—
Exhaust	—	—	—	—	—	—	—
Intake Manifold Bolt Torque (Ft. Lbs.)	—	23-25	23-25	21-25—5/16 In. Bolt 27-33—3/8 In. Bolt			25-30

TORINO and RANCHERO SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid. The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise; 8 cyl. Counterclockwise.

1973 MUSTANG



MODELS

- MUSTANG 2-DOOR HARDTOP • 2-DOOR SPORTSROOF • CONVERTIBLE • MUSTANG GRANDE 2-DOOR HARDTOP
- MUSTANG MACH I 2-DOOR SPORTSROOF

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Rear—Center of Back Panel Behind License Plate
- ② **OIL FILLER CAP**—6 cylinder: Rear of Rocker Arm Cover
8 cylinder: Front of Left Rocker Arm Cover
- ③ **PCV VALVE**—Located in Rocker Covers: Front 250 CID
Left Front: 302, 351C 2V, 351C 4V CID; Right Rear
- ④ **FUSE PANEL**—Located on Plate Attached to Lower Right Hand Flange
Brake Pedal Support
- ⑤ **HOOD LATCH**—Release Safety Latch Under Front Center Position Above
Grille
To Release and Open the Hood Lift Upward on the Hood
Release Lever

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5 & 60W	4002
Front Park/Turn Signal	3-32 c.p.	1157
Side Marker/Front, Rear	2 c.p.	194
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1076
License Plate	4 c.p.	97
Courtesy Lights— Dome Pillar	12 c.p. 12 c.p.	561 105
Emergency Flashers (included in Front/Rear Turn Signals)		
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal-Indicator	2 c.p.	194
Warning Lights (All)	2 c.p.	194
Fuel and Speedometer	2 c.p.	194
Glove Compartment	2 c.p.	1895
Seat Belt Reminder	1.5 c.p.	1445
Heater (or Optional A/C) Controls	.75 c.p.	1445
Clock	2 c.p.	194
Courtesy Lamp—Under Panel	6 c.p.	631
Accessory Equipment		
Spotlight	30W	4405
Radio Pilot Light		
AM	2 c.p.	1893
AM-FM	.75 c.p.	1892
AM-Tape	2 c.p.	1445
Luggage Compartment	6 c.p.	631
Engine Compartment Lamp	6 c.p.	631
Parking Brake Warning	2 c.p.	194
Open Door Warning	2 c.p.	194
Parking Brake Reminder	2 c.p.	194
Rear Window Electric Defrost Indicator	Bulb and Wire Assembly	
Auto. Trans. Ind. (Floor Shift)	.75 c.p.	1445
Map Lamp	.75 c.p.	212
AM/FM Radio Stereo Jewel	1.3 c.p.	1892

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights & Hi Beam Ind.	Integral with Light Switch	12	C.B.
Tail Lights, Parking Lights, Headlights "On" Relay, PRND21 Lamp, Front/Rear Side Markers, License Light	Integral with Light Switch	15	C.B.
Courtesy Lamps, Dome, Map, Clock Feed, Headlamps "On" Buzzer, Ignition Key Warning Buzzer, Automatic Seat Back Latch, Luggage & Glove Compartment	Fuse Panel	14	SFE
Engine Compartment Lamp	Cartridge in Feed Line	7.5	SFE
Warning Lamps, Dual Brake, Distributor Vacuum Emission Control, Seat Belt Warning, Oil Pressure, Water Temp., Throttle Solenoid Positioner, Electronic Spark Control, Low Fuel Warning Feed, Door Open Warning Lamp	Fuse Panel	14	SFE
Back-up Lights, Windshield Washer and Radio, Turn Signals	Fuse Panel	15	SFE
Stop Lamps, Emergency Warning	Relay Panel above Glove Box	15	C.B.
Heater & Defroster	Fuse Panel	14	SFE
Air Conditioning (RPO)	Fuse Panel	30	SFE
Air Conditioning (Dealer Inst.)	Fuse Panel	30	SFE
Front Seat Back Latch Solenoid	Integral with Solenoid	—	C.B.
Windshield Wiper	Integral with Wiper Switch	7	C.B.
Power Seat, Auto. Seat Back Latch Solenoid Feed, Power Window, Convertible Top, Heated Backlight	On Starter Relay	20	C.B.
Motors: Power Window, Convertible Top	Integral with Motor	—	C.B.
Instrument Panel Illumination, Clock Illum., Cigar Lighter Illum., Heater Switch, Headlight Switch, W/S Wiper/Washer Switch, Ashtray, Radio and Gauge Illumination	Fuse Panel	4	AGA
Horns & Cigar Lighter	Fuse Panel	20	SFE
Parking Brake Warning, Power Window & Heated Backlite, Relay Coil Feed	Fuse Panel	20	SFE

*C.B. Circuit Breaker

MUSTANG

APPROXIMATE REFILL CAPACITIES (U.S. Measure)

Fuel Tank All Models	19.5 gal.	Transmission 4-Speed Manual	4 pts.
Cooling System (Includes 1 qt. for heater)		Select Shift	
250 CID	11¼ qts.	250, 302 CID	9 qts.*
302 CID	15¼ qts.	351-2V CID	11 qts.*
351 CID	15¼ qts.	351-4V CJ (12" Converter)	12¼ qts.*
351 CID (CJ)	16¼ qts.	351-4V CJ (10¼" Converter)	10¼ qts.*
Engine Crankcase (Includes 1 qt. for filter)		Rear Axle	
250 CID	4½ qts.	250, 302	4 pts.
302, 351 CID	5 qts.	351 CID	5 pts.

*Dry System: Dipstick used to determine exact fill requirements.

MUSTANG

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches			
	250 1V	302 2V	351-C 2V	351-C 4V
No of Cylinders	6	8	8	8
Bore (Inches)	3.68	4.00	4.00	4.00
Stroke (Inches)	3.91	3.00	3.50	3.50
Valve Lifters*	H	H	H	H
Fuel R-Regular**	R	R	R	R
Carburetor	1V	2V	2V	4V
Distributor Point Gap (Inches)	.027	.017	.017	Man.-.020 Auto.-.017
Dwell Angle at Idle Speed	35°-39°	26°-30°	26°-30°	26°-31°
Spark Plug***	BRF-82	BRF-42	ARF-42	ARF-42
Spark Plug Gap (Inches)	.034	.034	.034	.034
Firing Order	1-5-3-6-2-4	1-5-4-2-6-3-7-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8
Anti-Stall Dashpot Clearance	—	—	—	—
Choke Housing Setting	Man. & Auto. Index	3 Rich	3 Rich	Man.-1 Rich Auto.-Index
Initial Ignition Timing	See engine decal for this specification.			
Idle Speed (RPM)	See engine decal for this specification.			

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

MUSTANG

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches			
	250 1V	302 2V	351-C 2V	351-C 4V
Choke Pulldown Setting				
Man.	.300	—	—	.170
Auto.	.190	—	—	.180
Accelerator Pump Setting	.420 Nom.	No. 2A Inboard	No. 3A Inboard	.38 ± .02
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury			
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch			
Ignition Coil Voltage Output	Must fire across 3/16 inch gap			
Vacuum Advance/Retard Cut-In Speed (mph)	—	—	—	—
Valve Clearance (Solid Tappet Engine Only)				
Intake	—	—	—	—
Exhaust	—	—	—	—
Intake Manifold Bolt Torque (Ft. Lbs.)	—	23-25	21-25—5/16 In. Bolt 27-33—3/8 In. Bolt	

MUSTANG

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid. The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise. 8 cyl. Counterclockwise.

1973 MAVERICK



MODELS

- 2-DOOR SEDAN • 4-DOOR SEDAN • MAVERICK GRABBER

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Center of Rear Trunk Panel Above License Plate
- ② **OIL FILLER CAP**—Rear of Rocker Arm Cover
- ③ **PCV VALVE**—Located in Rocker Cover: Front 200, 250, 302 CID
- ④ **FUSE PANEL**—Located on Dash Panel to Left of Steering Column Above Pedals
- ⑤ **HOOD LATCH**—Top Center of Grille
To Open: Push Lever to Right and Raise Hood. Prop Open with Support Rod

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	50-60W	6014
Front Park/Turn Signal	3-32 c.p.	1157 NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1076
License Plate	4 c.p.	97
Front/Rear Side Markers	1 c.p.	161
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Warning Lights/Brake, Oil	2 c.p.	194
Headlamp/Wiper Controls Light	3 c.p.	1816
Fuel and Speedometer/Oil Warning	2 c.p.	194
Seat Belt Reminder	2 c.p.	194
Warning Light/Alt., Temp.	2 c.p.	194
Heater (or Optional A/C) Controls and Fan Light	.75 c.p.	1445
Clock (Console)	2 c.p.	1895
Accessory Equipment		
Spotlight	30W	4405
Auto, Trans. Quadrant and Ash Tray	7 c.p.	1445
Engine Compartment Lamp	6 c.p.	631
AM/FM Stereo Indicator	2 c.p.	1895
Radio Dial Light	2 c.p.	1893

NA—Natural Amber Color Bulb

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	12	C.B.
Tail Lights, Parking Lights, Front and Rear Side Markers, Stop Lamps, License Light and Horns	Integral with Light Switch	15	C.B.
Courtesy, Dome, Ignition Key Warning Buzzer, Sport Lights	Fuse Panel	14	SFE
Emergency Flasher, Cigar Lighter & Clock Feed (Console only)	Fuse Panel	20	SFE
Instrument & Cluster Lamps, PRNDL Lamp (Standard or Console), Radio Lamp, Ash Tray, Heater & A/C Illumination, Clock Light	Fuse Panel	4	SFE
Back-up Lights, Windshield Washer and Radio Feed	Fuse Panel	15	SFE
Spotlight	Fuse Cartridge in Line		
Heater & Defroster	Fuse Panel	14	SFE
Air Conditioning	Fuse Panel	30	SFE
Windshield Wiper	Integral with Wiper Switch	6	C.B.
Warning Lamps & Throttle Solenoid	Fuse Panel	4	SFE
Accessory Feed, Seat Belt Reminder, Rear Window Defogger	Fuse Panel	20	SFE

*C.B. Circuit Breaker

MAVERICK

APPROXIMATE REFILL CAPACITIES (U.S. Measure)

Fuel Tank All Models	15 gal.	Engine Crankcase (Includes 1 qt. for filter) 200, 250 CID	4½ qts.
Cooling System (Includes 1 qt. for heater)		302 CID V-8	5 qts.
200 CID	9 qts.	Transmission 3-Speed Manual	3½ pts.
250 CID	9¾ qts.	Select Shift—6 cyl. models 8 cyl. models	8 qts.* 9 qts.*
302 CID A/C or E/C	13½ qts. 14¼ qts.	Rear Axle All Engines	4 pts.

*Dry System: Dipstick used to determine exact fill requirements. E/C—Extra Cooling

MAVERICK

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches		
	200 1V	250 1V	302 2V
No. of Cylinders	6	6	8
Bore (Inches)	3.68	3.68	4.00
Stroke (Inches)	3.13	3.91	3.00
Valve Lifters*	H	H	H
Fuel R—Regular**	R	R	R
Carburetor	1V	1V	2V
Distributor Point Gap (Inches)	.027	.027	.017
Dwell Angle at Idle Speed	35°-39°	35°-39°	26°-30°
Spark Plug***	BRF-82	BRF-82	BRF-42
Spark Plug Gap (Inches)	.034	.034	.034
Firing Order	1-5-3-6-2-4	1-5-3-6-2-4	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance	.100	—	—
Choke Housing Setting	Man.—Index Auto.—1 Rich	Man. & Auto. Index	3 Rich
Initial Ignition Timing	See engine decal for this specification		
Idle Speed (RPM)	See engine decal for this specification		

- * H—Hydraulic
- ** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.
- *** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

MAVERICK

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches		
	200 1V	250 1V	302 2V
Choke Pulldown Setting—Manual	.230	.300	—
Automatic	.200	.190	—
Accelerator Pump Setting	.240 Nom.	.420 Nom.	No. 2A Inboard
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury		
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch		
Ignition Coil Voltage Output	Must fire across ⅜ inch gap		
Vacuum Advance/Retard Cut-In Speed (mph)	—	—	—
Valve Clearance (Solid Tappet Engine Only)—Intake	—	—	—
Exhaust	—	—	—
Intake Manifold Bolt Torque (Ft.-Lbs.)	—	—	23-25

MAVERICK

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid. The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise; 8 cyl. Counterclockwise.

1973 PINTO



MODELS

• 2-DOOR SEDAN • 3-DOOR RUNABOUT • STATION WAGON

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Left Rear Fender
- ② **OIL FILLER CAP**—Front of Valve Rocker Cover
- ③ **PCV VALVE**—1600 cc engine: Right Rear of Engine on top of Oil Separator
2000 cc engine: Left Center of Engine on top of Oil Separator
- ④ **FUSE PANEL**—Right Side of Brake Pedal Support
- ⑤ **HOOD LATCH**—Center of Grille Under Hood Lip. To Open: Lift Upward to Release Latch—Prop Hood Open With Support Rod

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	40-50W	6014
Front Park/Turn Signal	3-32 c.p.	1157-NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1156
License Plate	6 c.p.	631
Dome Lamp	12 c.p.	211
Front/Rear Side Marker	2 c.p.	194
Cargo Lamp	— c.p.	212
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Glove Compartment	1 c.p.	1445
Warning Lights/Brake/Alt./Oil	6 c.p.	194
Heater (or Option A/C)	1 c.p.	1445
Radio Dial	2 c.p.	1893
Seat Belt Reminder	2 c.p.	194
Clock	2 c.p.	1895
Accessory Equipment		
Engine Compartment Lamp	6 c.p.	631
Radio Dial	2 c.p.	1893
Seat Belt Reminder	*D2CB-10CB59-AA	
Sport Lamps	35W	4415
Heated Back Glass Indicator	*D22B-18C622-AB	
NA—Natural Amber Color Bulb *Ford Part No.		

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	8	C.B.
Tail Lights, Parking Lights, Side Markers, License Light and Horns, Stop Lights, Clock Illumination, Fog Lamp Relay Instrument and Cluster Lamps, PRND2L, Turn Signals, Radio, Heater, Air Conditioning	Integral with Light Switch	12	C.B.
Cargo Lamp, Fog Lamps, Courtesy, Dome, Ignition Key Warning	Fuse Panel	14	SFE
Emergency Flasher, Cigar Lighter & Clock Feed (Console Only)	Fuse Panel	20	SFE or AGC
Warning Lamps: Oil, Temp., Brake, Emission Control and/or Carburetor Solenoid	Fuse Panel	4	SFE
Back-up Lights, Windshield Washer and Radio, Rear Window Defogger	Fuse Panel	15	AGC or SFE
Heater & Defroster	Fuse Panel	14	SFE
Air Conditioning (RPO)	Fuse Panel	30	8AG or AGX
Windshield Wiper	Integral with Wiper Switch	6	C.B.
*C.B. Circuit Breaker			

PINTO

APPROXIMATE REFILL CAPACITIES
(U.S. Measure)

Fuel Tank All Models	11 gals.	Engine Crankcase 98 Cubic Inches (1600 cc)** 122 Cubic Inches (2000 cc)††	3½ qts. 5 qts.
Cooling System (Includes 1 qt. for heater) 98 Cubic Inches (1600 cc) 122 Cubic Inches (2000 cc)	6¼ qts. 8½ qts.	Transmission 4-Speed Manual	2½ pts.
		Select-Shift	8 qts.*
		Rear Axle	2¼ pts.

