

2004 Model Year

Scheduled Maintenance Guide

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FIND YOUR WAY

Table of Contents

General Owner's Information1
General Maintenance Information5-6
Owner Checks and Services7

Quality Care Maintenance8-12

Normal Schedule Trucks, Fullsize Vans & SUVs15-29

Normal Schedule Cars & Minivans30-42

Special Operating Conditions43-44
Exceptions45-46
Premium Gold Coolant Change Record47

General Owner's Information

Quality Care Maintenance

Normal Schedule Trucks, Fullsize Vans & SUVs

Normal Schedule Cars & Minivans

Special Operating Conditions & Exceptions

FIND YOUR WAY



Today's vehicles are more sophisticated than ever and need to be properly maintained to help ensure they operate at the highest level.

4 *Scheduled Maintenance*

GENERAL MAINTENANCE INFORMATION

Get the most from your vehicle with routine maintenance.

Routine maintenance is the best way to help ensure you get the performance, dependability, long life and resale value you expect from your vehicle. This is exactly why we've put together the Scheduled Maintenance Guide. Basically, it outlines what you need to do to your vehicle and when. The focus is on maintaining your vehicle while it's running great, which goes a long way toward preventing major repairs and expenses later.

Here are a few suggestions to help you get started on the road to routine maintenance:

- Familiarize yourself with your vehicle by going through your "Owner's Guide"
- Take a few minutes to review this handy Scheduled Maintenance Guide
- Make it a habit to use this guide to record scheduled maintenance
- Consider Quality Care Auto Service at your Ford, Lincoln and Mercury Dealership for all your vehicle's needs

Protect your warranty!

Routine maintenance is not only the best way to help keep your vehicle running great, it's also the best way to protect your warranty. While maintenance and repair services may be performed by you or by any automotive service provider you choose, it is your responsibility to see that all scheduled maintenance is performed and that the materials used meet Ford Engineering specifications. Failure to perform scheduled maintenance specified in this guide will invalidate warranty coverage on parts affected by the lack of maintenance. We can't stress enough how important it is to keep records of all maintenance. This guide will help you do just that. While Ford Motor Company will not deny a warranty claim simply because there is no documentation, **damage or failures due to a lack of proper maintenance or neglect are not covered under warranty.**

Keeping maintenance records is easy with the Scheduled Maintenance Guide.

It's important to document the maintenance of your vehicle. Every time you bring your vehicle in for scheduled maintenance, be sure to present this guide and certify the work. Also record the date of service, mileage at the time of service, and attach your receipt. Not only will this make record keeping easy, but also should your vehicle ever require warranty coverage, you will have all the documentation to show you've properly maintained it.

GENERAL MAINTENANCE INFORMATION

Determine which maintenance schedule to follow.

It's important to follow the maintenance schedule that most closely mirrors your driving habits and the conditions under which you drive. For this reason, the Scheduled Maintenance Guide is divided into two basic maintenance schedules: the "Normal Schedule" (further segmented into "Trucks, Fullsize Vans & SUVs" and "Cars & Minivans") and "Special Operating Conditions."

Determining which maintenance schedule is right for you is easy. For the most part, do you drive your Ford, Lincoln or Mercury vehicle under typical, everyday conditions? If so, follow the "Normal Schedule Trucks, Fullsize Vans & SUVs," or "Normal Schedule Cars & Minivans."

Special Operating Conditions:

If you feel you may not operate your vehicle under normal / everyday day conditions, but primarily under the special operating conditions outlined below, you will need to increase the frequency of some maintenance operations.

- Towing or carrying heavy loads
- Extensive idling and/or driving at low-speeds for long distances
- Driving in dusty conditions
- Off-road operation
- Use of E85 fuel 50% of the time or greater (flex fuel vehicles only)

Important: For further details and information regarding these special operating conditions see page 43.

Exceptions

There are some exceptions to all schedules for specific vehicles and special applications, outlined below. You will find further information under "Exceptions" on page 45

- Engine oil and Premium Gold coolant - time and mileage based interval
- Natural Gas and Propane Vehicles - fuel tank inspection intervals
- Class A Motorhome - change the brake fluid and automatic transmission fluid
- Normal vehicle axle - maintenance and lubrication
- Police and Taxi vehicle axles - maintenance and lubrication

Last of all, if you're unsure about which maintenance schedule to follow, ask your Ford, Lincoln or Mercury Dealership, or visit our website at www.ford.com, then go to the service pick.

OWNER CHECKS AND SERVICES

It is recommended that the following basic maintenance checks and inspections be performed at the designated time intervals. See owner's guide for more information.

General Owner's
Information

Check Every Month for All Vehicles:

- Check function of all interior and exterior lights.
- Check tires for wear and proper air pressure.
- Check air pressure in spare tire.
- Check engine oil fluid level.
- Check windshield washer solvent fluid level.

Check Every Six Months for All Vehicles:

- Check lap/shoulder belts and seat latches for wear and function.
- Check that externally mounted spare tire is tight (see Owner's Guide).
- Check power steering fluid level.
- Check washer spray, wiper operation, and clean all wiper blades (replace blades as necessary).
- Check parking brake for proper operation.
- Check and lubricate all hinges, latches, door check straps (see dealer) and outside locks.
- Check and lubricate upper and lower sliding door tracks, if equipped.
- Check and clean sliding door contact switches, if equipped.
- Check and lubricate door rubber weatherstrips.
- Check and clean body and door drain holes.
- Check safety warning lamps (brake, ABS, air bag, safety belt) for operation.
- Check cooling system fluid level and coolant strength.
- Check battery connections and clean if necessary.
- Check clutch fluid level, if equipped.

