

SECTION 00-03 Maintenance and Lubrication

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VEHICLE APPLICATION

Capri.

MAINTENANCE

The Maintenance Schedule lists the items required to maintain the vehicle emission systems at levels determined by the Federal Government (Environmental Protection Agency). Following is an index to a number of Maintenance Procedures, each of which is related to an item listed on the maintenance schedule. Use these procedures to perform the required emission system maintenance items listed on the maintenance schedules.


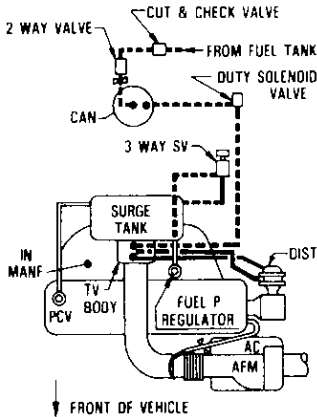
Maintenance service adjustments must conform to specifications contained here, listed in the Specifications Manual or shown on the Vehicle Emission Control Information Decal, or the emissions system may become inoperative.

WARNING: BEFORE STARTING THE ENGINE TO PERFORM MAINTENANCE, ENSURE THE TRANSAXLE SELECTOR IS IN THE PARK POSITION (AUTOMATIC TRANSAXLE), OR THE NEUTRAL POSITION (MANUAL TRANSAXLE), THE PARKING BRAKE IS SET AND THE WHEELS ARE BLOCKED.

MAINTENANCE (Continued)

Vehicle Emission Control Information Decal

Vacuum hoses on the engine use a color stripe to aid in hose routing checks. The stripe will usually be the same color as on the Vehicle Emission Control Information (VECI) decal, but the correct vacuum hose routing must be verified by using the correct component connections shown on the VECI decal.

VEHICLE EMISSION CONTROL INFORMATION  FORD MOTOR COMPANY		VACUUM HOSE ROUTING DIAGRAM	
<p>THIS VEHICLE IS EQUIPPED WITH ELECTRONIC FUEL INJECTION. IDLE MIXTURE, COLD ENGINE IDLE SPEED AND COLD ENGINE FUEL ENRICHMENT ARE NOT ADJUSTABLE.</p> <p>SET PARKING BRAKE AND BLOCK WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. ACCESSORIES AND HEADLIGHTS OFF.</p> <p>IGNITION TIMING—TRANSMISSION IN NEUTRAL</p> <p>(1) TURN OFF ENGINE</p> <p>(2) DISCONNECT THE WHITE ELECTRICAL CONNECTOR ON DISTRIBUTOR.</p> <p>(3) DISCONNECT AND PLUG DISTRIBUTOR VACUUM LINE.</p> <p>(4) RE-START PREVIOUSLY WARMED-UP ENGINE</p> <p>(5) ADJUST IGNITION TIMING TO 2° BTDC.</p> <p>(6) TURN OFF ENGINE. RECONNECT ELECTRICAL AND VACUUM CONNECTIONS.</p> <p>IDLE SPEED — WITH SHIFT LEVER IN NEUTRAL FOR MANUAL TRANS AND IN PARK FOR AUTO TRANS. ADJUST IDLE SPEED TO 850RPM.</p> <p>BY PASS ADJUST SCREW IS PRESET AND SEALED AT FACTORY.</p> <p>FOR DETAILED MAINTENANCE INFORMATION, REFER TO SERVICE MANUAL.</p> <p>THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1992 MODEL YEAR NEW MOTOR VEHICLES INTRODUCED INTO COMMERCE SOLELY FOR SALE IN CALIFORNIA.</p>			
90JA-9C485-CB	CATALYST	SPARK PLUG <u>AGSP-32 C</u> GAP .039" - .043" (1.0 - 1.1mm) 1.6L-1HA MFM1.6V5FYC2 (TWC SMPI 02S)	

A14340-B

MAINTENANCE SCHEDULE AND RECORD LOG

General Maintenance Information

The required Scheduled Maintenance Services listed in this chapter are considered essential to the proper operation, safety and performance of your FORD MOTOR COMPANY vehicle. We recommend that you also perform the Owner Maintenance Checks listed. These services are matters of day-to-day care that are also important to the proper operation of your vehicle. The recommended lubricants, fluids and service parts conforming to Ford Specifications are available from your dealer.