*Dry System . . . Dipstick used to determine exact fill requirements. **Includes ½ quart for oil filter. ††Includes 1 quart for oil filter.

PINTO

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Centimeters	
	1600 1V	2000 2V
No. of Cylinders	4	4
Bore (Inches)	3.18	3.57
Stroke (Inches)	3.06	3.03
Valve Lifters*	M	M
Fuel R-Regular**	R	R
Carburetor	1V	2V
Distributor Point Gap (Inches)	.025	.025
Dwell Angle at Idle Speed	37°-41°	37°-41°
Spark Plug***	AGR-22	BRF-42
Spark Plug Gap (Inches)	.030	.034
Firing Order	1-2-4-3	1-3-4-2
Anti-Stall Dashpot Clearance	—	—
Choke Housing Setting	Index	Man.-1 Lean Auto.-Index
Initial Ignition Timing	See engine decal for this specification.	
Idle Speed (RPM)	See engine decal for this specification.	

* M—Mechanical

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

PINTO

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Centimeters	
	1600 1V	2000 2V
Choke Pulldown Setting		
Man.	.075	.158
Auto.	—	.158
Accelerator Pump Setting	.085	No. 2 Hole
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury	
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch	
Ignition Coil Voltage Output	Must fire across 3/16 inch gap	
Vacuum Advance/Retard Cut-In Speed (mph)	—	—
Valve Clearance (Solid Tappet Engine Only)	Hot	Hot
Intake	.010	.008
Exhaust	.017	.010
Intake Manifold Bolt Torque (Ft. Lbs.)	12-15	12-15

PINTO

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid.

The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged.

Distributor Rotor Rotation: 1600 cc Counterclockwise.

2000 cc Clockwise.

1973 THUNDERBIRD



MODEL

- TWO-DOOR HARDTOP

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Behind License Plate
- ② **OIL FILLER CAP**—Front of Left Rocker Arm Cover
- ③ **PCV VALVE**—Located in Rocker Cover: Right Rear 429 4V CID and 460 CID
- ④ **FUSE PANEL**—Left of Steering Column on Dash Panel
- ⑤ **HOOD LATCH**—To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5-60W	4000
Headlights Hi-Beam	37.5W	4001
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1156
License Plate	4 c.p.	97
Front and Rear Side Marker	2 c.p.	194
Cornering Lamps	50 c.p.	1196
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Alternator Warning Lights (Brake) Oil	2 c.p.	194
Fuel and Speedometer/Instruments	2 c.p.	194
Glove Compartment	2 c.p.	194
Ash Tray, Arm Rest	.7 c.p.	1445
Heater (or Optional A/C) Controls	1 c.p.	161
Low Fuel/Lights On	2 c.p.	194
Courtesy Lamp Instrument Panel	6 c.p.	631
Ash Tray, Instrument Panel	1 c.p.	161
Rear Window Electric Defrost Indicator	2 c.p.	1891
Wiper/Washer	1 c.p.	161
Cigar Lighter	1 c.p.	161
Dome	12 c.p.	211
Dome/Map Comb.—Dome	12 c.p.	211
Map	12 c.p.	105
Door Courtesy	4 c.p.	214.2
Front Side Marker Light	2 c.p.	194
Rear Side Marker Light	2 c.p.	194
Light Switch Control Lights	1 c.p.	161
Accessory Equipment		
Radio Pilot AM/AM-FM/AM Stereo	1.9 c.p.	1893
Luggage Compartment	6 c.p.	631
Engine Compartment Lamp	6 c.p.	631
Instrument Panel	2 c.p.	194
Map Lamp	12 c.p.	105
Fan Light Switch	.75 c.p.	1892
Wiper Control Lights	1 c.p.	161
Opera Window Lights	12 c.p.	211

NA—Natural Amber Color Bulb

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	In Headlight Switch	20	C.B.
Parking Lights, License Plate Light, Tail Lights, Side Marker Lights	In Headlight Switch	20	C.B.
Instr. Pnl. & Cluster Lights, H/Lamp (SW), Radio, Ash Tray, Htr or A/C, Cigar Lighters, Clock, W/S Wipers, PRNDL	Fuse Panel	6	SFE
Heater-Air Conditioner	Fuse Panel	35	C.B.
Power Windows	Fuse Panel	20	C.B.
Courtesy Lamps, Glove Box, Luggage Compartment, Clock Feed, Console, Dome Lamp & Seatback Latch Control, Ignition Key Warning Buzzer	Fuse Panel	15	SFE
Power Seats—Power Latch, Horns	Fuse Panel	30	C.B.
Rear Window Defroster	Fuse Panel	30	SFE
Cigar Lighter (Rear Doors)	Fuse Panel	20	SFE
Stop Lamps, Hazard Warning System, Electric Deck Lid	Fuse Panel	20	C.B.
Cigar Lighter (Front), Power Door Lock System	Fuse Panel	20	SFE
Sure Track Brake System	Fuse Panel	3	SFE
Warning Lamps, Door Ajar, Seat Belt, Low Fuel, Oil Pressure, Temperature, Dual Brake Warning, Electronic Spark Control (California Only)	Fuse Panel	7.5	SFE
Backup and Cornering Lamps	Fuse Panel	15	SFE
Radio and Power Antenna	Fuse Panel	15	SFE
Turn Signal Flasher	Fuse Panel	15	SFE
Windshield Washer, Relay Coil Feed, Speed Control	Fuse Panel	7.5	SFE
Power Window Safety Relay Coil Feed	Fuse Panel	7.5	SFE
Power Seat & Window Motors	In Motor Assembly	—	C.B.
Windshield Wiper	In Wiper Switch	—	C.B.
Deck Lid Release	On Vertical Reinforcement of Instr. Panel	6	SFE

*C. B. Circuit Breaker.

THUNDERBIRD

APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank All Models	22½ gal.	Engine Crankcase (Includes 1 qt. for filter) 429 CID, 460 CID	5 qts.
Cooling System (Includes 1 qt. for heater) 429, 460 CID 429, 460 CID A/C	19½ qts.	Transmission Select-Shift	12.7 qts.*
	19½ qts.	Rear Axle	5 pts.
		Power Steering System	3½ pts.*

*Dry System: Dipstick used to determine exact fill requirements.

THUNDERBIRD

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches	
	429 4V	460 4V
No. of Cylinders	8	8
Bore (Inches)	4.36	4.36
Stroke (Inches)	3.59	3.85
Valve Lifters*	H	H
Fuel R-Regular**	R	R
Carburetor	4V	4V
Distributor Point Gap (Inches)	.017	.017
Dwell Angle at Idle Speed	26°-30°	26°-30°
Spark Plug***	ARF-42	ARF-42
Spark Plug Gap (Inches)	.034	.034
Firing Order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance	—	—
Choke Housing Setting	Index	Index
Initial Ignition Timing	See engine decal for this specification.	
Idle Speed (RPM)	See engine decal for this specification.	

* H—Hydraulic.

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

THUNDERBIRD

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches	
	429 4V	460 4V
Choke Pulldown Setting		
Man.	.200	.210
Auto.	.200	.210
Accelerator Pump Setting	No. 1 Inboard	No. 1 Inboard
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury	
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch	
Ignition Coil Voltage Output	Must fire across 3/16 inch gap	
Vacuum Advance/Retard Cut-In Speed (mph)	—	—
Valve Clearance (Solid Tappet Engine Only)		
Intake	—	—
Exhaust	—	—
Intake Manifold Bolt Torque (Ft. Lbs.)	25-30	

THUNDERBIRD

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid.

The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged.

Distributor Rotor Rotation: 8 cyl. Counterclockwise.

BRONCO



1973 Models & Specifications

MODELS

- BRONCO PICKUP • BRONCO WAGON

SERVICE LOCATIONS

GAS FILLER CAP LOCATION—Left Rear Quarter Panel

HOOD LATCH LOCATION—Center of Grille

To Open: Pull Out Hood Release Lever. Press Up on Safety Catch (Top Center of Grille) and Open Hood. Hold Open with Support Rod.

OIL FILLER CAP—6-Cylinder: Rear of Rocker Arm Cover
—8-Cylinder: Front of Left Rocker Arm Cover

PCV VALVE—6-Cylinder: Front of Rocker Arm Cover
—8-Cylinder: Front of Left Rocker Arm Cover

FUSE PANEL—In Glove Box to Left of Door

APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank	
All	12¼ gals.
Fuel Tank (Auxiliary)	
All	7½ gals.
Cooling System (Includes 1 qt. for heater)	
200 CID Six	9 qts.
302 CID V-8	16 qts.
Crankcase (Includes 1 qt. for filter)	
200 CID Six	7 qts.
302 CID V-8	6 qts.
Transmission:	
3-Speed Manual	4 pts.
SelectShift Cruise-O-Matic	±11 qts.
Front Axle	*3½ pts.
Rear Axle 2780 lbs./3300 lbs.	**6 pts.
Transfer Case	2¾ pts.
Oil Bath Air Cleaner	1 pt.

*With locking differential, add EST-M2C118-A—friction modifier—See local Ford dealer

**With locking differential, Use ESW-M2C119-A

†Dipstick used to determine exact fill requirements

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Lamp Number
Headlights	40-50 Watts	6012
Front Park and Turn Signal	3-32 c.p.	1157
Rear Tail, Stop and Turn Signal	3-32 c.p.	1157
License Plate	4 c.p.	97
Back-Up Lamp	32 c.p.	1156
Map (R.P.O.)	6 c.p.	631
All Instrument Panel Lights	2 c.p.	1895
Radio Pilot	2 c.p.	1891
Warning Brakes	2 c.p.	1895
Engine Compartment	6 c.p.	631
Portable Trunk Lamp	15 c.p.	1003
Front and Rear Side Marker	2 c.p.	194
Hi-Beam Indicator	2 c.p.	1895
Instrument Panel Courtesy	6 c.p.	631
Turn Signal Indicator	2 c.p.	1895

CIRCUIT PROTECTION

Note: Fuse panel located in glove box to left of door.

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	12	C.B.
Stop Lights, Tail Lights, Parking Lights, License Light and Horns	Integral with Light Switch	15	C.B.
Heater and Defroster	Fuse Panel	20	SFE
Instrument Panel Lamps	Fuse Panel	2	AGA
Emergency Warning Flasher	Fuse Panel	20	AGX
Turn Signal and Backup Lights, Radio and Windshield Washers	Fuse Panel	14	SFE
Cigar Lighter and Courtesy Lamp	Fuse Panel	15	AGW
Windshield Wiper	Integral with Wiper Switch		C.B.

*C.B. Circuit Breaker

ENGINE SPECIFICATIONS

	200 CID 1V	302 CID V-8 2V
Type	In Line 6-Cyl.	8-Cyl. 90°V OHV
Displacement	200 Cu. In.	302 Cu. In.
Bore and Stroke (Inches)	3.68 x 3.13	4.00 x 3.00
Valve Lifters	Hydraulic	Hydraulic
Fuel*	Regular	Regular
Carburetor	Auto. Choke 1V	Auto. Choke 2V
Firing Order	1-5-3-6-2-4	1-5-4-2-6-3-7-8
Spark Plug Type (Autolite No.) and Size	BRF-82 (18 mm)	BRF-42 (18 mm)
Spark Plug Gap	.034"	.034"
Distributor		
Point Gap	0.027"	0.021"
Point Dwell Angle	35°-39°	26°-30°
Idle rpm	See Engine Decal for Specs	See Engine Decal for Specs
Ignition Timing (BTDC)	See Engine Decal for Specs	See Engine Decal for Specs

*All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications

SERVICE TIPS

Adjust all idle speeds with headlights "ON" and manual transmission in NEUTRAL." Adjust high idle speed with throttle solenoid operating. Adjust low idle speed with wire disconnected from throttle solenoid, using the curb idle adjusting screw.

The distributor diaphragm hose or hoses must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise. 8 cyl. Counterclockwise.

SHOCK ABSORBERS (Motorcraft Sales No.)

	Auto-Flex	Auto-Flex XD	Super-Flex
FRONT	AB-117	AX-122	—
REAR	AB-103	AX-125	AA-133

BEFORE all the leaves turn to gold, be ready to sell

FALL COOLING SYSTEM Tune-Ups

... Order at our Parts Counter today!

AN IMPORTANT AND PROFITABLE MARKET IS "IN SEASON" ■ Autumn '72 is only weeks away. It's time again to think about customers' Fall weatherizing services, including all cooling system components. Hot, Summery weather and general wear and tear take their gradual toll of hoses, belts, caps and stats. Enjoy the extra profits available to those who check and replace worn or deteriorating cooling system components when providing other pre-Winter tune-up services.

A GOLDEN OPPORTUNITY . . . FOR BONUS SALES . . . PACEMAKER POINTS ■ As Fall weather approaches, make your customers aware of tuning-up their vehicles' cooling systems. Be ready for the "golden days" ahead by ordering your supply of MOTORCRAFT V-Belts, Radiator Hose, Thermostats and Radiator Pressure Caps. It's also your opportunity for extra bonus Pacemaker Prize Points with all V-Belt and Hose purchases. Save Pacemaker sleeve tear tabs with imprinted part number on Motorcraft V-Belts . . . hose label part number imprinted tear tabs on both Flexible and Molded Radiator Hose. Ten of either type of tear tab equals one Pacemaker Prize Point redeemable for merchandise or travel awards!

ORDER THE COMPLETE MOTORCRAFT LINE ■ In addition to the popular, fast-moving items shown here, Motorcraft's line also includes Special Purpose Hose, Water Outlet Gaskets, Oil Breather Caps, Gas Caps and other pre-Winter maintenance parts. All Motorcraft products meet or exceed original equipment specifications to help assure complete customer satisfaction.