Check at 5,000 Miles:

- Adjust clutch by lifting pedal.
(manual transmission Mustang only – see Owner's Guide)

QUALITY CARE MAINTENANCE



When planning your maintenance services, consider Quality Care Auto Service at your Ford, Lincoln, and Mercury dealership for all your vehicle's needs.

Get the most from your service and maintenance visits with Quality Care Auto Service.

There are a lot of reasons why Quality Care Auto Service at your Ford, Lincoln or Mercury Dealership is a great way to help keep your vehicle running great.

Convenience

To make Quality Care Auto Service even more convenient, in many cases, you'll find extended evening hours and Saturday hours. How's that for quality service?

Factory-trained Technicians

Ford and Lincoln Mercury service technicians participate in extensive factory-sponsored training to help them become the experts on the operation of your vehicle. Many participate in Ford-sponsored training to become certified. Ask your dealer about the training and certification their technicians have received.

Genuine Ford and Motorcraft Replacement Parts

Ford and Lincoln Mercury dealerships stock Ford and Motorcraft branded replacement parts. These parts meet or exceed Ford Motor Company's specifications, and we stand behind them. Maintenance parts installed at your Ford or Lincoln Mercury dealership carry a nationwide, 12 months, 12,000 mile parts and labor limited warranty. Your dealer can give you details.

Value Shopping for Your Vehicle's Maintenance Needs

Your dealership recognizes the competitive landscape of maintenance and light repair automotive services. With factory-trained technicians, and one-stop service from routine maintenance like oil changes and tire rotations to repairs like brake service, check out the value your Ford and Lincoln Mercury dealers can offer.

QUALITY CARE MAINTENANCE

When parts on your vehicle need replacing, you should not settle for anything that does not meet Ford Motor Company's specifications. Motorcraft and Genuine Ford branded parts meet these specifications. You can find them at your Ford, Lincoln and Mercury Dealership. Look for the following brands as one way to ensure the parts you are putting on your vehicle meet the maintenance requirements.

**GENUINE
PARTS**



Quality Care
Maintenance



QUALITY CARE MAINTENANCE

Tires

Tire maintenance and replacement selection when necessary are critical to your vehicle's performance and helping keep you and your passengers safe. Make sure all tires and wheels are of the same size, type, tread design, brand and load-carrying capacity, because they can affect the safety and performance of your vehicle. When you need to replace your tires, consider visiting your Ford or Lincoln-Mercury dealership for name-brand tires and people who know your vehicle.

BFGoodrich
TIRES

Continental
TIRES

DUNLOP
TIRES

GENERAL TIRE

GOODYEAR

MICHELIN

PIRELLI

Republic

UNIROYAL

Batteries

The technicians at your Ford and Lincoln Mercury dealership can determine the health of your vehicle's battery during any service visit. The Motorcraft Tested Tough Max Series with its "long-life" design outlasted the competitive long-life batteries by up to 200%. That's one reason why we stand behind this battery with a national 3 year, free-replacement and prorated-cost thereafter up to 100 months with unlimited mileage. Should your battery need to be replaced, consider any one of the batteries that bear the Motorcraft name.



QUALITY CARE MAINTENANCE

Brakes

Technicians at your Ford or Lincoln Mercury dealer can install the right brake parts for your vehicle. Ford Original Equipment and Motorcraft replacement brake pads, shoes, rotors and drums meet the stringent standards of Ford Motor Company engineers.

In addition, all Ford Original Equipment replacement brake pads, shoes, rotors and drums are vehicle tested for durability and noise suppression while being Federal Motor Vehicle Safety Standard (FMVSS) compliant. The right brake parts and repair work is essential to ensure your vehicle operates as it should.



Quality Care
Maintenance

Oil & Lubricants

It is important to stick to a regular maintenance schedule for changing your vehicle's oil and lubricants. Motorcraft Oils and Lubricants meet the stringent standards set by Ford Motor Company. Motorcraft Oils are formulated to reduce engine friction, improve fuel economy, and protect against deposits and wear. The American Petroleum Industry certifies them, so you know Motorcraft oil stands up to the tests of both Ford and independent engineers.



Scheduled Maintenance 11

QUALITY CARE MAINTENANCE

COLLISION

An accident is an upsetting experience and collision repair is often complicated and confusing. Here are a few pointers to help you better understand the collision repair process and make sure your vehicle is properly repaired with the right parts. A properly repaired vehicle can help a vehicle retain its value.

Your rights as a consumer

As a consumer, you are within your rights to insist on original equipment replacement parts. These genuine parts are made by the manufacturer to meet stringent criteria for fit, finish, structural integrity, corrosion protection and dent resistance, just like the parts that were originally on your vehicle. Insist on genuine Ford replacement parts.

The collision shop

Many Ford, Lincoln, and Mercury Dealerships offer collision repair services. Ask your selling dealership about their capabilities to help with a collision repair.

Parts

Genuine Ford Collision Parts are designed, engineered, and warranted by Ford Motor Company. See your dealer for limited warranty details. They are manufactured to the same specifications as those on your vehicle when it was built. The right collision parts can help your vehicle better maintain its value.



MULTI-POINT INSPECTION

In order to keep your vehicle running right, it is important that you have the systems on your vehicle checked regularly. This can help identify any potential issue before there are any problems. Ford Motor Company suggests the following multi-point inspection to be performed at every scheduled maintenance as the way to ensure your vehicle keeps running great.