Maintenance: an investment

An investment which will pay dividends in the form of improved reliability, durability, and resale value.

TO ASSURE THE DURABILITY OF YOUR VEHICLE AND ITS EMISSION CONTROL SYSTEMS IT IS NECESSARY THAT SCHEDULED MAINTENANCE BE PERFORMED AT THE DESIGNATED INTERVALS.

FORD RECOMMENDS THE USE OF GENUINE FORD REPLACEMENT PARTS. YOU MAY, HOWEVER, ELECT TO HAVE MAINTENANCE, REPLACEMENT, OR REPAIR OF THE EMISSIONS CONTROL DEVICES AND SYSTEMS (THE COST OF WHICH IS NOT COVERED BY WARRANTY) PERFORMED BY ANY AUTOMOTIVE REPAIR ESTABLISHMENT OR INDIVIDUAL AND MAY ELECT TO USE OTHER THAN FORD SERVICE PARTS FOR SUCH MAINTENANCE OR REPAIR. IF OTHER THAN FORD OR MOTORCRAFT PARTS OR FORD AUTHORIZED, REMANUFACTURED PARTS ARE USED FOR MAINTENANCE REPLACEMENTS OR FOR THE SERVICE OF COMPONENTS AFFECTING EMISSIONS CONTROL, THE OWNER SHOULD ASSURE HIMSELF THAT SUCH PARTS ARE WARRANTED BY THEIR MANUFACTURER TO BE EQUIVALENT TO GENUINE FORD MOTOR COMPANY PARTS IN PERFORMANCE AND DURABILITY. PLEASE CONSULT YOUR WARRANTY BOOKLET FOR COMPLETE WARRANTY INFORMATION.

MAINTENANCE SCHEDULE AND RECORD LOG (Continued)

WHAT MAINTENANCE SCHEDULE DO YOU FOLLOW?

SCHEDULES ARE BASED ON HOW YOU DRIVE YOUR VEHICLE.

Schedule A

Follow Maintenance **Schedule A** if your driving habits **MAINLY** include one or more of the following conditions:

- Short trips of **less** than 10 miles (16 km) when outside temperatures remain below freezing.
- Operating during **hot weather** in stop-and-go "rush hour" traffic.
- Towing a trailer or using a car-top carrier.
- Operating in severe dust conditions.
- Extensive idling, such as police, taxi or door-to-door delivery service.

Schedule B

Follow Maintenance **Schedule B** if, generally, you drive your vehicle on a daily basis for more than 10 miles (16 km) and **NONE OF THE CONDITIONS NOTED ABOVE APPLY TO YOUR DRIVING HABITS.**

Schedule A

SERVICE INTERVALS — PERFORM AT THE DISTANCES OR MONTHS SHOWN, WHICHEVER OCCURS FIRST.

NOTE: *Items for Emission Control Service are shown in this type and style.*

FOR ITEMS MARKED WITH A NUMBER IN PARENTHESES SUCH AS (1), SEE FOOTNOTE AT THE END OF THIS SECTION.

NOTE: Schedule A provides maintenance intervals for replacing your air cleaner filter if you drive in severe dust conditions. However, the conditions you drive in may require even more frequent air cleaner replacement intervals than those shown. Check with your Dealer.

ONCE A YEAR

- *Check engine coolant protection, hoses and clamps.*

3,000 MILES (4 800 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*

6,000 MILES (9 600 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- Rotate tires.

9,000 MILES (14 400 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*

12,000 MILES (19 200 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*

15,000 MILES (24 000 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- *Replace spark plugs: Turbocharged. (4)*
- *Replace PCV valve.*
- *Inspect air cleaner filter. (5)*
- *Inspect front and rear disc brakes.*
- *Inspect steering operations, gear housing and rack seal boots.*

18,000 MILES (28 800 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*

21,000 MILES (33 600 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- Rotate tires.