Motorcraft V-Belts

- Highly resistant to grease, hot oil, dirt and heat
- Stretch resistant to give full power delivery
- Premium-quality Neoprene body with high-strength Polyester cords



Motorcraft Molded Radiator Hose

- Pre-formed to exacting specifications for each application to insure easier installation
- Extra strong to resist buckling and reduce strain at connections



Motorcraft Radiator Caps

- Safety lever Vent Cap releases pressure safely
- Synthetic rubber heavy-duty sealing gasket withstands high temperatures; coolant chemicals
- Zinc plated cold-rolled steel to prevent rust
- Pressure rating embossed on cap



Motorcraft Thermostats (Nozzle Type)

- Provide quick warm-ups, precisely controlled coolant temperatures
- High-flow nozzle for full flow of coolant to engine
- Also available—Air Bellows Thermostats and Heavy-Duty Thermostats

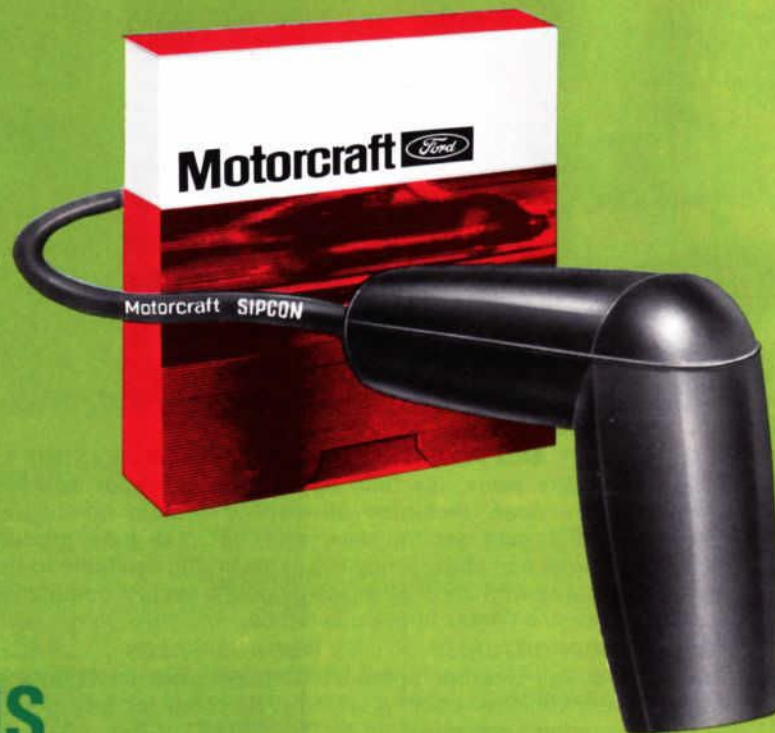


Motorcraft Flexible Radiator Hose

- Reinforced with steel wire coil
- Becomes permanently shaped after just hours . . . relieving stress on fittings
- Provides broad coverage with fewer part numbers

SIPCON

TAILORED
IGNITION
SETS
FOR ALL
POPULAR
APPLICATIONS

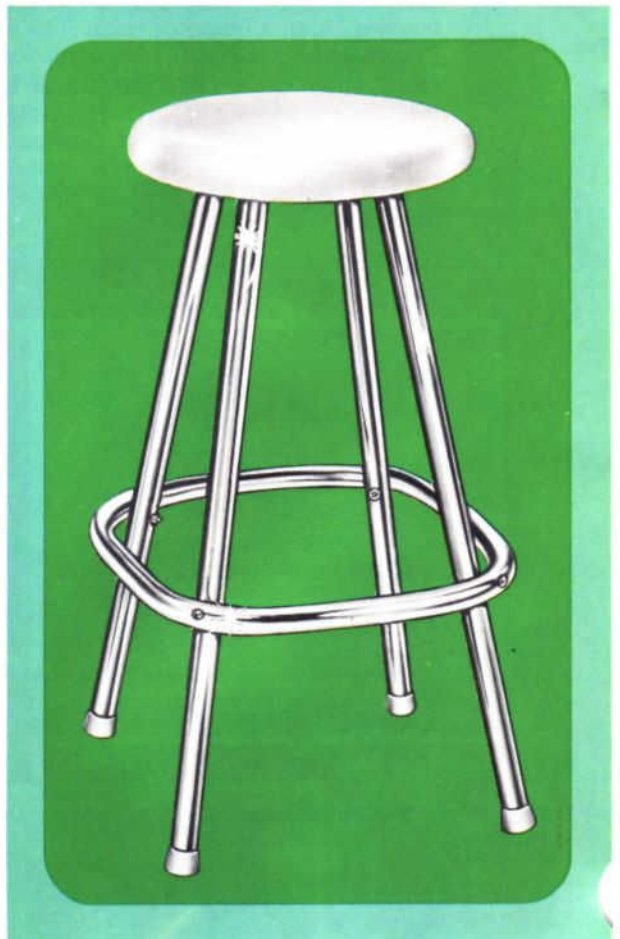


**Buy 12, Get 1
Counter/Bar
Stool FREE!**

Quality and sturdy design make this sparkling, streamlined stool ideal for use in kitchen, den, or bar. Padded vinyl covered seat wipes clean in a jiffy.

- XXX chrome plated 1" H.D. seamless steel tubular frame.
- Sturdy reinforced foot rest.
- Full 13" diameter seat.
- Vinyl-covered upholstery.
- Non-marking floor glides.
- 30" seat height, ideal for counter or bar.
- Quick and easy assembly. Individually boxed—10 lbs.

PARTS COUNTER BENCH REPAIR ORDER DESK SNACK BAR



ORDER NOW! **SELL SIPCON—THE PROVEN IGNITION SET LINE**
CONTACT OUR PARTS COUNTER TODAY!

Motorcraft announces—Expanded Carburetor Tune-Up Kit Line and the all new 1972 Carburetor Tune-Up Kit Catalog

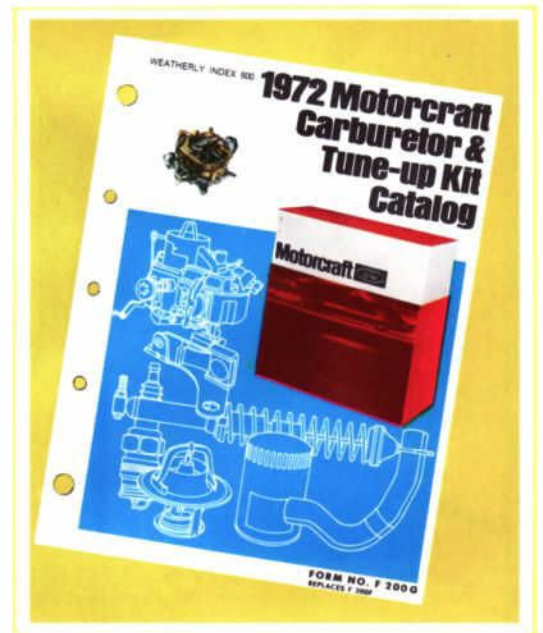


Available now...

All the newest Tune-Up Kits and the latest Application Information for:

- All Domestic Passenger Cars
- Trucks
- Import Cars
- Farm and Industrial Applications
- Lawn and Garden Equipment
- Garden Tractors
- Go Karts
- Air Cooled Engines
- Inboard and Outboard Engines
- Snowmobiles

Motorcraft's up-to-date and complete carburetor tune-up kit line gives you the broadest vehicle coverage with the fewest part number in the industry today. Increase your profit potential . . . while trimming your investment and inventory requirements.



EASY TO STOCK—Stack them flat or on their sides, the Motorcraft Carburetor Tune-Up Kit part number is easy to read.



LOOSE PART PROTECTION—All loose parts are packaged in a sealed window tray, protected against damage and loss.



SIMPLE INSTRUCTIONS—easy-to-read and follow installation sheets are included with each kit.

Ask at our parts counter NOW!!!

FROM THE INSIDE OUT

It's what's inside that counts! The castings (cores) from most parts can be made to look great again simply by cleansing and painting. But it's the "guts" of these parts that makes the difference between the quality of a remanufactured part and one of the ordinary replacement kind.

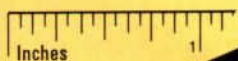
Ford Authorized Remanufactured Engines and Parts are remanufactured from the *inside out*... for complete dependability.

**RECOMMEND AND INSTALL
DEPENDABLE FORD
AUTHORIZED
REMANUFACTURED
PRODUCTS**

SOME DAY

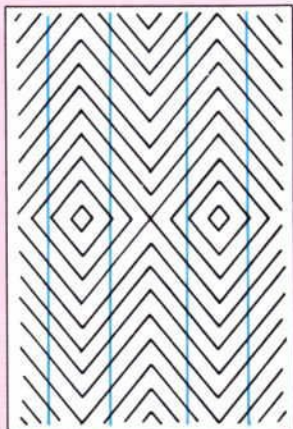
Some day we'll have the Metric System. Until that day arrives, and many predict it will occur within the next ten to fifteen years, here's a question that will interest many of you readers:

Since the METER is one of the measures used in the metric system... how was the meter (a little more than a yard, 39.37 inches to be exact), originally determined? Answer at bottom of page.



WOULD YOU BELIEVE IT?

Contrary to what your eyes tell you, the blue lines are perfectly straight and also parallel. If you're in doubt, check with a straightedge.



Motor Milestones



FIRST TRAFFIC SIGNAL to employ three lights... Red... Amber... Green, as well as automatically controlled traffic in four directions, was installed at a downtown Detroit intersection in 1919.

William Potts, a Detroit policeman, is credited with developing the basic design which remains practically unchanged today. The signal stayed in use until 1924 and was one of two lights used in the world's first synchronized signal system.

BETTER BUSINESS BUILDERS

Ford Authorized Remanufactured Engines and Parts

These quality products for automotive and truck applications can help increase your service business as well as your professional reputation.

ELECTRICAL PARTS • Alternators • Armatures • Generators • Distributors • Voltage Regulators • Starters

ENGINES • Complete Assemblies • Short Block Assemblies

ENGINE COMPONENTS • Cylinder Heads • Water Pumps • Carburetors • Rocker Arm Kits • Crankshaft Kits • Fuel Pumps • Power Steering Pumps

POWER TRAIN COMPONENTS • Clutch Discs • Pressure Plates • Brake Shoes • Torque Converters • Transmissions • Power Brake Boosters

*All of these parts and complete assemblies are protected by a nationally honored warranty.

70,000 GALLONS OF OIL

In the course of a year's driving, the oil pump in a V-8 engine will have moved nearly 70,000 gallons of motor oil throughout the filter, main oil galley, up to the valve train, timing gears and bearings. That's enough oil to heat an average size home for about 58 years. When replacing the oil pump, why gamble? Play it smart. Choose a reliable, quality remanufactured oil pump—a Ford Authorized Remanufactured oil pump.

notes for the service world

Remanufactured



Engines • Parts

PASS IT ON

All Ford Authorized Remanufactured Engines and Parts are backed by a nationally recognized warranty honored from coast to coast by all Ford and Lincoln-Mercury dealers. That's correct! Installing Ford Authorized Remanufactured Engines and Parts is often less costly to the owner than the cost of major repairs or overhauls. Your customers will appreciate your concern for their pocket-books. Besides... they will be assured of trouble-free driving. You will too. Now you know... *pass it on.*

* **NATIONAL WARRANTY**
Every Remanufactured Ford Part is warranted nationally by the Remanufacturer to be free of defects in materials and workmanship for 90 days or 4000 miles from date of installation, whichever occurs first. Complete OHV engine assemblies are warranted for 12 months or 12,000 miles on passenger vehicles, and 6 months or 12,000 miles on trucks, whichever occurs first. This Warranty includes parts replacement plus related labor.

Ford and Lincoln-Mercury dealers will honor this warranty anywhere in the country.

FIX TIP

Watch out for "hot heads." Service engineers point out that a cylinder head should never be removed from the block until the engine has completely cooled down. If you don't follow this simple rule, you're almost certain to warp the cylinder head when you start pulling the head bolts. Although this is a simple precaution, it is one that is often overlooked or easily forgotten. If the engine has aluminum cylinder heads, distortion can be even more pronounced and possibly lead to the need for new heads.

Metric System Answer
The meter was determined as
one-tenth-millionth (10,000,000)
of the
distance from the earth's pole to the equator.

1973 Models & Specifications



MODELS

- CLUB WAGON BUS
- ECONOLINE VAN SERIES E100, E200, E300
- CUSTOM CLUB WAGON
- CHATEAU CLUB WAGON

SERVICE LOCATIONS

GAS FILLER CAP LOCATION—Left Rear Quarter Panel

HOOD LATCH LOCATION—Center of Grille

To Open: Pull Out Hood Release Lever. (Top Center of Grille) and Open Hood. Hold Open with Support Rod.

OIL FILLER CAP—6-Cylinder: Front of Rocker Arm Cover
—8-Cylinder: Front of Left Rocker Arm Cover

PCV VALVE—6-Cylinder: Rear of Rocker Arm Cover
—8-Cylinder: Rear of Right Rocker Arm Cover

FUSE PANEL—On Engine Side Panel at L. H. Side Under Instrument Panel directly above accelerator pedal

APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank: All except E-300 Vans	20½ gals.
E-300 Vans	23 gals.
Cooling System (Includes 1 qt. for Heater)	
240 Six—Std. and Extra Cooling	14½ qts.
With A/C	16½ qts.
300 Six—Std. w/manual or automatic transmission	14½ qts.
—Extra Cooling w/manual or automatic transmission	16½ qts.
302 V-8—Std. and Extra Cooling with manual transmission	15½ qts.
With A/C or Extra Cooling with automatic transmission	17½ qts.
Engine crankcase (Includes 1 qt. for filter)	
240 CID	5 qts.
300 CID	4 qts.
302 CID	6 qts.
Transmission	
3-Speed Manual	2 qts.
Select-Shift Cruise-O-Matic	*10¼ qts.
Rear Axle	
Standard, Heavy Duty and Limited Slip	3 qts.

*Dipstick used to determine exact fill requirements.

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Lamp Number
Ash Tray Lamp	1.4 c.p.	1815
Cigar Lighter	.75 c.p.	1445
Alternator Indicator	2 c.p.	194
Dual Brake Warning	2 c.p.	194
Back-Up Lamp	32 c.p.	1156
Engine Compartment	6 c.p.	631
Side Marker	2 c.p.	194
Headlight	40-50 watts	6012
High Beam Indicator	2 c.p.	194
Interior, Cargo	12 c.p.	105
Dome	12 c.p.	561
Turn Signal Indicator	2 c.p.	194
Oil Pressure Indicator	2 c.p.	194
Parking and Front Turn Indicator	3-32 c.p.	1157NA
Radio Dial	1.9 c.p.	1891
Rear License Plate	4 c.p.	97
Speedometer and Odometer	2 c.p.	194
Spotlight	30 watts	4405
Stop, Tail, and Rear Turn Indicator	3-32 c.p.	1157
Seat Belt Reminder	2 c.p.	194
Clock	2 c.p.	194
School Bus Warning Lamps	75 watts	4633R
School Bus Warning Lamp Indicator	1 c.p.	53X
Temperature Indicator	2 c.p.	194
Windshield Wiper, Washer Switch Illumination	.5 c.p.	—

NA—Natural Amber Color Bulb

FUSES AND CIRCUIT BREAKERS

	LOCATION	CIRCUIT PROTECTION	FUSE NO.
Headlamps	Integral with light switch	12 amp. C.B.	—
Tail, Marker, License and Parking	Integral with light switch	15 amp. C.B.	—
Lamps, Horns, Turn Signal, Back-Up Lamps and Windshield Washer Circuits	Fuse Panel	14 amp. Fuse	SFE 14

FUSES AND CIRCUIT BREAKERS (Continued)

	LOCATION	CIRCUIT PROTECTION	FUSE NO.
Emergency Warning and Stop-Lamp Circuits	Fuse Panel	20 amp. Fuse	AGX 20
Brake System Warning and Emission (TRS) System	Cartridge in Feed Line	7.5 amp. Fuse	AGA or 1 AG
Cigar Lighter, Dome Lamp and Cargo Lamp	Fuse Panel	15 amp. Fuse	AGW 15
Heater and Defroster, Courtesy Lamps	Fuse Panel	20 amp. Fuse	AGC or SFE 20
Instrument Panel Lamps, Cluster Lamps, Cigar Lighter, Heater Control, Windshield Wiper SW, A/C and Aux. Fan Control Illum.	Fuse Panel	3 amp. Fuse	1 AG or AGA 3
Spotlight	Cartridge in feed line	7.5 amp. Fuse	SFE-7.5
Radio	Cartridge in feed line	5.0 amp. Fuse	AGA 5
Windshield Wiper System	Integral with wiper switch	C.B.	—
Fog Lamps	Cartridge in feed line	10 amp. Fuse	AGC 10
Auxiliary Heater	Cartridge in feed line	14 amp. Fuse	SFE 14
Ammeter (8 Cyl.)	Cartridge in feed line	4 amp. Fuse	SFE 4
Air Conditioner	Cartridge in feed line	30 amp. Fuse	AGX 30 or 8 AG
Air Conditioner, Double Evaporator	Attached to reinforcement cowl top inner panel	40 amp. C.B.	—
School Bus Warning Lamps	On starter motor relay	20 amp. C.B.	—
C.B.—Circuit Breaker			

ENGINE SPECIFICATIONS

	240 CID 1V	300 CID 1V	302 CID V-8 2V
Type	In-Line 6-Cyl.	In-Line 6-Cyl.	8-Cyl. 90°V OHV
Displacement	240 Cu. In.	300 Cu. In.	302 Cu. In.
Bore and Stroke (Inches)	4.00 x 3.10	4.00 x 3.98	4.00 x 3.00
Valve Lifters	Hydraulic	Hydraulic	Hydraulic
Fuel*	Regular	Regular	Regular
Carburetor	Auto. Choke 1V	Auto. Choke 1V	Auto. Choke 2V
Firing Order	1-5-3-6-2-4	1-5-3-6-2-4	1-5-4-2-6-3-7-8
Spark Plug Type (Autolite No.) and Size	BRF-42 (18mm)	BRF-42 (18mm)	BRF-42 (18mm)
Spark Plug Gap	.032"-.036"	.032"-.036"	.032"-.036"
Distributor			
Point Gap	0.027"	0.027"	0.017"
Point Dwell Angle	33°-39°	33°-39°	26°-30°
Idle rpm	See Engine	See Engine	See Engine
Ignition Timing (BTDC)	Decal for Specs.	Decal for Specs.	Decal for Specs.
	See Engine	See Engine	See Engine
	Decal for Specs.	Decal for Specs.	Decal for Specs.