MULTI-POINT INSPECTION - Recommended at every visit

- Check and top up fluid levels:
 - brake
 - coolant recovery reservoir
 - manual and automatic transmission
 - power steering
 - window washer
- Inspect tires for wear and check air pressure, including spare.
- Check exhaust system for leaks, damage, loose parts and foreign material.
- Check battery performance.
- Check operation of horn, exterior lamps, turn signals and hazard warning lights.
- Check radiator, coolers, heater and air conditioning hoses.
- Inspect windshield washer spray and wiper operation.
- Check windshield for crack, chips and pitting.
- Inspect for oil and fluid leaks.
- Inspect air cleaner filter.
- Inspect half shaft dust boots, if equipped.
- Check shocks and struts and other suspension components for leaks and damage.

Quality Care
Maintenance

MULTI-POINT INSPECTION

If you are at your Ford, Lincoln, Mercury dealership for your vehicle maintenance, be sure to ask your expert technician about the Quality Care Report Card. It's a comprehensive way to perform a thorough inspection of your vehicle. It is your receipt that gives you immediate feedback! You'll know what's been checked, what's okay, as well as those things that may require future or immediate attention. The Quality Care Report Card is one more way to keep your vehicle running great!



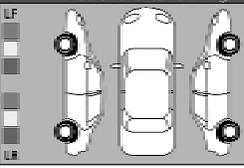
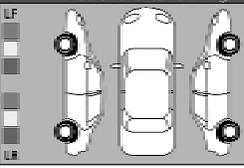
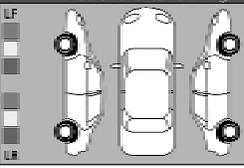


Multi-Point Inspection Report Card As Recommended by Ford Motor Company

Customer Name: _____ Year/Model: _____ Date: _____

ROI/Tag: _____ Mileage: _____

CHECKED AND OK AT THIS TIME
 MAY REQUIRE FUTURE ATTENTION
 REQUIRES IMMEDIATE ATTENTION

<p>Check Fluid Levels and Fill</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Windshield Washer</td> <td><input type="checkbox"/> Power Steering</td> </tr> <tr> <td><input type="checkbox"/> Transmission</td> <td><input type="checkbox"/> Coolant/Recovery Reservoir</td> </tr> <tr> <td><input type="checkbox"/> Brake Reservoir</td> <td></td> </tr> </table> <p>Check Exterior Systems/Components</p> <ul style="list-style-type: none"> <input type="checkbox"/> Operation of front, interior lights, exterior lamps, turn signal, hazard and brake lamps <input type="checkbox"/> Windshield washer spray, wiper operation and rubber blades <input type="checkbox"/> Windshield for cracks, chips and pitting <input type="checkbox"/> Radiation, heater, and air-conditioning/hoses for leaks and damage <input type="checkbox"/> Engine air cleaner filter <input type="checkbox"/> Oil and/or fuel leaks <input type="checkbox"/> Constant velocity (CV) drive axle boots (if equipped) <input type="checkbox"/> Exhaust system (leaks, damage, loose parts) <p>Steering and steering linkage</p> <ul style="list-style-type: none"> <input type="checkbox"/> Shocks/struts and other suspension components for noise and/or damage <input type="checkbox"/> Brake system (including lines, hoses, and parking brake) and wheel end for end play and bearing noise <input type="checkbox"/> Engine Cooling system, hoses and clamps <input type="checkbox"/> Accessory drive belt(s) <input type="checkbox"/> Clutch operation (if equipped) <p>Comments:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: center; font-size: small;">This Courtesy Inspection Completed by Your QualityCare Service Team!</p>	<input type="checkbox"/> Windshield Washer	<input type="checkbox"/> Power Steering	<input type="checkbox"/> Transmission	<input type="checkbox"/> Coolant/Recovery Reservoir	<input type="checkbox"/> Brake Reservoir		<p>Check Battery</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Acid</td> <td>Factory Spec. Cold Cranking Amps</td> <td><input type="checkbox"/> Acid</td> <td><input type="checkbox"/> Cell</td> </tr> <tr> <td><input type="checkbox"/> Package</td> <td>Actual Cold Cranking Amps</td> <td><input type="checkbox"/> Battery Terminals</td> <td>(Clean, corrosion)</td> </tr> </table> <p>Check Brakes Measure Front / Rear Brake Linings</p> <table style="width: 100%; text-align: center;"> <tr> <td>LF</td> <td></td> <td>RF</td> </tr> <tr> <td>LR</td> <td></td> <td>RR</td> </tr> </table> <p style="font-size: x-small;">Over 3mm or 1/32" (Disc) or Over 3mm or 5/32" (Drum) 5 to 6mm or 4/32" to 7/32" (Disc) or 1.8 to 2mm (Drum) or 3/32" to 4/32" Less than 3mm or 4/32" (Disc) or 1mm or 5/32" or less (Drum)</p> <p><input type="checkbox"/> Brake Measurements Not Taken This Service Visit</p> <p>Comments:</p> <p>_____</p>	<input type="checkbox"/> Acid	Factory Spec. Cold Cranking Amps	<input type="checkbox"/> Acid	<input type="checkbox"/> Cell	<input type="checkbox"/> Package	Actual Cold Cranking Amps	<input type="checkbox"/> Battery Terminals	(Clean, corrosion)	LF		RF	LR		RR
<input type="checkbox"/> Windshield Washer	<input type="checkbox"/> Power Steering																				
<input type="checkbox"/> Transmission	<input type="checkbox"/> Coolant/Recovery Reservoir																				
<input type="checkbox"/> Brake Reservoir																					
<input type="checkbox"/> Acid	Factory Spec. Cold Cranking Amps	<input type="checkbox"/> Acid	<input type="checkbox"/> Cell																		
<input type="checkbox"/> Package	Actual Cold Cranking Amps	<input type="checkbox"/> Battery Terminals	(Clean, corrosion)																		
LF		RF																			
LR		RR																			