24,000 MILES (38 400 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*

27,000 MILES (43 200 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*

30,000 MILES (48 000 Kilometers)

- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- *Replace PCV valve.*
- *Replace engine coolant every 30,000 miles or 36 months.*
- *Replace spark plugs (Turbocharged and Non-Turbocharged).*
- *Inspect accessory drive belt(s).*
- *Replace air cleaner element. (1)*
- *Check engine idle speed. (4)*
- *Inspect exhaust system heat shield.*
- *Change automatic transaxle fluid. (2)*
- *Inspect front and rear disc brakes.*
- *Inspect seat belts, buckles, retractors and anchors.*
- *Inspect steering linkage, rack guides and tie rod ends.*
- *Inspect clutch pedal operation.*
- *Tighten bolts and nuts on chassis and body.*
- *Inspect steering operations, gear housing and rack seal boots.*
- *Inspect half shaft dust boots.*
- *Inspect fuel lines. (2)*
- *Inspect brake lines, connections and hoses.*

MAINTENANCE SCHEDULE AND RECORD LOG (Continued)

- Lubricate rear wheel bearings.
 - Inspect front suspension ball joints.
 - Inspect bolts and nuts on chassis and body.
- 33,000 MILES (52 800 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- 36,000 MILES (57 600 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
 - Rotate tires.
- 39,000 MILES (62 400 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- 42,000 MILES (67 200 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- 45,000 MILES (72 000 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
 - Replace PCV valve.
 - Replace spark plugs (Turbocharged). (4)
 - Inspect front and rear disc brakes.
 - Inspect air cleaner filter. (5)
 - Inspect steering operations, gear housing and rack seal boots.
- 48,000 MILES (76 800 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- 51,000 MILES (81 600 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
 - Rotate tires.
- 54,000 MILES (86 400 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- 57,000 MILES (91 200 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
- 60,000 MILES (96 000 Kilometers)**
- *Change engine oil and oil filter every 3,000 miles or 3 months.*
 - Replace PCV valve.
 - Replace engine coolant every 30,000 miles or 36 months.
 - Replace spark plugs (Turbocharged and Non-Turbocharged).
 - Inspect accessory drive belt(s).
 - Replace air cleaner element. (1)

- Check engine idle speed. (4)
 - Inspect exhaust system heat shield.
 - Change automatic transaxle fluid. (2)
 - Inspect front and rear disc brakes.
 - Replace fuel filter.
 - Replace engine timing belt.
 - Inspect seat belts, buckles, retractors and anchors.
 - Inspect steering linkage, rack guides and tie rod ends.
 - Tighten bolts and nuts on chassis and body.
 - Inspect steering operations, gear housing and rack seal boots.
 - Inspect fuel lines.
 - Lubricate rear wheel bearings.
 - Inspect clutch pedal operation.
 - Inspect half shaft dust boots.
 - Inspect brake lines, connections and hoses.
 - Inspect front suspension ball joints.
 - Inspect steering operation and linkage.
- (1) If operating in severe dust, more frequent intervals may be required. Consult your dealer.
 - (2) Recommended, but not required.
 - (3) Change automatic transaxle fluid if your driving habits frequently include one or more of the following conditions:
 - Operation during hot weather (above 90°F, 32°C), carrying heavy loads and in hilly terrain.
 - Police, taxi or door-to-door delivery service.
 - (4) This item not required to be performed, however Ford recommends that you perform maintenance on this item in order to achieve best vehicle operation. Failure to perform this recommended maintenance will not invalidate the vehicle emissions warranty or manufacturer recall liability.
 - (5) This maintenance is required in all states except California. However, we recommend that it also be performed on California vehicles.

Schedule B

SERVICE INTERVALS — PERFORM AT THE MONTHS OR DISTANCES SHOWN, WHICHEVER OCCURS FIRST.