*All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

SERVICE TIPS

Adjust all idle speeds with headlights "ON," automatic transmission in "DRIVE" or manual transmission in "NEUTRAL," and if air conditioner equipped, with A/C in "OFF" position. Adjust high idle speed with throttle solenoid operating. Adjust low idle speed with wire disconnected from throttle solenoid, using the curb idle screw.

The distributor diaphragm hose or hoses must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise; 8 cyl. Counterclockwise.

SHOCK ABSORBERS (Motorcraft Sales No.)

	Auto-Flex	Auto-Flex XD
FRONT	AB-137	AX-145
REAR (E-100, E-200)	AB-138	AX-147
REAR (E-300)	AB-103	AX-146

FORD TRUCKS

100 THRU 350, M AND P SERIES

1973 Models & Specifications



Ford F-100



Ford F-350

GASOLINE ENGINES ENGINE SPECIFICATIONS

GENERAL			IGNITION				
Engine CID	Curb Idle RPM	Fast Idle RPM	Spark Plug		Distributor		Initial Ignition Timing (BTDC)
			Gap	No.	Point Gap	Dwell Angle	
240 M/Trans.	①	①	0.032 0.036	BRF-42	↑ 0.027 ↓	↑ 33°-39° ↓	①
300	①	①	0.032 0.036	BRF-41②			①
300	①	①	0.032 0.036	BRF-42	↑ 0.017 ↓	↑ 24°-30° ↓	①
302	①	①	0.032 0.036	BRF-42			①
330	①	①	0.028 0.032	BRF-31	↑ 0.017 ↓	↑ 24°-30° ↓	①
360	①	①	0.032 0.036	BRF-42			①
390	①	①	0.032 0.036	BRF-42	↑ ↓	↑ ↓	↑ ↓

FUEL

Engine CID	Automatic Choke Setting		Choke Pulldown		Anti-Stall Dashpot Clearance		Accelerator Pump Setting	
	Man. Trans.	Auto. Trans.	Man. Trans.	Auto. Trans.	Man. Trans.	Auto. Trans.	Man. Trans.	Auto. Trans.
240 M/Trans.	1 Lean	—	0.230	—	0.100	—	—	—
300	—	—	Manual Choke	—	7/64	—	—	—
300	—	1 Rich	—	Manual Choke	—	7/64	—	—
302	2 Rich	2 Rich	③	③	Solenoid	0.065	No. 3A Inboard	No. 2A Inboard
330	—	—	0.165	Manual Choke	—	—	No. 4A Inboard	No. 2
360	—	2 Rich	③	③	Solenoid	0.065	No. 2A Inboard	No. 4A Inboard
390	2 Rich	2 Rich	③	③	—	Solenoid	—	No. 4A Inboard

① Set to specification shown on engine decal.

② BRF-31 spark plugs used on 6000-10000 GVW applications.

③ Refer to 1973 Shop Manual for setting choke pulldown.

APPROXIMATE COOLING REFILL CAPACITIES

Engine	Truck—Model and Equipment	Approx. Capacity (a) U.S. Quarts	
240	F-100 4x2 MAN. T STD. MAN. T EC; AUTO. T STD. AUTO. T EC	14.1 14.4 16.3	
	F-100 4x4 MAN. T STD. MAN. T EC	14.4 16.7	
	F-250 4x2 MAN. or AUTO. T STD. MAN. or AUTO. T EC	14.4 16.3	
300	F-250 4x4 MAN. T STD. MAN. T EC	14.4 16.7	
	F-350SR MAN. or AUTO. T STD. or EC MAN. T STD. AUTO. T EC	16.7 14.4 13.3	
	F-350DR MAN. or AUTO. T STD. MAN. or AUTO. T EC	16.7 18.3	
	P-350SR P-350DR P-400 P-500	MAN. or AUTO. T with STD. or EC	18.1
	302	F-100 4x4 MAN. or AUTO. T STD. MAN. T EC AUTO. T EC MAN. or AUTO. T STD. with A/C AUTO. T EC or STD. or A/C	14.8 17.1 17.5
		F-100-250 4x2 MAN. or AUTO. T STD. MAN. T EC	19.6 21.9
360	MAN. or AUTO. T STD. A/C AUTO. T EC AUTO. T STD. with A/C AUTO. T EC MAN. or AUTO. T S.C.	22.3	
	F-350 S.R. MAN. or AUTO. T STD. MAN. T EC MAN. or AUTO. T STD. with A/C AUTO. T EC AUTO. T EC AUTO. T STD. A/C	22.3 23.9	
	F-100-250 4x4 MAN. or AUTO. T EC or STD. MAN. or AUTO. T STD. with A/C AUTO. or MAN. T S.C.	22.3 23.9	
	360 390	F-350 D.R. MAN. or AUTO. T STD. MAN. or AUTO. T EC MAN. or AUTO. T STD. with A/C AUTO. T EC AUTO. T STD. with A/C	22.3 23.9
		F-100-250 4x2 MAN. or AUTO. T STD. MAN. T EC AUTO. T EC MAN. or AUTO. T STD. with A/C AUTO. T EC MAN. or AUTO. T S.C.	19.6 22.3
	390	F-350 S.R. MAN. or AUTO. T STD. MAN. T EC MAN. or AUTO. T STD. with A/C AUTO. T EC	22.3 23.9

(a) Includes 1 quart for heater
 SR—Single Rear Wheels
 DR—Dual Rear Wheels
 S.C.—Super Camper Special
 A/C—Air Conditioning
 EC—Extra Cooling Radiator
 STD—Standard Cooling
 MAN./AUTO. T—Manual or Automatic
 ①—STD. Cool w/F-350 Super Camper Special
 ②—Optional Heavy Duty in Tank Oil Cooler
 ③—390 CID Engine w/Man. Trans. Available only w/F-250 4x2

ENGINE CRANKCASE REFILL CAPACITIES

Engine	Approx. Capacity (Quarts) U.S. Measure
240 Six	4*
240 Six, F-Series (4 x 4 F-350, M and P-Series)	5*
300, 302, 360 and 390 C.I.D.	5*

*Add 1 quart extra when changing oil filter.

FUEL TANK REFILL CAPACITIES

Tank Type	Truck Model	Approx. Cap. U.S. Gallons
Standard	F-100 (4x2—4x4)	19.2
	F-250 (4x2)	20.5
	F-250 (4x2) ①	19.4
	F-250 (4x4)	19.5
	F-250 (4x4) ②	18.0
	F-350 (Stake, Chassis-Cab, Platform)	19.5
	F-350 (Stake, Chassis-Cab, Platform) ①	18.0
	F-350 (Cowl)	24.0
	F-350 (Cowl) ①	20.2
	F-350 (Super Camper Special)	20.6
	F-350 (Super Camper Special) ①	19.3
	P-350 (104" Wheelbase)	17.0
	P-350 (122" Wheelbase)	30.0
	P-350 (122" Wheelbase) ①	23.5
	P-400/500 (137" & 154" ② Wheelbase)	30.0
P-400/500 (137" & 154" ② Wheelbase) ①	23.5	
Optional (Frame Mounted)	F-100 (4x2)	20.2
	F-250 (4x2) & F-350 (Stake, Chassis-Cab, Platform)	24.0
	F-250 (4x2) & F-350 (Stake, Chassis-Cab, Platform) ①	20.2

① Standard in California Only (Optional in 49 States) ② 154" Wheelbase P-500 Only

FORD TRUCKS

100 THRU 350, M AND P SERIES

REAR AXLE

Rear Axle Model	Truck Model	Pints
Ford 3300	F-100	6½
Dana 44-7F (front axle)	4-Wheel Drive (F-100, 4 x 4)	4¼
Dana 44F HD (front axle)	4-Wheel Drive (F-250)	3¼*
Dana 44 6CF & 6CF HD	F-250, 4 x 4	4*
Dana 60	F-250, P-350, M-350, M-400	6
Dana 70	F-350, P-350, M-350, M-400, P-400	6½
Rockwell C-100-N	P-500, M-500	13
Rockwell D-100-N	P-500, M-500	13

*Add 1 pint for each steering knuckle.

TRANSMISSION

Transmission Type and Make	Pints
3-Speed (Ford)	3½
3-Speed Heavy Duty (Warner T-87-G)	5½
4-Speed (Warner T-18-B)	7
4-Speed (New Process 435)*	7
HD Cruise-O-Matic MX	22
C-4 Automatic	20½
C-6 Automatic	25½
F-100-250 4x4	26½
4-Wheel Drive Transfer Case Single Speed F-100	1¼
4-Wheel Drive Transfer Case 2-Speed F-250	4½

*Without extension, 6½ Pints.

CIRCUIT PROTECTION

Circuit	F-100-350	P-Series
Tail, Park, License, Marker and Stop Lights		12 amp. C.B. (2)
Tail, Park and License Marker Lights	15 amp. C.B. (2)	15 amp. C.B. (2)
Dome, Courtesy, Map, Cargo Lights and Cigar Lighter	Models 8, 85 AGW-15 Fuse (1) Models 84	SFE or AGW 7.5 Fuse
Turn Signal, Backup Lights and W/S Washer (F-Series Only)	SFE-14 Fuse (1)	AGC-10 Fuse (3)
W/S Washer Pump		AGC-10 Fuse (3)
Instrument Panel Lights	3 amp. AGA-2 Fuse (1)	AGA-1 (3)
Hazard Warning and Stop Lamps	AGX-20 Fuse (1)	15 amp 7 AG
Headlights	12 amp. C.B. (2)	12 amp. C.B. (2)
Heater and A/C	AGC or SFE-30 Fuse (1)	SFE-14 Fuse (3)
W/S Wiper	C.B. (4)	C.B. (4) (5)
Roof Marker Lamps (Except as noted on page 69)	15 amp. C.B. (2)	
Emission System Feed Wire	7.5 amp. Fuse	
Hood Lamp Feed Wire	7.5 amp. Fuse	
Dual Battery Feed Wire	20 amp. Fuse	

(1) Fuse Panel (3) Cartridge in Feed Wire (5) M-Series—C.B.
 (2) Integral with Headlamp Switch (4) Integral with Switch C.B.—Circuit Breaker
 NOTE: DO NOT exceed 8.5 amp. load across ignition switch for rear light circuit on trucks or buses with hydraulic stop light switch.

LIGHTS (12 VOLTS)

Lamp Description	No. of Bulbs Req'd.	Candela or Wattage	Trade No.
A.M.-F.M. Stereo Indicator	1	.75	1892
Ash Tray Lamp	1	1.4	1815
Automatic Transmission Gear Selector Dial	1	1	161
Back-Up Light	2	32	1156
Cargo Lamp (Optional)	1	32	1156
*Cluster Lamps	5	2	1895
Dome Light	1	12	561
Engine Compt. Light (Std. on Ranger)	1	6	631
Front Parking Light and Turn Signal	2	3-32	1157NA
*†Front Parking Light and Turn Signal	2	32	1157
Front Side Marker	2	2	194
Glove Compartment Lamp	1	2	1891
Headlamp and Wiper/Washer Switch	1	1	161
Headlights	2	40-50	6012
Hi-Beam Indicator	1	2	194
*Hi-Beam Indicator	1		1895
Indicator Light—Brakes—Oil—Alt.	3	2	194
Instrument Illumination	2	2	194
License Lamp	1	4	97
License Lamp-RPO Rear Bumper (Styleside) †Mandatory on Platform	2	4	1178
Radio Dial Illumination	1	2	1893
Rear Side Marker	2	2	194
Rear Tail/Stop and Turn	2	3-32	1157
Roof Marker Lamps RPO on Pickup Box	5	4	97
*Turn Signal Indicator	2	2	1895
Turn Signal Indicator	2	2	194

*P-350, P-400, P-500. †For California Usage Only. NA—Natural Amber.

FORD TRUCKS

F AND B 500 THRU
F-L-LN-LNT-C 900 SERIES

1973 Models &

ENGINE SPECIFICATIONS—GAS

ENGINE CID		Spark Plug		Distributor		Initial Ignition Timing (BTDC)
		Gap	No.	Point Gap	Dwell Angle	
330	①	0.028 0.032	BRF-31	0.017	24°-30°	①
361	①	0.028 0.032	BRF-31			
391 A/M	①	0.028 0.032	BRF-31			
401 A/M	①					
477 A/M	①					
534 A/M	①					

ENGINE CID		FUEL			
		Choke Pulldown		Accelerator Pump Setting	
	CURB IDLE SPEED	Manual Trans.	Automatic Trans.	Manual Trans.	Automatic Trans.
330	①	0.165	Manual Choke	No. 4A Inboard	No. 2
361	①	Manual Choke	Manual Choke	No. 2	No. 2
391 A/M	①	Manual Choke		No. 2	No. 2
401 A/M	①			No. 1	No. 1
477 A/M	①			No. 1	No. 1
534 A/M	①			No. 1	No. 1
				No. 1	No. 1

A/M—Automatic and Manual Transmission.

① Set to specification shown on engine decal.