Service Advisor: _____

Technician: _____ Customer Signature: _____

2110812 Rev. 8/02 Customer Copy XXX-XXXXXXXX

14 Scheduled Maintenance

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

5,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

10,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

15,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect automatic transmission fluid level, if equipped with dipstick. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings. <input type="checkbox"/> Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

Normal Schedule Trucks, Fullsize Vans & SUVs

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

20,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

25,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Drain coalescent fuel filter bowl and replace filter (natural gas).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:



Tires

When your tires need to be replaced, consider visiting your Ford or Lincoln Mercury dealership for name-brand tires and people who know your vehicle. And if your Ford or Lincoln-Mercury dealership sells the name-brand tire, they can also honor the tire manufacturer's warranty.

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

30,000 miles							
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect exhaust system and heat shields. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, halfshafts, driveshaft and u-joints. <input type="checkbox"/> Replace engine air filter. <input type="checkbox"/> Replace fuel filter (except natural gas) (see page 46). <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Change automatic transmission fluid on all vehicles equipped with 4R100. Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements. <input type="checkbox"/> Replace climate-controlled seat filters (Navigator, Expedition, and Aviator) if equipped. <input type="checkbox"/> Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings. <input type="checkbox"/> Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion). <input type="checkbox"/> Inspect fuel tanks (natural gas and propane only). <input type="checkbox"/> Multi-point inspection (recommended) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; padding: 5px;">DEALER VALIDATION:</td> </tr> <tr> <td style="padding: 5px;">RO#:</td> <td style="padding: 5px;">P&A CODE:</td> </tr> <tr> <td style="padding: 5px;">DATE:</td> <td style="padding: 5px;">MILEAGE:</td> </tr> </table>	DEALER VALIDATION:		RO#:	P&A CODE:	DATE:	MILEAGE:
DEALER VALIDATION:							
RO#:	P&A CODE:						
DATE:	MILEAGE:						

Normal Schedule Trucks, Fullsize Vans & SUVs

35,000 miles							
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; padding: 5px;">DEALER VALIDATION:</td> </tr> <tr> <td style="padding: 5px;">RO#:</td> <td style="padding: 5px;">P&A CODE:</td> </tr> <tr> <td style="padding: 5px;">DATE:</td> <td style="padding: 5px;">MILEAGE:</td> </tr> </table>	DEALER VALIDATION:		RO#:	P&A CODE:	DATE:	MILEAGE:
DEALER VALIDATION:							
RO#:	P&A CODE:						
DATE:	MILEAGE:						

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

40,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

45,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect automatic transmission fluid level, if equipped with dipstick.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace cabin air filter, if equipped.
- Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings.
- Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

50,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Drain coalescent fuel filter bowl and replace filter (natural gas only). <input type="checkbox"/> Clean injectors (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

55,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

Batteries

The technicians at your Ford and Lincoln Mercury dealership can determine the health of your vehicle's battery during any service visit. The Motorcraft Tested Tough Max Series with its "long-life" design outlasted the competitive long-life batteries by up to 200%. That's one reason why we stand behind this battery with a national 3 year, free-replacement and prorated-cost thereafter up to 100 months with unlimited mileage. Should your battery need to be replaced, consider any one of the batteries that bear the Motorcraft name.



Normal Schedule Trucks, Fullsize Vans & SUVs

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

60,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter.
- Replace fuel filter (except natural gas) (see page 46).
- Replace cabin air filter, if equipped.
- Change automatic transmission fluid on all vehicles equipped with 4R100.
Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements.
- Replace climate-controlled seat filters (Navigator, Expedition and Aviator) if equipped.
- Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings.
- Lubricate 4X2 wheel bearings, replace grease seals, and adjust bearings (if not sealed with bearings).
- Change manual transmission fluid.
- Inspect Fuel tanks (natural gas and propane only).
- Lubricate 4X4 front hub needle bearings (F Super Duty).
- Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

65,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

70,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

75,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect automatic transmission fluid level, if equipped with dipstick. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings. <input type="checkbox"/> Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion). <input type="checkbox"/> Drain coalescent fuel filter bowl and replace filter (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

Normal Schedule Trucks, Fullsize Vans & SUVs

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

80,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER AUTHORIZATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

85,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER AUTHORIZATION:

RO#:

P&A CODE:

DATE:

MILEAGE:



Brakes

Technicians at your Ford or Lincoln Mercury dealer can install the right brake parts for your vehicle. Ford Original Equipment and Motorcraft replacement brake pads, shoes, rotors, and drums meet the stringent standards of Ford Motor Company engineers.

In addition, all Ford Original Equipment replacement brake pads, shoes, rotors, and drums are vehicle tested for durability and noise suppression while being Federal Motor Vehicle Safety Standard (FMVSS) compliant. The right brake parts and repair work is essential to ensure your vehicle operates as it should.