NOTE: *Items for Emission Control Service are shown in this type style.*

FOR ITEMS MARKED WITH NUMBER IN PARENTHESES SUCH AS (1), SEE FOOTNOTE AT THE END OF THIS SECTION.

ONCE A YEAR

- Check engine coolant protection, hoses and clamps.

MAINTENANCE SCHEDULE AND RECORD LOG (Continued)

Turbocharged Vehicles

- *Replace engine oil and oil filter—every 5,000 miles (8,000 km) or 6 months whichever occurs first.*

7,500 MILES (12 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- Rotate tires.

15,000 MILES (24 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- *Replace spark plugs (Turbocharged). (3)*

- *Inspect front and rear disc brakes.*

22,500 MILES (36 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- Rotate tires.

30,000 MILES (48 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- *Replace engine coolant every 30,000 miles or 36 months.*

- *Replace spark plugs (Turbocharged and Non-Turbocharged).*

- *Inspect accessory drive belt(s).*

- *Replace air cleaner element. (1)*

- Inspect front and rear disc brakes.

- Inspect exhaust system heat shield.

- Inspect front and rear disc brakes.

- Inspect safety belt buckles, retractors and anchors.

- Inspect steering linkage rack guides and tie rod ends.

- Tighten bolts and nuts on chassis and body.

- *Inspect steering operations, gear housing and rack seal boots.*

- Inspect fuel lines. (2)

- Lubricate rear wheel bearings.

- Inspect half shaft dust boots.

- Inspect front suspension ball joints.

- Inspect brake lines and connections.

- Inspect bolt and nuts on chassis and body.

- *Check engine idle speed. (3)*

- Inspect clutch pedal operation.

37,500 MILES (60 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- Rotate tires.

45,000 MILES (72 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- *Inspect front and rear disc brakes.*

- *Replace spark plugs (Turbocharged). (3)*

52,500 MILES (84 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- Rotate tires.

60,000 MILES (96 000 Kilometers)

- *Change engine oil and oil filter every 7,500 miles or 6 months.*

- *Replace engine coolant every 30,000 miles or 36 months.*

- *Replace spark plugs (Turbocharged and Non-Turbocharged).*

- *Inspect accessory drive belt(s).*

- *Replace air cleaner element. (1)*

- Inspect exhaust system heat shield.

- *Replace fuel filter.*

- *Check engine idle speed. (3)*

- *Replace engine timing belt.*

- Inspect front and rear disc brakes.

- Inspect safety belt buckles, retractors and anchors.

- Inspect steering linkage rack guides and tie rod ends.

- Tighten bolts and nuts on chassis and body.

- Inspect steering operations, gear housing and rack seal boots.

- Inspect fuel lines. (2)

- Lubricate rear wheel bearings.

- Inspect half shaft dust boots.

- Inspect front suspension ball joints.

- Inspect brake lines and connections.

- Inspect bolts and nuts on chassis and body.

- Inspect clutch pedal operation.

- (1) If operating in severe dust, more frequent intervals may be required. Consult your dealer.

- (2) Recommended, but not required.

- (3) This item not required to be performed, however Ford recommends that you perform maintenance on this item in order to achieve best vehicle operation. Failure to perform this recommended maintenance will not invalidate the vehicle emissions warranty or manufacturer recall liability.

LUBRICATION

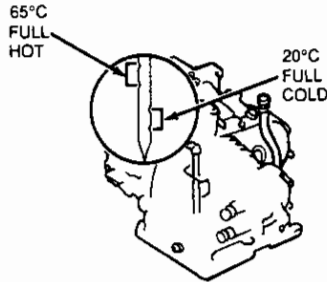
The illustration shows typical chassis and engine lubrication points. Vehicles with optional or special equipment may have slightly different or additional lubrication points.

A table of recommended lubrications is included at the end of this Section.