500-700 SERIES FUEL TANK CAPACITIES (GAS)

Tank Type	Truck Model	Approximate Capacity (Gallons) U.S.
Standard	C-, LN-Series	18
	F-Series	19½
	B-Series	30
Optional Rectangular	C-, F-Series	18
		30
	LN-Series	25
		50
Optional Cylindrical	C-, F-750	50
		60
Optional Saddle	C-, F-700-750	125

800-900 SERIES FUEL TANK CAPACITIES (GAS)

Tank Type	Truck Model	Approximate Capacity (Gallons) U.S.
Standard	C-Series	18
	L-Series	25
Optional Rectangular	C-Series	30
Optional Cylindrical	C-CT-Series	50
		60
Optional Saddle	C-CT	125
Optional Rectangular Step	L-LT-LN-LNT	50
		75

Specifications

FORD TRUCKS

F AND B 500 THRU
F-L-LN-LNT-C 900 SERIES

ENGINE COOLING SYSTEM AND CRANKCASE REFILL CAPACITIES (U.S. Measure)

Engine	Truck Model	Cooling System		Crankcase	
		Approx. Cap. (Qts.)		Approx. Cap. (Qts.)	
		U.S.	U.S.	U.S.	U.S.
300 Six	F-500, B-500, LN-500	18		5	①
300 HD Six	F-600, B-600, LN-600	18		6	①
	C-600	22			
330 V-8	F-500, B-500	24	②	8	①
	C-600	28	②		
330 HD V-8	F-600, B-600, B-700, LN-600	24	②	8	①
	C-600	28 ② 30 ②			
361 V-8	F-600, B-600, F-700, B-700, F-750, B-750, LN-600, 700, 750, L-800	24 ② 28		8	①
	C-600, C-700, C-750, C-CT-800	28 ② 30 ②			
391 V-8	F-750, B-750, LN-750	24	②	8	①
	C-750, LN-800, C-CT-800	28 ② 30 ②			
401 V-8	C-, CT900	51	②	11	①
477 V-8		58	②		
534 V-8		52 ② 59 ②			
401		46		11	②
477	L-900 LN-900	48	①	11	②
534					
401	C-CT-900	51		11	②
477		58 ②			
534		52 ② 59 ②			

① Add 1 U.S. quart for trucks equipped with heater.
② Except with Allison Automatic Transmission.
③ With Allison Automatic Transmission.
④ Add 1 quart extra when changing oil filter.
⑤ Includes 2 quarts for oil filter.



500-700 SERIES TRANSMISSION REFILL CAPACITIES (U.S. Measure)

Transmission Type and Make	Filler Location	Drain Location	Approx. Capacity (Pts.)	
			U.S.	
			U.S.	U.S.
5-Speed (Spicer 5652)	Rt	L	13	
5-Speed (Spicer 5756-B)	Rt	L	13	
4-Speed (New Process) NP-435	L	L	6½	
4-Speed Warner T-19	Rt	Rt	6½	
5-Speed NP-542	R	Rear	9	
5-Speed Heavy-Duty (Clark 280, 282, 285)	Rt	Center Rear	8	
5-Speed Extra Heavy-Duty (Clark 385, 387)	Rt	Center Rear	13	
10-Speed Fuller (RT-610)	L	B	12	
C6 Automatic	—	—	25	
Allison (AT-540)	Rt	Rt	22	
Allison (MT-600)	—	—	32	

Rt—Right L—Left B—Bottom

800-900 SERIES TRANSMISSION—REFILL CAPACITIES (U.S. Measure)

Transmission Type and Make	Filler Location	Drain Location	Approx. Capacity (Pts.)	
			U.S.	U.S.
3-Speed Auxiliary (Spicer 5831)	Rt	L	4	
3-Speed H.D. Auxiliary (Spicer R 8031-R) (Spicer 7231-B & D)	Rt	L	12	
	Rt	L	8	
4-Speed Auxiliary (Spicer 7041) (Spicer R 8341-C)	Rt	L	11	
	Rt	L	12	
5-Speed (Spicer 5652)	Rt	L	13	
5-Speed (Spicer 5756-B)	Rt	L	13	
5-Speed (Spicer 6453-A)	Rt	L	17	
5-Speed Heavy-Duty (Clark 280, 282, 285)	Rt	Center Rear	8	
5-Speed Extra Heavy-Duty (Clark 385, 387)	Rt	Center Rear	13	

Rt—Right L—Left B—Bottom



REAR AXLE REFILL CAPACITIES (U.S. Measure)

Single-Speed Axle		Approx. Capacity (Pints) ①
Make and Model	U.S. Measure	
Eaton 17121		31
Eaton 18121 ②		34
Eaton 19121 ③		31½
Rockwell R-171-B ① ④		43
Rockwell D-100 ⑤		11
Rockwell F-106 ⑥		13½
Rockwell H-170 ⑦		26½
Rockwell FDS-75 (F-600 4 x 4)		13
Two-Speed Axle		Approx. Capacity (Pints) ①
Make and Model	U.S. Measure	
Eaton 15201 ① ⑤		17
Eaton 16244 ① ⑥		22½
Eaton 17221 ② ⑥		31
Eaton 18221 ③ ④		33½
Eaton 19221		34
Rockwell T-223-C9 Transfer Case (F-600 4 x 4)		6

① If hubs have been removed, an additional ½ pint of axle lubricant must be added. Add lubricant through the axle vent.
② If hubs have been removed, an additional 1 pint of axle lubricant must be added. Add lubricant through the axle vent.
③ Quantities listed are approximate. Axle should be filled until lubricant is level with bottom of filler hole with vehicle in normal operating position.
④ If hubs have been removed, an additional 1½ pts. of axle lubricant must be added. Add lubricant through the axle vent.
⑤ If hubs have been removed, an additional ½ pint of axle lubricant must be added. Add lubricant through the axle vent.
⑥ If hubs have been removed, an additional 1 pint of axle lubricant must be added. Add lubricant through the axle vent.

1973 MERCURY



MODELS

- MERCURY MONTEREY • MERCURY MONTEREY CUSTOM • MARQUIS • MARQUIS BROUGHAM
- MONTEREY WAGON • MARQUIS WAGON • COLONY PARK STATION WAGON

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Left Rear Fender
- ② **OIL FILLER CAP**—Front of Left Rocker Arm Cover
- ③ **PCV VALVE**—Left Front Rocker Cover 351, 400 CID;
Right Rear Rocker Cover 429 4V, 460 4V CID
- ④ **FUSE PANEL**—Located at Left Side of Dash Panel
- ⑤ **HOOD LATCH**—All Series: To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5 & 60W	4000
Headlights Hi-Beam	37.5W	4001
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal (Pass. Car)	3-32 c.p.	†
Back-up Lamp	32 c.p.	1156
License Plate—Sedan	6 c.p.	90
License Plate—Station Wagon	4 c.p.	1178
Dome Lamp	12 c.p.	561
Front Side Marker	2 c.p.	194
Rear Side Marker	4 c.p.	194
Rear Stop & Turn (SW)	3-32 c.p.	1157
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator: Left & Right	2 c.p.	194
Warning Lights: Oil/Alt./Hot/Brakes	2 c.p.	194
Speedometer & Gauges	2 c.p.	194
Glove Compartment	3 c.p.	194
Courtesy Lamp (Inst. Panel)	6 c.p.	631
Ash Tray	1.5 c.p.	161
Heater Control	1.5 c.p.	161
Courtesy Lamp (Pillar)	12 c.p.	105
Courtesy Lamp (Door Mounted)	6 c.p.	214-2
Accessory Equipment		
Fog Lamps (Amber)	35W	4415
Fog Lamp Switch	1 c.p.	53X
Clock	2 c.p.	194
AM/FM MPX & AM Pilot Light	2 c.p.	1893
Defogger—Rear Window	2 c.p.	Ford Part D1AZ-18C622-A
Luggage Compartment	6 c.p.	631
Air Conditioner	2 c.p.	161
Engine Compartment Lamp	6 c.p.	631
Spotlamp (4.40" dia.)	30W	4405
Cargo Lamp (SW)	12 c.p.	105
Radio and Stereo Tape Pilot Light	2 c.p.	1892
Front Cornering Lamps	50 c.p.	1295

NA—Natural Amber Color Bulb

SW—Station Wagon

†If the car is equipped with a natural amber (1157 NA) bulb, replace it with an NA bulb. If it is equipped with a clear bulb (1157), replace it with a clear bulb.

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	18	C.B.
Tail Lights, Parking Lights, Side Markers, License, Trailer Towing Tail Lamp Relay, Light and Horns	Integral with Light Switch	15	C.B.
Rear Window Defroster & Seat Back Latch Solenoid, Power Windows	On Starter Relay	20	C.B.
Cigar Lighter	Fuse Panel	15	SFE
Emergency Warning & Stop Lamps	Fuse Panel	15	C.B.
Heater & Defroster Blower/A/C	Fuse Panel	15	SFE
Deck Lid Release	Lower Center Flange of Dash Panel	6	C.B.
Windshield Wiper	Integral with Wiper Switch	8.25	C.B.
Power Window	On Starter Relay	20	C.B.
Power Seats	On Starter Relay	20	C.B.
Motors: Windshield Wiper, Power Window	Integral with Motor	—	C.B.
Dome Lamps, Courtesy Lamps, Glove Compartment Lamps, Clock, Luggage & Cargo Compartment Lamp, Seat Back Latch Control Relay, Ignition Key Warning Buzzer and Door Lock Solenoid	Fuse Panel	15	SFE
Instrument Cluster Lights, Clock Lights, Ash Tray Light, Head Lamp and Windshield Wiper Switch, Heater—A/C and ATC Control	Fuse Panel	4	SFE
Back-up Lamps, & Throttle Positioner	Fuse Panel	15	SFE
Parking Brake Warning, Rear Window Defogger, Power Windows, Rear Window Defroster, Windshield Washer, Police Acc. Feed, Cornering Lamp, Speed Control Relay, Intrusion Alarm System	Fuse Panel	20	SFE
Electric Fuel Pump	Cartridge In Feed Line	4	SFE
Air Conditioner (Dealer Installed)	In-Line Fuse	20	SFE
Speed Control	In-Line Fuse	5	SFE
Throttle Solenoid, Engine, Temp., Oil Pressure, Sure-Track Brake** Alternator, Brake Warning and Seat Belt	Fuse Panel	7.5	SFE
AM, AM/FM/MPX Radio, Stereo Tape	Fuse Panel	7.5	SFE
Power Door Locks	At Electovac Door Lock Solenoid	1	C.B.
Eng. Comp. Lamp, Heated B/Lite, Trailer Towing (Brakes and Lights) Load Circuit	In-Line Fuse Link	—	—

*C.B. Circuit Breaker

**Sure-Track Brake—Also 3 Amp. In-Line Fuse

MERCURY

APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank		Engine Crankcase (Includes 1 qt. for filter)	
All Models except Station Wagon	22 gal.	351 & 400, 429, 460 CID	5 qts.
Station Wagon	21 gal.	460 CID Police and Taxi	7½ qts.**
Cooling System (Includes 1 qt. for heater)		Transmission	
351C CID (with A/C)	16.3 qts.	Select-Shift	
351C CID (without A/C)	15.5 qts.	351 CID (C4)	10¼ qts.*
351W CID (Police, Taxi)	18 qts.	400, 429 & 460 CID (C6)	12½ qts.*
400 CID (Std. & A/C)	18 qts.	Rear Axle—Integral Carrier	4 pts.
400 CID (Police & Taxi, A/C)	20 qts.	—Removable Carrier	5 pts.
429, 460 CID (Std. & A/C)	19.5 qts.	Power Steering System	1.6 pts.*
429, 460 CID (Police, Taxi, A/C)	20 qts.		

*Dipstick used to determine exact fill requirements. **Includes ½ qt. for oil cooler.

MERCURY

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches				
	351-W 2V	351-C 2V	400 2V	429 4V	460 4V
No. of Cylinders	8	8	8	8	8
Bore (Inches)	4.00	4.00	4.00	4.36	4.36
Stroke (Inches)	3.50	3.50	4.00	3.59	3.85
Valve Lifters*	H	H	H	H	H
Fuel R-Regulator**	R	R	R	R	R
Carburetor	2V	2V	2V	4V	4V
Distributor Point Gap (Inches)	.017	.017	.017	.017	.017
Dwell Angle at Idle Speed	26°-30°	26°-30°	26°-31°	26°-30°	26°-30°
Spark Plug***	BRF-42	ARF-42	ARF-42	ARF-42	ARF-42
Spark Plug Gap (Inches)	.034	.034	.034	.034	.034
Firing Order	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance	—	—	—	—	—
Choke Housing Setting	1 Rich	3 Rich	3 Rich	Index	Index
Initial Ignition Timing	See engine decal for this specification.				
Idle Speed (RPM)	See engine decal for this specification.				

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

MERCURY

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches				
	351-W 2V	351-C 2V	400 2V	429 4V	460 4V
Choke Pulldown Setting					
Man.	—	—	—	.200	.210
Auto.	—	—	—		
Accelerator Pump Setting	No. 3A Inboard	No. 3A Inboard	No. 3A Inboard	No. 1 Inboard	No. 1 Inboard
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury				
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch				
Ignition Coil Voltage Output	Must fire across ⅛ inch gap				
Vacuum Advance/Retard Cut-In Speed (mph)	—	—	—	—	—
Valve Clearance (Solid Tappet Engine Only)					
Intake	—	—	—	—	—
Exhaust	—	—	—	—	—
Intake Manifold Bolt Torque (Ft. Lbs.)	23-25	21-25—⅝ In. Bolt 27-33—⅜ In. Bolt		25-30	

MERCURY

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid. The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise; 8 cyl. Counterclockwise.