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

90,000 miles					
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect exhaust system and heat shields. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace engine air filter. <input type="checkbox"/> Replace fuel filter (except natural gas) (see page 46). <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Change automatic transmission fluid on all vehicles equipped with 4R100. Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements. <input type="checkbox"/> Replace climate-controlled seat filters (Navigator, Expedition and Aviator) if equipped. <input type="checkbox"/> Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings. <input type="checkbox"/> Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion). <input type="checkbox"/> Inspect fuel tanks (natural gas and propane only). <input type="checkbox"/> Multi-point inspection (recommended) 	<p style="text-align: center; margin: 0;">DEALER VALIDATION:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">RO#:</td> <td style="width: 50%; border: none;">P&A CODE:</td> </tr> <tr> <td style="border: none;">DATE:</td> <td style="border: none;">MILEAGE:</td> </tr> </table>	RO#:	P&A CODE:	DATE:	MILEAGE:
RO#:	P&A CODE:				
DATE:	MILEAGE:				

Normal Schedule Trucks, Fullsize Vans & SUVs

95,000 miles					
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<p style="text-align: center; margin: 0;">DEALER VALIDATION:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">RO#:</td> <td style="width: 50%; border: none;">P&A CODE:</td> </tr> <tr> <td style="border: none;">DATE:</td> <td style="border: none;">MILEAGE:</td> </tr> </table>	RO#:	P&A CODE:	DATE:	MILEAGE:
RO#:	P&A CODE:				
DATE:	MILEAGE:				

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

100,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Inspect accessory drive belt(s).
- Replace spark plugs.
- Change Premium Gold coolant (see exceptions page 45 and record page 46).
- Replace PCV valve on all light trucks under 6,000 Gross Vehicle Weight (except 5.4L 3V engines).
- Drain coalescent fuel filter bowl and replace filter (natural gas only).
- Clean injectors (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

105,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect automatic transmission fluid level, if equipped with dipstick.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace cabin air filter, if equipped.
- Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings.
- Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

110,000 miles					
<input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> DEALER VALIDATION: </div> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">RO#:</td> <td style="border: none;">P&A CODE:</td> </tr> <tr> <td style="border: none;">DATE:</td> <td style="border: none;">MILEAGE:</td> </tr> </table>	RO#:	P&A CODE:	DATE:	MILEAGE:
RO#:	P&A CODE:				
DATE:	MILEAGE:				

115,000 miles					
<input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> DEALER VALIDATION: </div> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">RO#:</td> <td style="border: none;">P&A CODE:</td> </tr> <tr> <td style="border: none;">DATE:</td> <td style="border: none;">MILEAGE:</td> </tr> </table>	RO#:	P&A CODE:	DATE:	MILEAGE:
RO#:	P&A CODE:				
DATE:	MILEAGE:				

Normal Schedule Trucks, Fullsize Vans & SUVs



Oil & Lubricants

It is important to stick to a regular maintenance schedule for changing your vehicle's oil and lubricants. Motorcraft Oils and Lubricants meet the stringent standards set by Ford Motor Company. Motorcraft Oils are formulated to reduce engine friction, improve fuel economy, and protect against deposits and wear. The American Petroleum Industry certifies them, so you know Motorcraft oil stands up to the tests of both Ford and independent engineers.

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

120,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter.
- Replace fuel filter (except natural gas) (see page 46).
- Replace cabin air filter, if equipped.
- Replace PCV on all light trucks over 6,000 Gross Vehicle Weight (except 5.4L 3V engine, see your dealer).
- Change automatic transmission fluid on all vehicles equipped with 4R100. Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements.
- Replace climate-controlled seat filters (Navigator, Expedition, and Aviator) if equipped.
- Change manual transmission fluid.
- Lubricate 4X2 wheel bearings, replace grease seals, and adjust bearings (if not equipped with sealed bearings).
- Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings.
- Lubricate 4X4 front hub needle bearings (F Super Duty).
- Replace camshaft belt on 4 cylinder engine (2.0L Escape).
- Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion).
- Inspect fuel tanks (natural gas and propane only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

125,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Drain coalescent fuel filter bowl and replace filter (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

130,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

135,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect automatic transmission fluid level, if equipped with dipstick. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings. <input type="checkbox"/> Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

Normal Schedule Trucks, Fullsize Vans & SUVs

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

140,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

145,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:



Brakes

Technicians at your Ford or Lincoln Mercury dealer can install the right brake parts for your vehicle. Ford Original Equipment and Motorcraft replacement brake pads, shoes, rotors, and drums meet the stringent standards of Ford Motor Company engineers.

In addition, all Ford Original Equipment replacement brake pads, shoes, rotors, and drums are vehicle tested for durability and noise suppression while being Federal Motor Vehicle Safety Standard (FMVSS) compliant. The right brake parts and repair work is essential to ensure your vehicle operates as it should.

NORMAL SCHEDULE TRUCKS, FULLSIZE VANS & SUVs

150,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Change Premium Gold coolant (see exceptions page 45 and record page 47).
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter.
- Replace fuel filter (see page 46).
- Replace cabin air filter, if equipped.
- Change automatic transmission/transaxle fluid and filter.
- Change rear axle lubricant on all rear wheel drive (RWD) vehicles (see pages 44 and 46).
- Replace accessory drive belt(s) (if not replaced within last 100,000 miles).
- Replace climate-controlled seat filters (Navigator, Expedition, and Aviator) if equipped.
- Inspect PCV for flow (5.4L 3V engines).
- Lubricate 4X2 ball joints and steering linkage if equipped with zerk fittings.
- Replace 4X2 wheel bearings and grease seals, lubricate and adjust bearings.
- Inspect and lubricate 4X4 front axle shaft u-joints (F250/350/450/550 and Excursion).
- Change front axle lubricant (4X4 only).
- Change transfer case fluid (4X4 only).
- Inspect fuel tanks (natural gas and propane only).
- Drain coalescent fuel filter bowl (natural gas only).
- Clean injectors (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A Code:

DATE:

MILEAGE:

Normal Schedule
Trucks, Fullsize
Vans & SUVs

NORMAL SCHEDULE CARS & MINIVANS

5,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

10,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

15,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect automatic transmission fluid level, if equipped with dipstick.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace cabin air filter, if equipped.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

NORMAL SCHEDULE CARS & MINIVANS

20,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

25,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Drain coalescent fuel filter bowl and replace filter (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>



Tires

Tire maintenance and replacement selection when necessary are critical to your vehicle's performance and helping keep you and your passengers safe. Make sure all tires and wheels are of the same size, type, tread design, brand and load-carrying capacity, because they can affect the safety and performance of your vehicle. When you need to replace your tires, consider visiting your Ford or Lincoln-Mercury dealership for name-brand tires and people who know your vehicle.

**Normal Schedule
Cars & Minivans**

NORMAL SCHEDULE CARS & MINIVANS

30,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter (not required PZEV Focus).
- Replace fuel filter (except natural gas) (see page 46).
- Replace cabin air filter, if equipped.
- Change automatic transaxle fluid on all vehicles equipped with 4F50N or 4F27E. Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements.
- Replace climate-controlled seat filters (LS, Freestar, and Monterey) if equipped.
- Inspect fuel tanks (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: P&A CODE:
DATE: MILEAGE:

35,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: P&A CODE:
DATE: MILEAGE:

NORMAL SCHEDULE CARS & MINIVANS

40,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

45,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect automatic transmission fluid level, if equipped with dipstick. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

50,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Drain coalescent fuel filter bowl and replace filter (natural gas only). <input type="checkbox"/> Clean injectors (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

Normal Schedule
Cars & Minivans

NORMAL SCHEDULE CARS & MINIVANS

55,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

60,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter (not required PZEV Focus).
- Replace fuel filter (except natural gas) (see page 46).
- Replace cabin air filter, if equipped.
- Change automatic transaxle fluid on all vehicles equipped with 4F50N or 4F27E. Inspect automatic transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements.
- Replace climate-controlled seat filters (LS, Freestar, and Monterey) if equipped.
- Inspect fuel tanks (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

NORMAL SCHEDULE CARS & MINIVANS

65,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

70,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

75,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect automatic transmission fluid level, if equipped with dipstick. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Check air filter minder, replace filter as required (Focus PZEV engine). <input type="checkbox"/> Drain coalescent fuel filter bowl and replace filter (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DEALER VALIDATION:</p> <p>RO#: P&A CODE:</p> <p>DATE: MILEAGE:</p> </div>

Normal Schedule
Cars & Minivans

NORMAL SCHEDULE CARS & MINIVANS

80,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

85,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:



Brakes

Technicians at your Ford or Lincoln Mercury dealer can install the right brake parts for your vehicle. Ford Original Equipment and Motorcraft replacement brake pads, shoes, rotors, and drums meet the stringent standards of Ford Motor Company engineers.

In addition, all Ford Original Equipment replacement brake pads, shoes, rotors, and drums are vehicle tested for durability and noise suppression while being Federal Motor Vehicle Safety Standard (FMVSS) compliant. The right brake parts and repair work is essential to ensure your vehicle operates as it should.

NORMAL SCHEDULE CARS & MINIVANS

90,000 miles					
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear and rotate. <input type="checkbox"/> Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system. <input type="checkbox"/> Inspect wheel ends for endplay and noise. <input type="checkbox"/> Inspect engine cooling system and hoses. <input type="checkbox"/> Inspect exhaust system and heat shields. <input type="checkbox"/> Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints. <input type="checkbox"/> Replace engine air filter (not required PZEV Focus). <input type="checkbox"/> Replace fuel filter (except natural gas) (see page 46). <input type="checkbox"/> Replace cabin air filter, if equipped. <input type="checkbox"/> Change automatic transaxle fluid on all vehicles equipped with 4F50N or 4F27E. Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements. <input type="checkbox"/> Replace climate-controlled seat filters (LS, Freestar, and Monterey) if equipped. <input type="checkbox"/> Inspect fuel tanks (natural gas only). <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>DEALER VALIDATION:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">RO#:</td> <td style="width: 50%; border: none;">P&A CODE:</td> </tr> <tr> <td style="border: none;">DATE:</td> <td style="border: none;">MILEAGE:</td> </tr> </table> </div>	RO#:	P&A CODE:	DATE:	MILEAGE:
RO#:	P&A CODE:				
DATE:	MILEAGE:				

95,000 miles					
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>DEALER VALIDATION:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">RO#:</td> <td style="width: 50%; border: none;">P&A CODE:</td> </tr> <tr> <td style="border: none;">DATE:</td> <td style="border: none;">MILEAGE:</td> </tr> </table> </div>	RO#:	P&A CODE:	DATE:	MILEAGE:
RO#:	P&A CODE:				
DATE:	MILEAGE:				

Normal Schedule
Cars & Minivans

NORMAL SCHEDULE CARS & MINIVANS

100,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Inspect accessory drive belt(s).
- Replace spark plugs.
- Change Premium Gold coolant (see exceptions page 45 and record page 47).
- Replace PCV valve on all cars under 6,000 Gross Vehicle Weight.
- Drain coalescent fuel filter bowl and replace filter (natural gas only).
- Clean injectors (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