1973 MONTEGO



MODELS

- MONTEGO • MONTEGO MX • MONTEGO MX BROUGHAM • MONTEGO GT
- MONTEGO MX VILLAGER STATION WAGON • MONTEGO MX STATION WAGON

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Behind Rear License Plate
- ② **OIL FILLER CAP**—6 cyl. Rear of Rocker Arm Cover
8 cyl. Left Front Rocker Arm Cover
- ③ **PCV VALVE**—Located in Rocker Cover: Front 250 CID; Left Front 302 2V,
351 2V, 351C 4V, 400 2V, 429 4V
- ④ **FUSE PANEL**—On Dash Panel Above and Left of Brake Pedal
- ⑤ **HOOD LATCH**—To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center
Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Lamp Number
Headlights Hi-Lo Beam	37.5 & 60W	4000
Hi-Beam	37.5W	4001
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal (Pass. & SW)	3-32 c.p.	1157
Back-up Lamp (Passenger Car)	32 c.p.	1156
Back-up Lamp (SW)	32 c.p.	1156
License Plate—(Passenger Car)	6 c.p.	97
License Plate—(Station Wagon)	6 c.p.	631
Dome Lamp	12 c.p.	561
Front/Rear Side Markers	2 c.p.	194

Instrument Panel

Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Warning Lights	2 c.p.	194
Speedometer & Gauges	2 c.p.	194
Glove Compartment	3 c.p.	1816
Instrumentation Package	2 c.p.	194
Ash Tray	1 c.p.	161
Clock	2 c.p.	194
Courtesy Lamp	6 c.p.	631

Accessory Equipment

Radio Dial Light	2 c.p.	1893
Auto. Trans. Quadrant (PRND21)	1.5 c.p.	1445
Cluster	2 c.p.	194
Luggage Compartment	6 c.p.	105
Console Lamp	3 c.p.	1895
Engine Compartment Lamp	6 c.p.	631
Cargo Lamp (SW)	12 c.p.	105
Comb. Dome & Map Light	12 c.p.	211
	12 c.p.	105

NA—Natural Amber Color Bulb
SW—Station Wagon

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	18	C.B.
Heater-Defroster	Fuse Panel	25	SFE
Air Conditioner	Fuse Panel	25	SFE
Instrument Panel Lights	Fuse Panel	4	SFE
Warning Lamps, Seat Belt Warning	Fuse Panel	4	SFE
Back-up Lamps & Accessories	Fuse Panel	15	SFE
Windshield Washer	Fuse Panel	7.5	SFE
Radio	Fuse Panel	15	SFE
Hazard Warning System & Stop Lamps	Fuse Panel	15	SFE
Cigar Lighter	Fuse Panel	15	SFE
Courtesy Lamps	Fuse Panel	7.5	SFE
Parking Lights, License Light, Tail Lights, Console "PRND21", Horns, Marker Lights	In Headlight Switch	15	C.B.
Engine Compartment Light	In Line Fuse	7.5	SFE
Power Seat, Power Windows Motors	In Motor Assembly	—	C.B.
Windshield Wiper	In Wiper Switch	—	C.B.
Trunk Lid Lights & Lock	On Lower Flange of Instrument Panel Right of Ash Tray	20	C.B.
Rear Window Defroster, Automatic Seat Back Latch, Electric Windows, Seats & Rear Window (Sta. Wagon)	Attached to Starter Relay	20	C.B.
Heated Backlite	In Wiring	14GA	Fuse Link
Trailer Towing	In Wiring	16GA	Fuse Link

*C.B. Circuit Breaker

MONTEGO

APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank		Engine Crankcase (Includes 1 qt. for filter)	
All Models except Station Wagon	22.0 gal.	250 CID	4½ qts.
Station Wagon	20.0 gal.	302, 351 & 400 CID	5 qts.
Cooling System (Includes 1 qt. for heater)		429, 460 CID	5 qts.
250 CID	11½ qts.	Transmission	
302—Std.	15¼ qts.	3-Speed Manual	3½ pts.
E/C-A/C	15¼ qts.	4-Speed Manual	4 pts.
Police & Taxi	16¼ qts.	Select-Shift	
351C-2V—Std., E/C-A/C	16¼ qts.	250, 302 CID (C4)	9 qts.*
Police and Taxi, TT	17¼ qts.	351-4V (C6)	10½ qts.
351C-4V—Std.	15¼ qts.	400 & 429 CID (C6)	12½ qts.*
Police and Taxi-A/C-E/C-TT	16¼ qts.	Rear Axle—250, 302	4 pts.
400 CID (with A/C) Police and Taxi, TT	18.5 qts.	351, 400, 429, 460	5 pts.
400 CID E/C	17¼ qts.	Power Steering System	3½ pts.*
429 CID Police and Taxi, TT	19.5 qts.		
429 CID A/C-E/C	18¼ qts.		
460 Police	19.3 qts.		

*Dipstick used to determine exact fill requirements. E/C—Extra Cooling, A/C—Air Conditioning, TT—Trailer Towing

MONTEGO

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches						
	250 1V	302 2V	351-W 2V	351-C 2V	351-C 4V	400 2V	429 4V
No. of Cylinders	6	8	8	8	8	8	8
Bore (Inches)	3.68	4.00	4.00	4.00	4.00	4.00	4.36
Stroke (Inches)	3.91	3.00	3.50	3.50	3.50	4.00	3.59
Valve Lifters*	H	H	H	H	H	H	H
Fuel R-Regular**	R	R	R	R	R	R	R
Carburetor	1V	2V	2V	2V	4V	2V	4V
Distributor Point Gap (Inches)	.027	.017	.017	.017	Man.-.020 Auto-.017	.017	.017
Dwell Angle at Idle Speed	35°-39°	26°-30°	26°-30°	26°-30°	26°-31°	26°-31°	26°-30°
Spark Plug***	BRF-82	BRF-42	BRF-42	ARF-42	ARF-42	ARF-42	ARF-42
Spark Plug Gap (Inches)	.034	.034	.034	.034	.034	.034	.034
Firing Order	1-5-3-6-2-4	1-5-4-2-6-3-7-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance	—	—	—	—	—	—	—
Choke Housing Setting	Man. & Auto. Index	3 Rich	1 Rich	3 Rich	Man.-1 Rich Auto.-Index	3 Rich	Index
Initial Ignition Timing	See engine decal for this specification.						
Idle Speed (RPM)	See engine decal for this specification.						

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

MONTEGO

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches						
	250 1V	302 1V	351-W 2V	351-C 2V	351-C 4V	400 2V	429 4V
Choke Pulldown Setting							.200
Man.	.300	—	—	—	.170	—	.200
Auto.	.190	—	—	—	.180	—	—
Accelerator Pump Setting	.420 Nom.	No. 2A Inboard	No. 3A Inboard	No. 3A Inboard	.38 ±.02	No. 3A Inboard	No. 1 Inboard
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury						
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch						
Ignition Coil Voltage Output	Must fire across ⅜ inch gap						
Vacuum Advance/Retard Cut-In Speed (mph)	—	—	—	—	—	—	—
Valve Clearance (Solid Tappet Engine Only)							
Intake	—	—	—	—	—	—	—
Exhaust	—	—	—	—	—	—	—
Intake Manifold Bolt Torque (Ft. Lbs.)	—	23-25	23-25	21-25—⅜ In. Bolt 27-33—⅜ In. Bolt		—	25-30

MONTEGO

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid.

The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged.

Distributor Rotor Rotation: 6 cyl. Clockwise; 8 cyl. Counterclockwise.

1973 COUGAR



MODELS

- COUGAR HARDTOP • COUGAR CONVERTIBLE
- COUGAR XR-7—HARDTOP AND CONVERTIBLE

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Behind Rear License Plate
- ② **OIL FILLER CAP**—Front of Left Rocker Cover
- ③ **PCV VALVE**—Front of Left Rocker Arm Cover, 351 CID
- ④ **FUSE PANEL**—On Plate Attached to Lower Right Hand Flange of Brake Pedal Support
- ⑤ **HOOD LATCH**—Located Inside the Upper Left Hand Corner of the Right Headlamp. To Release and Open the Hood Lift Upward on the Hood Release Lever

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5 & 60W	4002
Headlights Hi-Beam	37.5W	4001
Front Park/Turn Signal	3-32 c.p.	1157
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1076
License Plate	4 c.p.	97
Courtesy Lamps—Pillar	12 c.p.	105
Courtesy Lamp—Dome	12 c.p.	561
Courtesy Lamp (Under Panel)	6 c.p.	631
Rear Side Markers	2 c.p.	194
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Warning Lights/Brakes/Alt./Oil	2 c.p.	194
Speedometer and Gauges	2 c.p.	194
Glove Compartment	2 c.p.	1895
Ash Tray—Console	.75 c.p.	1892
Heater (or Optional A/C) Control	.75 c.p.	1445
Clock	2 c.p.	194
Cluster Illumination	2 c.p.	194
Accessory Equipment		
Spotlight	30 W	4405
Radio AM	2 c.p.	1893
Radio AM-FM	.75 c.p.	1892
Radio AM-Tape Player	2 c.p.	1445
Auto. Trans. Quadrant	.75 c.p.	1445
Luggage Compartment	6 c.p.	631
Engine Compartment Lamp	6 c.p.	631
Map Lamp	.75 c.p.	212
Electrical Rear Window Defroster—All Models Except XR-7, see dealer	2 c.p.	1893
Warning Lamps		
XR-7 Models: Low Fuel/Door Ajar/Seat Belts/Park Brake	2 c.p.	194

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	12	C.B.
Tail Lights, Parking Lights, Side Markers, Headlight Buzzer Relay, License Light, PRND21	Integral with Light Switch	15	C.B.
Courtesy Lamps: Instrument Panel, Pillar or Dome, Map, Glove Box, Luggage Comp., Clock, Ignition Key Reminder and Headlamp "ON" Buzzer, Automatic Seat Back Latch	Fuse Panel	14	SFE
Horns, Lighter	Fuse Panel	20	AGC/SFE
Emergency Warning System and Stop Lamps	On Relay Panel Above Glove Box	15	C.B.
Warning Lamps (convenience panel), Oil Pressure, Dual Brake System, Seat Belt Warning, Engine Water Temp.	Fuse Panel	4	SFE
Back-up Lights, Windshield Washer, Radio and Stereo Tape Player, Turn Signals	Fuse Panel	15	3AG
Emission Control Solenoid, Throttle Solenoid Positioner, Electronic Spark Control, Low Fuel Warning Relay Coil Feed, Door Open Warning Lamp	Fuse Panel	4	SFE
Spotlight	Fuse Cartridge in Line	7.5	SFE
Engine Compartment Lamp	Fuse Cartridge in Line	7.5	SFE
Heater & Defroster	Fuse Panel	14	SFE
Air Conditioning (R.P.O.)	Fuse Panel	30	4GX
Air Conditioning (Dealer Inst.)	Fuse Panel	30	SFE
Accessory Feed	Fuse Panel	20	SFE
Windshield Wiper	Integral with Wiper Switch	7	C.B.
Heater Backlite	Load Circuit Fuse Link	In Harness	
Automatic Seat Back Latch Feed, Power Window, Convertible Top, Power Seat, Engine Comp. Lamp	On Starter Relay	20	C.B.
Instrument and Cluster Lamps, Radio Lamp, Heater and A/C Control Lamp, W/S Wiper Switch, Clock Lamp, Ash Tray Lamp, Lighter and Gauge Illum.	Fuse Panel	4	SFE

*C.B. Circuit Breaker

COUGAR

APPROXIMATE REFILL CAPACITIES (U.S. Measure)

Fuel Tank—All Models	19.5 gals.	Select-Shift	
Cooling System (Includes 1 qt. for heater)		351-2V CID Engine	11 qts.*
351-2V CID	15.8 qts.	351C-4V CJ (12" Converter)	12.75 qts.*
351 CID 4V-CJ	16.3 qts.	(10.25" Converter)	10.75 qts.*
Engine Crankcase (Includes 1 qt. for filter)		Rear Axle	
351 CID (351-2V, 351-4V)	5 qts.	351 CID	5 pts.
Transmission		Power Steering System	2¼ pts.*
4-Speed Manual	4 pts.	Steering Gear	¾ lbs.

*Dry System ... Dipstick used to determine exact fill requirements.

COUGAR

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches	
	351-C 2V	351-C 4V
No. of Cylinders	8	8
Bore (Inches)	4.00	4.00
Stroke (Inches)	3.50	3.50
Valve Lifters*	H	H
Fuel R-Regular**	R	R
Carburetor	2V	4V
Distributor Point Gap (Inches)	.017	Man.-.020, Auto.-.017
Dwell Angle at Idle Speed	26°-30°	26°-31°
Spark Plug***	ARF-42	ARF-42
Spark Plug Gap (Inches)	.034	.034
Firing Order	1-3-7-2-6-5-4-8	1-3-7-2-6-5-4-8
Anti-Stall Dashpot Clearance	—	—
Choke Housing Setting	3 Rich	Man.-1 Rich Auto.-Index
Initial Ignition Timing	See engine decal for this specification.	
Idle Speed (RPM)	See engine decal for this specification.	

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

COUGAR

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches	
	351-C 2V	351-C 4V
Choke Pulldown Setting		
Man.	—	.170
Auto.	—	.180
Accelerator Pump Setting	No. 3A Inboard	.38 ± .02
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury	
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch	
Ignition Coil Voltage Output	Must fire across 3/16 inch gap	
Vacuum Advance/Retard Cut-In Speed (mph)	—	—
Valve Clearance (Solid Tappet Engine Only)		
Intake	—	—
Exhaust	—	—
Intake Manifold Bolt Torque (Ft. Lbs.)	21-25— $\frac{5}{16}$ In. Bolt, 27-33— $\frac{3}{8}$ In. Bolt	

COUGAR

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid.

The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged.

Distributor Rotor Rotation: 8 cyl. Counterclockwise.

1973 COMET



MODELS

- 2-DOOR SEDAN • 4-DOOR SEDAN
- COMET GT

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Center of Rear Panel Below Deck Lid
- ② **OIL FILLER CAP**—6 Cylinder: Rear of Rocker Arm Cover
8 Cylinder: Front of Left Rocker Arm Cover
- ③ **PCV VALVE**—6 Cylinder: Front of Rocker Arm Cover
8 Cylinder: Front of Left Rocker Arm Cover
- ④ **FUSE PANEL**—On Dash Above and Left of Brake Pedal
- ⑤ **HOOD LATCH**—Directly in Center Between Grille and Hood Lip—
To Open: Push Lever to Right—Raise Hood—Prop open with Support Rod

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	50-60W	6014
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1076
License Plate	4 c.p.	97
Dome Lamp	12 c.p.	56
Front/Rear Side Markers	1 c.p.	161
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Warning Lights: Oil/Alt./Temp./Brakes/Fasten Belts	2 c.p.	194
Fuel and Speedometer	2 c.p.	194
Headlamp and Wiper Controls Light	2 c.p.	1816
Ash Tray	.7 c.p.	1445
Heater Controls Light	.7 c.p.	1445
Accessory Equipment		
Spotlight	30W	4405
Radio Light	2 c.p.	1893
AM/FM Stereo Indicator	2 c.p.	1895
Auto. Trans. Quadrant	.7 c.p.	1445
Clock (Console)	2 c.p.	1895

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	Integral with Light Switch	18	C.B.
Tail Lights, Parking Lights, Front and Rear Side Markers, Stop Lamps, License Light and Horns	Integral with Light Switch	18	C.B.
Courtesy, Dome, Luggage Compartment, Ign. Key Buzzer Warning System	Fuse Panel	14	SFE
Emergency Flasher, Cigar Lighter & Clock Feed (Console only)	Fuse Panel	20	SFE
Instrument & Cluster Lamps, PRND21 Lamp (Standard or Console), Radio Lamp, Ash Tray, Heater & A/C Illumination, Clock Light, W/S Wiper Control	Fuse Panel	4	SFE
Back-up Lights, Windshield Washer and Radio Feed	Fuse Panel	15	SFE
Spotlight	Fuse Cartridge in Line	7.5	SFE
Heater & Defroster	Fuse Panel	14	SFE
Air Conditioning	Fuse Panel	30	SFE
Windshield Wiper	Integral with Wiper Switch	6	C.B.
Warning Lamps & Throttle Solenoid	Fuse Panel	14	SFE
Accessory Feed, Seat Belt Reminder, Rear Window Defogger	Fuse Panel	20	SFE

*C.B. Circuit Breaker

COMET

APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank All Models	15 gal.	Engine Crankcase (Includes 1 qt. for filter) 200, 250 CID	4½ qts.
Cooling System (Includes 1 qt. for heater) 200 CID (Standard) (All)	9 qts.	302 CID	5 qts.
250 CID (All)	9¾ qts.	Transmission 3-Speed Manual	3½ pts.
302 CID (Standard)	11¼ qts.	Select-Shift 6 Cyl. 8 Cyl.	8 qts.* 9 qts.*
302 CID (with A/C) or Extra Cooling	14¼ qts.	Rear Axle	4 pts.
		Power Steering System	2½ pts.*
		Steering Gear	¾ lbs.