105,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect automatic transmission fluid level, if equipped with dipstick.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace cabin air filter, if equipped.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

110,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:	P&A CODE:
DATE:	MILEAGE:

NORMAL SCHEDULE CARS & MINIVANS

115,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

120,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter (not required PZEV Focus).
- Replace fuel filter (except natural gas) (see page 46).
- Replace cabin air filter, if equipped.
- Replace PCV on all cars over 6,000 Gross Vehicle Weight.
- Change automatic transaxle fluid on all vehicles equipped with 4F50N or 4F27E. Inspect automatic transmission/transaxle fluid level on all other vehicles, if equipped with dipstick. Consult your dealer for your particular requirements.
- Replace camshaft belt on all 2.0L, 4 cylinder engines (Focus).
- Replace climate-controlled seat filters (LS, Freestar, and Monterey) if equipped.
- Inspect fuel tanks (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#: _____ P&A CODE: _____
 DATE: _____ MILEAGE: _____

Normal Schedule
Cars & Minivans

NORMAL SCHEDULE CARS & MINIVANS

125,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Drain coalescent fuel filter bowl and replace filter (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

130,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear. Rotation recommended for optimal tire life.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

135,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect automatic transmission fluid level, if equipped with dipstick.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace cabin air filter, if equipped.
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

NORMAL SCHEDULE CARS & MINIVANS

140,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center; margin: 0;">DEALER VALIDATION:</p> </div> <p style="margin: 0;">RO#: P&A CODE:</p> <p style="margin: 0;">DATE: MILEAGE:</p>

145,000 miles	
<ul style="list-style-type: none"> <input type="checkbox"/> Change engine oil and replace oil filter. <input type="checkbox"/> Inspect tires for wear. Rotation recommended for optimal tire life. <input type="checkbox"/> Multi-point inspection (recommended) 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center; margin: 0;">DEALER VALIDATION:</p> </div> <p style="margin: 0;">RO#: P&A CODE:</p> <p style="margin: 0;">DATE: MILEAGE:</p>



Batteries

The technicians at your Ford and Lincoln Mercury dealerships can determine the health of your vehicle's battery during any service visit. The Motorcraft Tested Tough Max Series with its "long-life" design outlasted the competitive long-life batteries by up to 200%. That's one reason why we stand behind this battery with a national 3 year, free-replacement and prorated-cost thereafter up to 100 months with unlimited mileage. Should your battery need to be replaced, consider any one of the batteries that bear the Motorcraft name

Normal Schedule
Cars & Minivans

NORMAL SCHEDULE CARS & MINIVANS

150,000 miles

- Change engine oil and replace oil filter.
- Inspect tires for wear and rotate.
- Inspect brake pads/shoes/rotors/drums, brake lines & hoses, and parking brake system.
- Inspect wheel ends for endplay and noise.
- Inspect engine cooling system and hoses.
- Change Premium Gold coolant (see exceptions page 45 and record page 47).
- Inspect exhaust system and heat shields.
- Inspect steering linkage, ball joints, suspension and, if equipped, half shafts, driveshaft and u-joints.
- Replace engine air filter (except PZEV Focus see below).
- Check air filter minder, replace filter as required (Focus PZEV engine).
- Replace fuel filter (see page 46).
- Replace cabin air filter, if equipped.
- Change automatic transmission/transaxle fluid and filter.
- Change rear axle lubricant on all rear wheel drive (RWD) vehicles (see pages 44 and 46).
- Replace accessory drive belt(s) (if not replaced within last 100,000 miles).
- Replace climate-controlled seat filters (LS, Freestar, and Monterey) if equipped.
- Inspect fuel tanks (natural gas only).
- Drain coalescent fuel filter bowl (natural gas only).
- Clean injectors (natural gas only).
- Multi-point inspection (recommended)

DEALER VALIDATION:

RO#:

P&A CODE:

DATE:

MILEAGE:

SPECIAL OPERATING CONDITIONS

Special Operating Conditions

Items Needing Special Attention

If you operate your Ford/Lincoln/Mercury **primarily** in one of the more demanding “**Special Operating Conditions**” listed below, you will need to have some items maintained more frequently. If you only **occasionally** operate your vehicle under these conditions, it is not necessary to perform the additional maintenance. For specific recommendations, see your dealership service advisor or qualified service professional.

Towing a trailer or using a camper or car-top carrier

Every 3,000 miles or 3 months	Change engine oil and replace oil filter
Every 30,000 miles	Change automatic transmission fluid Lubricate 4X4 front hub needle bearing (F Super Duty)
Every 60,000 miles	Change transfer case fluid Change rear axle fluid if equipped with XY-75W90-FEHP
As required	Change manual transmission fluid
As required	Inspect and lubricate U-joints

Extensive idling and/or low-speed driving for long distances as in heavy commercial use such as delivery, taxi, patrol car or livery

Every 3,000 miles, 3 months or 200 hours of engine operation	Change engine oil and replace oil filter
Every 3,000 miles or 3 months	Lube front lower control arm and steering linkage ball joints with zerk fittings, if equipped
Every 5,000 miles	Inspect brake system Check battery electrolyte level (Patrol Cars)
Every 15,000 miles	Replace fuel filter
Every 30,000 miles	Change automatic transmission fluid Lubricate 4X2 wheel bearings, replace grease seals, and adjust bearings
Every 60,000 miles	Replace spark plugs Change transfer case fluid
As required	Replace cabin air filter

Special Operating
Conditions &
Exceptions

SPECIAL OPERATING CONDITIONS

Operating in dusty conditions such as unpaved or dusty roads

Every 3,000 miles or 3 months	Change engine oil and replace oil filter
Every 15,000 miles	Replace fuel filter
Every 30,000 miles	Change automatic transmission fluid
	Check air filter minder, replace filter as required (Focus PZEV engine)
Every 50,000 miles	Change rear axle lubricant (E and F series 450 and 550 only)
Every 60,000 miles	Change transfer case fluid
As required	Replace engine air filter
As required	Replace cabin air filter

Off-road operation

Every 15,000 miles	Lubricate 4X4 front hub needle bearings (F Super Duty)
Every 30,000 miles	Change automatic transmission fluid
Every 50,000 miles	Change rear axle lubricant (E and F series 450 and 550 only)
Every 60,000 miles	Change transfer case fluid
As required	Replace cabin air filter
As required	Inspect and lubricate U-joints
As required	Inspect and lubricate steering linkage ball joints with zerk fittings

Use of E85 50% of the time or greater (flex fuel vehicles only)

Every 3,000 miles or 3 months	Change engine oil and replace oil filter
Every 60,000 miles	Replace spark plugs

EXCEPTIONS

In addition, there are several exceptions to the Normal Schedule. They are listed below:

Maximim Oil Change Interval

- Normal Schedule: 5,000 miles or 6 months, whichever occurs first.
- Special Operating Conditions: 3,000 miles, 3 months, or 200 hours of engine operation, whichever occurs first see appropriate schedule on pages 43-44.

Premium Gold coolant

- 5 years or 100,000 miles - change Premium Gold coolant (whichever comes first)
- After initial change - change Premium Gold coolant every 3 years or 50,000 miles (see page 47)

Natural Gas and Propane Vehicles

- Every 3 years from the date of tank manufacture - Inspect NGV fuel tanks
- Every 5 years from vehicle build date - Inspect propane fuel tanks
- Every 15 years from the date of tank manufacture - Replace NGV fuel tanks

Class A Motorhome

- Every two years - Change brake fluid
- Every 30,000 miles - Change automatic transmission fluid

Special Operating
Conditions &
Exceptions

EXCEPTIONS

Normal Vehicle Axle Maintenance

- ❑ Rear axles and power take off (PTO) units containing synthetic lubricant and light duty trucks equipped with Ford-design axles are lubricated for life. These lubricants are not to be checked or changed unless a leak is suspected, service is required or the axle assembly has been submerged in water. The axle and PTO lubricant should be changed anytime the axle and PTO have been submerged in water. Non-synthetic rear axle lubricants should be replaced every 3,000 miles or 3 months, whichever occurs first, during extended trailer tow operation above 21 Celsius (70 degrees Fahrenheit) ambient and wide open throttle for extended periods above 45 mph. The 3,000 mile lube change interval may be waived if the axle was filled with 75W140 synthetic gear lubricant meeting Ford specification WSL-M2C192-A, part number FITZ-19580-B or equivalent. Add four ounces of additive friction modifier C8AZ-19B546-A (EST-M2C118-A) or equivalent for complete refill of Traction-Lok rear axles. The axle lubricant should be changed anytime an axle has been submerged in water.

Police and Taxi Vehicle Axle Maintenance

- ❑ Replace rear axle lubricant every 100,000 miles. Rear axle lubricant change may be waived if the axle was filled with 75W140 synthetic gear lubricant meeting Ford specification WSL-M2C192-A, part number FITZ-19580-B or equivalent. Add four ounces of additive friction modifier C8AZ-19B546-A (EST-M2C118-A) or equivalent for complete refill of Traction-Lok rear axles. The axle lubricant should be changed anytime an axle has been submerged in water.

E and F 450 and 550 Series Axle Maintenance

- ❑ Replace rear axle lubricant every 100,000 miles under normal driving conditions on all E and F 450 and 550 series applications. For E and F 450 and 550 series vehicles operated at or near maximum Gross Vehicle Weights, the rear axle lubricant should be replaced every 50,000 miles. In addition, this 50,000 mile schedule should be observed when the vehicles are operated under the Special Operating Conditions, where noted, on pages 43-44.

California Fuel Filter Replacement

- ❑ If vehicle is registered in California, the California Air Resources Board has determined that the failure to perform this maintenance item will not nullify the emission warranty or limit recall liability prior to the completion of the vehicle's useful life. We, however, urge that all recommended maintenance services be performed at the indicated intervals and the maintenance be recorded.

PREMIUM GOLD COOLANT CHANGE RECORD

Date: —\—\— 3 Years + 3 Next Date or Current Mileage: 50,000 Miles + 50,000 Next Mileage:	Dealer's Stamp:
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Date: —\—\— 3 Years + 3 Next Date or Current Mileage: 50,000 Miles + 50,000 Next Mileage:	Dealer's Stamp:
--	-----------------

Date: —\—\— 3 Years + 3 Next Date or Current Mileage: 50,000 Miles + 50,000 Next Mileage:	Dealer's Stamp:
--	-----------------

Date: —\—\— 3 Years + 3 Next Date or Current Mileage: 50,000 Miles + 50,000 Next Mileage:	Dealer's Stamp:
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**Special Operating
Conditions &
Exceptions**

Additional Information Available on the Web

To learn more about the importance of routine and dealer performed maintenance on your vehicle, please visit the Ford Customer Service website. You'll also find important warranty information, customer assistance, technical expertise, frequently asked questions and much more. The website location is at: www.ford.com/ then go to the service pick at the site.