*Dry System—Dipstick used to determine exact fill requirements.

COMET

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches		
	200 1V	250 1V	302 2V
No. of Cylinders.....	6	6	8
Bore (Inches).....	3.68	3.68	4.00
Stroke (Inches).....	3.13	3.91	3.00
Valve Lifters*.....	H	H	H
Fuel R-Regular**.....	R	R	R
Carburetor.....	1V	1V	2V
Distributor Point Gap (Inches).....	.027	.027	.017
Dwell Angle at Idle Speed.....	35°-39°	35°-39°	26°-30°
Spark Plug***.....	BRF-82	BRF-82	BRF-42
Spark Plug Gap (Inches).....	.034	.034	.034
Firing Order.....	1-5-3-6-2-4	1-5-3-6-2-4	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance.....	.100	—	—
Choke Housing Setting.....	Man.-Index Auto.-1 Rich	Man. & Auto. Index	3 Rich
Initial Ignition Timing.....	See engine decal for this specification.		
Idle Speed (RPM).....	See engine decal for this specification.		

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

COMET

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches		
	200 1V	250 1V	302 2V
Choke Pulldown Setting			
Man.....	.230	.300	—
Auto.....	.200	.190	—
Accelerator Pump Setting.....	.240 Nom.	.420 Nom.	No. 2A Inboard
Distributor Vacuum Advance and Retard.....	Check function at 15 inches of mercury		
High Tension (Ignition) Wire Resistance.....	Not to exceed 1000 OHMS per inch		
Ignition Coil Voltage Output.....	Must fire across ¼ inch gap		
Vacuum Advance/Retard Cut-In Speed (mph).....	—	—	—
Valve Clearance (Solid Tappet Engine Only)			
Intake.....	—	—	—
Exhaust.....	—	—	—
Intake Manifold Bolt Torque (Ft. Lbs.).....	—	—	23-25

COMET

SERVICE TIPS

Adjust all idle speeds with headlights "ON", automatic transmission in "DRIVE" or manual transmission in "NEUTRAL" and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH IDLE SPEED with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE SPEED using the car-

buretor idle speed screw with wire disconnected from throttle solenoid. The distributor DIAPHRAGM HOSE or HOSES must be disconnected and plugged. Distributor Rotor Rotation: 6 cyl. Clockwise, 8 cyl. Counterclockwise.

1973 CAPRI



MODEL

- 2-DOOR SPORTS COUPE

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Right Side Rear Panel
- ② **OIL FILLER CAP**—2000 cc: Front of Rocker Cover
2600 cc: Front of Rocker Cover, Right Side
- ③ **PCV VALVE**—2000 cc: On Top of Oil Separator
2600 cc: Left Side of Rocker Cover
- ④ **FUSE PANEL**—Left-hand Side of Engine Compartment
- ⑤ **HOOD LATCH**—To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center Position Above Grille. Prop Open with Supporting Rod

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Fitting or Trade Number
Headlights Hi-Lo Beam	37.5 & 50W	4002
Headlights Hi-Beam	37.5W	4001
Side Lights/Front Direction Indicators	32 c.p./4 c.p.	Bayonet 15d/19
Rear Direction Indicators	32 c.p.	Bayonet 15d
Back-up Lamp	21 c.p.	Bayonet 15d
License Plate	12V-6W	Wedgebase
Rear/Stop Lights	32 c.p./4 c.p.	Bayonet 15d/19
Side Marker Lights	12V-1 c.p.	Wedgebase
Interior Light	12V-5W	Tubular bulb
Instrument Panel		
Warning Lights on Dash Panel	12V-1 c.p.	Wedgebase

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C. B.
High Beam Headlights	Fuse Panel	8	—
Low Beam Headlights	Fuse Panel	8	—
Cigarette Lighter, Clock, Interior Light	Fuse Panel	16	—
Rear License Plate, Instrument Panel Lamps	Fuse Panel	8	—
RH Tail Light & Parking Light	Fuse Panel	8	—
LH Tail Light & Parking Light	Fuse Panel	8	—
Horn, Heater Booster Motor	Fuse Panel	16	—
Wiper Motor, Reversing Lamp, Instrument Cluster	Fuse Panel	16	—
Direction Indicator Lights, Stop Lights	Fuse Panel	16	—

CAPRI

APPROXIMATE REFILL CAPACITIES
(U.S. Measure)

Fuel Tank	12 gal.	Transmission 4-Speed Manual Automatic C4	2¼ pts. 14.8 pts.*
Cooling System (Includes 1 qt. for heater)		Rear Axle	2½ pts.
2000 cc Engine	6½ qts.		
2600 cc Engine	8.2 qts. (Std.), 8.4 qts. (HD)		
Engine Crankcase (Includes 1 qt. for filter)			
2000 cc Engine	4 qts.		
2600 cc Engine	4½ qts.		

*Dipstick used to determine exact fill requirements.

CAPRI

ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Centimeters	
	2000 2V	2600 2V
No. of Cylinders	4	6
Bore (Inches)	3.57	3.54
Stroke (Inches)	3.03	2.63
Valve Lifters*	M	M
Fuel R-Regular**	R	R
Carburetor	2V	2V
Distributor Point Gap (Inches)	.025	.025
Dwell Angle at Idle Speed	37°-41°	37°-41°
Spark Plug***	BRF-32	AGR-32
Spark Plug Gap (Inches)	.034	.034
Firing Order	1-3-4-2	1-4-2-5-3-6
Anti-Stall Dashpot Clearance	—	—
Choke Housing Setting	Man.-1 Lean Auto.-Index	Man.-1 Lean Auto.-Index
Initial Ignition Timing	See engine decal for this specification.	
Idle Speed (RPM)	See engine decal for this specification.	

* M—Mechanical.
 ** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.
 *** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

CAPRI

ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Centimeters	
	2000 2V	2600 2V
Choke Pulldown Setting		
Man.	.158	.236
Auto.	.158	.236
Accelerator Pump Setting	No. 2 Hole	No. 2 Hole
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury	
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch	
Ignition Coil Voltage Output	Must fire across ⅜ inch gap	
Vacuum Advance/Retard Cut-In Speed (mph)	—	37
Valve Clearance (Solid Tappet Engine Only)	Hot	Hot
Intake	.008	.014
Exhaust	.010	.016
Intake Manifold Bolt Torque (Ft. Lbs.)	12-15	Screws 16-21 Stud/Nut 11-13

CAPRI

SERVICE TIPS

Engine Distributor Rotor Rotation: 2000 cc—Counter-clockwise; 2600 cc—Clockwise.

Adjust all idle speeds with automatic transmission in Drive or manual transmission in Neutral and if air conditioner equipped, place A/C controls in "OFF" position. Adjust

HIGH idle speed with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE speed using the carburetor idle speed screw, with wire disconnected from throttle solenoid.

Both vacuum hoses disconnected and plugged.

1973 LINCOLN CONTINENTAL



MODELS

- 2-DOOR COUPE • 4-DOOR SEDAN

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Left Rear Quarter Panel
- ② **OIL FILLER CAP**—Front of Left Rocker Arm Cover
- ③ **PCV VALVE**—Rear of Right Rocker Arm Cover
- ④ **CIRCUIT BREAKER PANEL**—Under Dash Panel Above Parking Brake Pedal
- ⑤ **FUSE PANEL**—Under Dash Panel Above Parking Brake Pedal
- ⑥ **HOOD LATCH**—To Release: Pull Handle at Lower Left of Instrument Panel
To Raise Hood: Release Safety Latch Under Front Center Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5 & 60W	4000
Headlights Hi-Beam	37.5	4001
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1156
Front Side Marker	2 c.p.	194A
Rear Side Marker	2 c.p.	194
License Place	6 c.p.	631
Rear Seat Reading	6 c.p.	502
Luggage Compartment	6 c.p.	631
Cornering Lamps	50 c.p.	1196
Courtesy Lamp—4 Door Model	6 c.p.	212
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator—L & R	2 c.p.	194
Warning Lights	2 c.p.	194
Speedometer Illumination	2 c.p.	194
Glove Compartment	2 c.p.	1895
Ash Tray (Instrument Panel & Rear Doors)	1.5 c.p.	1445
Heater A/C Control	2 c.p.	194
Clock	2 c.p.	194
Courtesy Lamp	6 c.p.	631
Door Lock Nomenclature	2 c.p.	194
Low Fuel Warning	2 c.p.	194
Engine Compartment Lamp	6 c.p.	631
Map Lamp	6 c.p.	212
Radio AM/FM Stereo	1.9 c.p.	1893
Heated Backlite System "On" Light		**
Radio AM/Stereo Tape	.75 c.p.	1893
Fasten Seat Belt Light		*

A—Amber Color Bulb NA—Natural Amber Color Bulb
*10C859-AD **D1VB-10C915-AA

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights and Headlights "ON" Warning	In Headlight Switch	20	C.B.
Parking Lights, License Plate Light, Tail Lights, Ash Tray Light, Marker Lights	In Headlight Switch	20	C.B.
Automatic Headlight Dimmer	In-Line Fuse	4	SFE-4
Stoplamps and Emergency Warning System	Fuse Panel	20	C.B.**
Warning Lamps/Door Ajar, Low Fuel, Seat Belt, Dual Brake Warning Lamp, Throttle Positioner and Emission System	Fuse Panel	7.5	SFE
Cigar Lighter (front), Door Lock Solenoid	Fuse Panel	25	AGC
Power Latch, Power Seat, Horns & Door Locks	Fuse Panel	30	C.B.**
Courtesy Lights, Doors, Reading Lights, Luggage Compartment, Map Light, Glove Box Light, Clock Feed, Seat Back Latch Control, Ignition Key Warning Buzzer, Headlight "ON" Warning Light	Fuse Panel	15	SFE
Instrument Panel and Cluster Lights, Radio, Clock, Heater and A/C Controls, W/S Wiper, Map Light Switch Illumination, Transmission Indicator (PRND21)	Fuse Panel	6	SFE
Motors, Power Seat—Windows	In Motor Ass'y	—	C.B.
Turn Signal and Cornering Lights, Back-Up Lights	Fuse Panel	15	SFE
Windshield Wiper	In Wiper Switch	8.25	C.B.
Speed Control, W/S Washer and Heated Backlite Control	Fuse Panel	7.5	SFE
Rear Window Defroster	Fuse Panel	35	SFE
Power Window Safety Relay	Fuse Panel	7.5	SFE
Radio, Power Antenna	Fuse Panel	15	SFE
Power Windows	Fuse Panel	20	C.B.**
Heater/Air Conditioner	Fuse Panel	30	C.B.**
Sure Track Brake System	Fuse Panel	3	SFE
Door Locks	At Motor	—	C.B.

*C.B.—Circuit Breaker

**This Circuit Breaker Is Inserted In Fuse Panel

LINCOLN CONTINENTAL APPROXIMATE REFILL CAPACITIES

(U.S. Measure)

Fuel Tank All Models	22 gal.	Select-Shift Transmission	13 qts.*
Cooling System (Includes 1 qt. for heater) 460 CID	19½ qts.	Rear Axle Conventional	5 pts.
		Traction-Lok	5 pts.
Engine Crankcase (Includes 1 qt. for filter) 460 CID	5 qts.	Power Steering System	3.5 pts.*

*Dry System . . . Dipstick used to determine exact fill requirements.

LINCOLN CONTINENTAL ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches
	460 4V
No. of Cylinders	8
Bore (Inches)	4.36
Stroke (Inches)	3.85
Valve Lifters*	H
Fuel R-Regular**	R
Carburetor	4V
Distributor Point Gap (Inches)	.017
Dwell Angle at Idle Speed	26°-30°
Spark Plug***	ARF-42
Spark Plug Gap (Inches)	.034
Firing Order	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance	—
Choke Housing Setting	Index
Initial Ignition Timing	See engine decal for this specification.
Idle Speed (RPM)	See engine decal for this specification.

* H—Hydraulic

** All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.

*** Installation Torque 10-15 ft. lbs. for 14 MM plugs; 15-20 ft. lbs. for 18 MM plugs.

LINCOLN CONTINENTAL ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches
	460 4V
Choke Pulldown Setting—Auto	.210
Accelerator Pump Setting	No. 1 Inboard
Distributor Vacuum Advance and Retard	Check function at 15 inches of mercury
High Tension (Ignition) Wire Resistance	Not to exceed 1000 OHMS per inch
Ignition Coil Voltage Output	Must fire across ⅛ inch gap
Vacuum Advance/Retard Cut-In Speed (mph)	—
Valve Clearance (Solid Tappet Engine Only)	—
Intake	—
Exhaust	—
Intake Manifold Bolt Torque (Ft. Lbs.)	25-30

LINCOLN CONTINENTAL

SERVICE TIPS

Adjust all idle speeds with automatic transmission in Drive or manual transmission in Neutral and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH idle speed with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE

speed using the carburetor idle speed screw, with wire disconnected from throttle solenoid.

The distributor Diaphragm Hose or Hoses must be disconnected and plugged.

Note: Distributor Rotor Rotation: 8 cyl. Counterclockwise

1973 CONTINENTAL MARK IV



MODEL
• 2-DOOR COUPE

SERVICE LOCATIONS



- ① **GAS FILLER CAP**—Behind Rear License Plate
- ② **OIL FILLER CAP**—Left Front Rocker Arm Cover
- ③ **PCV VALVE**—Rear of Right Rocker Arm Cover
- ④ **FUSE & CIRCUIT BREAKER PANEL**—Under Instrument Panel to Left of Steering Column
- ⑤ **HOOD LATCH**—To Release: Pull Handle at Lower Left of Instrument Panel To Raise Hood: Release Safety Latch Under Front Center Position Above Grille

LIGHTS (12 VOLTS)

Lamp Description	Candle Power or Wattage	Trade Number
Headlights Hi-Lo Beam	37.5 & 60W	4000
Headlights Hi-Beam	37.5W	4001
Front Park/Turn Signal	3-32 c.p.	1157NA
Rear Tail/Stop/Turn Signal	3-32 c.p.	1157
Back-up Lamp	32 c.p.	1156
License Plate	4 c.p.	97
Side Marker—Front	2 c.p.	194
Side Marker—Rear	2 c.p.	194
Rear Seat Reading	12 c.p.	105
Dome Light	12 c.p.	211
Door Courtesy Lights	4 c.p.	214.2
Luggage Compartment	6 c.p.	631
Engine Compartment Light	6 c.p.	631
Instrument Panel		
Hi-Beam Indicator	2 c.p.	194
Turn Signal Indicator	2 c.p.	194
Warning Lights/Brake & Low Fuel	2 c.p.	194
Glove Compartment	2 c.p.	194
Map Light	12 c.p.	105
Ash Tray (Inst. Panel)	1 c.p.	161
Ash Tray (Arm Rest)	.7 c.p.	1445
Automatic Temperature Control Light	1 c.p.	161
Instrument Illumination	2 c.p.	194
Courtesy Lamp	6 c.p.	631
Warning Light—Rear Window Defroster	2 c.p.	1891
Light Switch Control Lights	1 c.p.	161
Cigar Lighter Light	1 c.p.	161
Wiper Control Light	1 c.p.	161
Opera Window Light	12 c.p.	211
Auto. Trans. Quadrant	1.5 c.p.	1445
Cornering Light	50 c.p.	1196
Radio Dial Light	1.9 c.p.	1893

NA—Natural Amber Color Bulb

CIRCUIT PROTECTION

Circuit	Location	Rating Amperes	Type Fuse or C.B.*
Headlights	In Headlight Switch	20	C.B.
Parking Lights, License Plate Light, Tail Lights, Side Marker Lights, Headlight "ON" Relay	In Headlight Switch	20	C.B.
Instru. Pnl. & Cluster Lights, H/Lamp (SW) Radio, Ash Tray, Htr. or A/C, Cigar Lighters, Clock, W/S Wipers, PRNDL	Fuse Panel	6	SFE
Heater-Air Conditioner	Fuse Panel	35	C.B.
Power Windows	Fuse Panel	20	C.B.
Courtesy Lamps, Glove Box, Luggage Compartment, Clock Feed, Console, Dome Lamp & Seatback Latch Control, Ignition Key Warning Buzzer	Fuse Panel	15	SFE
Power Seats, Power Latch, Horns	Fuse Panel	30	C.B.
Rear Window Defroster	Fuse Panel	30	SFE
Cigar Lighter (Doors)	Fuse Panel	20	SFE
Stop Lamps, Hazard Warning System, Electric Deck Lid	Fuse Panel	20	C.B.
Cigar Lighter (Front), Power Door Lock System	Fuse Panel	20	SFE
Sure Track Brake System	Fuse Panel	3	SFE
Warning Lamps/Door Ajar, Seat Belt, Low Fuel, Oil Pressure, Temperature, Dual Brake Warning, Electronic Spark Control (California Only)	Fuse Panel	7.5	SFE
Backup and Cornering Lamps and Turn Signal Flasher	Fuse Panel	15	SFE
Radio and Power Antenna	Fuse Panel	15	SFE
Turn Signal Flasher	Fuse Panel	15	SFE
Windshield Washer, Relay Coil Feed, Speed Control and Heated Rear Window	Fuse Panel	7.5	SFE
Power Window Safety Relay Coil Feed	Fuse Panel	7.5	SFE
Motors—Power Seat, Power Windows	In Motor Assembly	—	C.B.
Windshield Wiper	In Wiper Switch	—	C.B.
Deck Lid Release	Attached on Center Vertical Reinforcement of Instrument Panel	6	SFE

*C.B.—Circuit Breaker

CONTINENTAL MARK IV APPROXIMATE REFILL CAPACITIES (U.S. Measure)

Fuel Tank	22.5 gal.	Select-Shift Transmission	12.7 qts.*
Cooling System 460 CID	19½ qts.	Rear Axle Conventional	5 pts.
Engine Crankcase (Includes 1 qt. for filter) 460 C.I.D.	5 qts.	Traction-Lok	5 pts.
		Power Steering System	3.5 pts.*

*Dry System—Dipstick used to determine exact fill requirements.

CONTINENTAL MARK IV ENGINE SPECIFICATIONS I

A special decal has been placed on or near the engine in the new Ford-built vehicle. This decal provides engine identification by displacement as well as other information. The specifications that follow are also listed by engine displacement for ease in locating the proper information.

Engine Displacement	Cubic Inches
	460 4V
No. of Cylinders.....	8
Bore (Inches).....	4.36
Stroke (Inches).....	3.85
Valve Lifters*.....	H
Fuel R—Regular**.....	R
Carburetor.....	4V
Distributor Point Gap (Inches).....	.017
Dwell Angle at Idle Speed.....	26°-30°
Spark Plug***.....	ARF-42
Spark Plug Gap (Inches).....	.034
Firing Order.....	1-5-4-2-6-3-7-8
Anti-Stall Dashpot Clearance.....	—
Choke Housing Setting.....	Index
Initial Ignition Timing.....	See engine decal for this specification.
Idle Speed (RPM).....	See engine decal for this specification.

*H—Hydraulic
 **All 1973 Engines are designed to operate on "Regular" Gasoline with an Octane rating of at least 91, when engine is adjusted to factory recommended specifications.
 ***Installation Torque 10-15 ft. lbs. for 14MM plugs; 15-20 ft. lbs. for 18 MM plugs.

CONTINENTAL MARK IV ENGINE SPECIFICATIONS II

Engine Displacement	Cubic Inches
	460 4V
Choke Pulldown Setting Auto.....	.210
Accelerator Pump Setting.....	No. 1 Inboard
Distributor Vacuum Advance and Retard.....	Check function at 15 inches of mercury
High Tension (Ignition) Wire Resistance.....	Not to exceed 1000 OHMS per inch
Ignition Coil Voltage Output.....	Must fire across 3/16 inch gap
Vacuum Advance/Retard Cut-In Speed (mph).....	—
Valve Clearance (Solid Tappet Engine Only).....	—
Intake.....	±
Exhaust.....	—
Intake Manifold Bolt Torque (Ft. Lbs.).....	25-30

CONTINENTAL MARK IV SERVICE TIPS

Adjust all idle speeds with automatic transmission in Drive or manual transmission in Neutral and if air conditioner equipped, place A/C controls in "OFF" position. Adjust HIGH idle speed with throttle solenoid operating by using the solenoid adjustment. Adjust the LOW IDLE speed

using the carburetor idle speed screw, with wire disconnected from throttle solenoid. The distributor Diaphragm Hose or Hoses must be disconnected and plugged.
 Note: Distributor Rotor Rotation: 8 cyl. Counterclockwise.

Motorcraft and Autolite Part Number

CYLINDER ENG. C.I.D.	SPARK PLUG			IGNITION PARTS						PCV VALVE	ELECTRICAL TUNE-UP KIT	
	STD.	RESISTOR	GAP	POINTS	COND.	CAP	ROTOR	COIL	TUNE-UP KIT			
FORD												
8 cyl. 351 (c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 351 (w)	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17	
8 cyl. 400	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 429	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 460	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 460 P/C	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
TORINO												
6 cyl. 250	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19	
8 cyl. 302	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17	
8 cyl. 351 (c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 351 (w)	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17	
8 cyl. 351 CJ M/T	—	ARF-42	.034"	DP-5 ³	DC-13A	DH-6	DR-5	DG-5	—	EV-68	—	
8 cyl. 351 CJ A/T	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 400	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 429	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 460 P/C	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
PINTO												
4 cyl. 98 (1600 cc)	—	AGR-22	.030"	DPE-140	DCE-238	DHE-156	DRE-91	DG-5	—	EV-58	TKF-18	
4 cyl. 122 (2000 cc)	—	BRF-42	.034"	DP-124	DC-88	DH-157	DR-92	DG-5	—	EV-58	TKF-24	
MAVERICK												
6 cyl. 200	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19	
6 cyl. 250	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19	
8 cyl. 302	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17	
MUSTANG												
6 cyl. 250	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19	
8 cyl. 302	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17	
8 cyl. 351 (c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 351 CJ M/T	—	ARF-42	.034"	DP-5 ³	DC-13A	DH-6	DR-5	DG-5	—	EV-68	—	
8 cyl. 351 CJ A/T	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
THUNDERBIRD												
8 cyl. 429	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 460	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
COMET												
6 cyl. 200	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19	
6 cyl. 250	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19	
8 cyl. 302	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
CAPRI												
4 cyl. 122 (2000 cc)	—	BRF-32	.034"	DP-124	DC-88	DH-157	DR-92	DGE-49	—	EV-60	—	
6 cyl. 159 (2600 cc)	—	AGR-32	.034"	DPE-224	DCE-262	DHE-309	DRE-103	DGE-49	—	EV-66	—	
COUGAR												
8 cyl. 351(c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	
8 cyl. 351 CJ M/T	—	ARF-42	.034"	DP-5 ³	DC-13A	DH-6	DR-5	DG-5	—	EV-68	—	
8 cyl. 351 CJ A/T	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22	

- (1) DP-77 Pivotless Point Set can be used.
 (2) DP-70 Pivotless Point Set can be used.
 (3) Two used.

Application Chart . . . 1973 Vehicles

ALTERNATOR		STARTER		FILTERS			WIRE & CABLES			BATTERY	
BRUSH SET	REGULATOR	BRUSH SET	SWITCH	OIL	AIR	GAS	IGNITION	BATTERY		PREMIUM	STD.
							TAILORED SETS	STARTER CABLE	GROUND CABLE		
FORD											
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3856	7194	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3854	7194	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3856	7194	7304	R-27F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
TORINO											
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-68	FG-14	WR-3802	7164	7304	R-22HF	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3850	7164	7304	R-22HF	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3856	7164	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3854	7164	7304	R-24F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-19A	WR-3856	7164	7304	R-24F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-19A	WR-3856	7164	7304	R-24F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3856	7164	7304	R-27F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7164	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7164	7304	R-27FA	—
PINTO											
GB-111 ⁴	GR-341A	SB-97	SW-3	FL-13A	FA-92	FG-44	WR-3817	7106	WC-8082A	R-22HF	—
GB-111 ⁴	GR-341A	SB-97	SW-3	FL-1	FA-52	FG-44	WR-3818	7106	WC-8082A	—	—
MAVERICK											
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-52	FG-14	WR-3802	7106	WC-8041A	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-68	FG-14	WR-3802	7106	WC-8041A	R-24F	—
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-97	FG-14	WR-3853	7106	WC-8041A	R-24F	—
MUSTANG											
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-68	FG-14	WR-3802	7106	WC-8041A	R-22HF	—
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-574	FG-14	WR-3850	7106	WC-8041A	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-574	FG-14	WR-3856	WC-8118	WC-8041A	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-74	FG-19A	WR-3856	WC-8118	WC-8041A	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-74	FG-19A	WR-3856	WC-8118	WC-8041A	R-24F	GN-24F
THUNDERBIRD											
GB-111 ⁴	GR-341A	SB-134	SW-675	FL-1	FA-74	FG-14	WR-3855	WC-8154	WC-8155	R-74A	—
GB-111 ⁴	GR-341A	SB-134	SW-675	FL-1	FA-74	FG-14	WR-3855	WC-8154	WC-8155	R-74A	—
COMET											
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-52	FG-14	WR-3802	7106	WC-8041A	R-24F	—
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-68	FG-14	WR-3802	7106	WC-8041A	R-24F	—
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-97	FG-14	WR-3853	7106	WC-8041A	R-24F	—
CAPRI											
GBE-122	GRE-388A ⁵	SBE-158	SWE-1031	FL-228	FA-98A	FG-107	WR-3847	WC-8092C	WCE-8148	—	—
GBE-122	GRE-388A ⁵	SBE-159	SWE-1031	FL-1	FA-52	—	WR-3846	WCE-8146	WCE-8145	—	—
COUGAR											
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-574	FG-14	WR-3856	WC-8118	WC-8041A	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-74	FG-19A	WR-3856	WC-8118	WC-8041A	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-3	FL-1	FA-74	FG-19A	WR-3856	WC-8118	WC-8041A	R-24F	GN-24F

(4) 70 & 90 Amp. Alternator use GB-128A.
 (5) GRE-388A Bosch, GRE-389 Lucas.

Motorcraft and Autolite Part Number

CYLINDER ENG. C.I.D.	SPARK PLUG				IGNITION PARTS					PCV VALVE	ELECTRICAL TUNE-UP KIT
	STD.	RESISTOR	GAP	POINTS	COND.	CAP	ROTOR	COIL	TUNE-UP KIT		
MONTEGO											
6 cyl. 250	—	BRF-82	.034"	DP-3 ²	DC-13A	DH-4	DR-87	DG-5	DK-16	EV-49	TKF-19
8 cyl. 302	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17
8 cyl. 351 (c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 351 (w)	—	BRF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-17
8 cyl. 351 CJ M/T	—	ARF-42	.034"	DP-5 ³	DC-13A	DH-6	DR-5	DG-5	—	EV-68	—
8 cyl. 351 CJ A/T	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 400	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 429	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 460 P/C	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
MERCURY											
8 cyl. 351 (c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 400	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 429	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 460	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 460 P/C	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
LINCOLN											
8 cyl. 460	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
MARK IV											
8 cyl. 460	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
METEOR											
8 cyl. 351 (c)	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 400	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 429	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 460	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22
8 cyl. 460 P/C	—	ARF-42	.034"	DP-12 ¹	DC-13A	DH-6	DR-5	DG-5	DK-10	EV-68	TKF-22

(1) DP-77 Pivotless Point Set can be used.
 (2) DP-70 Pivotless Point Set can be used.

(3) Two used.

SHOCK ABSORBERS (MOTORCRAFT SALES NO.)

		Auto-Flex	Auto-Flex XD	Super-Flex
FORD	Front	AB-105	AX-110	—
	Rear	AB-104	AX-108	AA-134
TORINO	Front	AB-105	AX-110	—
	Rear	AB-204	AX-204	AA-157
MUSTANG	Front	AB-164	AX-201, *AX-202	—
	Rear	AB-21	AX-76, *AX-156	AA-145
MAVERICK	Front	AB-154	AX-129	—
	Rear	AB-155	AX-157	—
THUNDERBIRD	Front	**	**	—
	Rear	**	**	**
COUGAR	Front	AB-164	AX-201	—
	Rear	AB-160	AX-124	**

*All H.D. and Cobra Jet.

**Part number not available at time of this publication.

Application Chart . . . 1973 Vehicles

ALTERNATOR		STARTER		FILTERS			WIRE & CABLES			BATTERY	
BRUSH SET	REGULATOR	BRUSH SET	SWITCH	OIL	AIR	GAS	IGNITION	BATTERY		PREMIUM	STD.
							TAILORED SETS	STARTER CABLE	GROUND CABLE		
MONTEGO											
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-68	FG-14	WR-3802	7164	7304	R-22HF	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3850	7164	7304	R-22HF	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3856	7164	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3854	7164	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-19A	WR-3856	7164	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-19A	WR-3856	7164	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3856	7164	7304	R-27F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7164	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7164	7304	R-27FA	—
MERCURY											
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3856	7194	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3856	7194	7304	R-27F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
LINCOLN											
GB-111 ⁴	GR-341A	SB-134	SW-675	FL-1	FA-74	FG-14	WR-3855	WC-8151	WC-8153	R-74A	—
MARK IV											
GB-111 ⁴	GR-341A	SB-134	SW-675	FL-1	FA-74	FG-14	WR-3855	WC-8154	WC-8155	R-74A	—
METEOR											
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-97	FG-14	WR-3856	7194	7304	R-24F	GN-24F
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3856	7194	7304	R-27F	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—
GB-111 ⁴	GR-341A	SB-134	SW-1080	FL-1	FA-74	FG-14	WR-3855	7194	7304	R-27FA	—

(4) 70 & 90 Amp. Alternator use GB-128A.

SHOCK ABSORBERS (MOTORCRAFT SALES NO.)

		Auto-Flex	Auto-Flex XD	Super-Flex
MONTEGO	Front	AB-105	AX-110	—
	Rear	AB-204	AX-204	AA-157
MERCURY	Front	AB-105	AX-110	—
	Rear	AB-104	AX-108	AA-134
LINCOLN	Front	AB-105	AX-110	—
	Rear	AB-104	AX-108	AA-134
MARK IV	Front	**	**	—
	Rear	**	**	**
COMET	Front	AB-154	AX-129	—
	Rear	AB-155	AX-157	—
PINTO	Front	AB-169	—	—
	Rear	AB-161, †AB-210	—	—

**Part number not available at time of this publication.

†Pinto Station Wagon.

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