LUBRICATION (Continued)



OIL FILTER FL816
COAT GASKET WITH
ENGINE OIL
REPLACE FILTER AT
RECOMMENDED
INTERVAL



AUTOMATIC TRANSAXLE DIPSTICK
CHECK WITH TRANSAXLE IN "PARK"

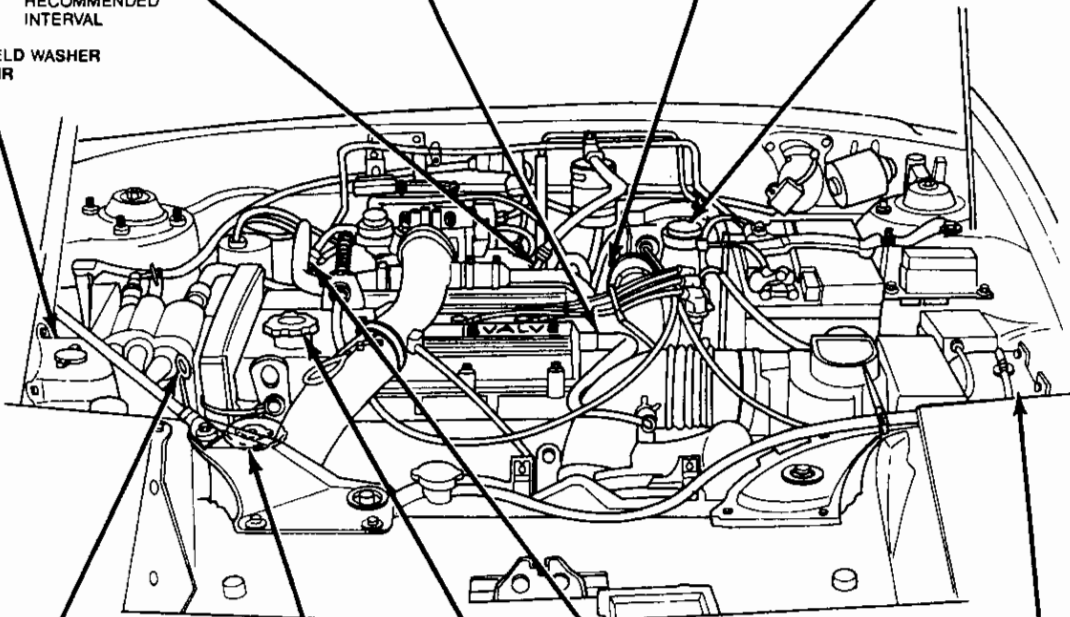


MANUAL TRANSAXLE
REFER TO SECTION
07-03A OR 07-03B



BRAKE MASTER CYLINDER

WINDSHIELD WASHER
RESERVOIR

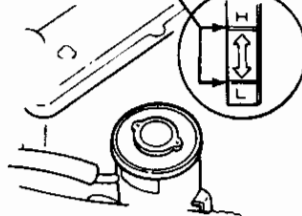


ENGINE OIL DIPSTICK
WITH VEHICLE PARKED ON LEVEL
GROUND, MAINTAIN OIL LEVEL IN
THIS RANGE



ENGINE OIL
FILL CAP

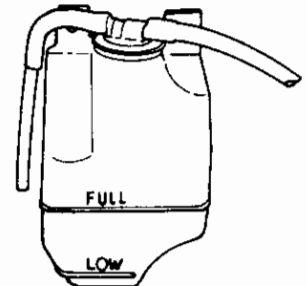
POWER STEERING PUMP DIPSTICK
FLUID SHOULD BE
IN THE FULL COLD OR
FULL HOT RANGE DEPENDING
ON TEMPERATURE



PCV VALVE EV 141
REPLACE AT
RECOMMENDED
INTERVAL
(NATURALLY ASPIRATED
VALVE SHOWN, TURBO
CHARGED VALVE TYPICAL)



ENGINE COOLANT RESERVOIR
COOLANT SHOULD BE
BETWEEN FULL AND
LOW RANGE ON
RESERVOIR



Y3062-C

SPECIFICATIONS

Lubricant Specifications

Description	Part Name	Ford Part Number	Ford Specifications
Hinges, Hinge Checks and Pivots Hood Latch and Auxiliary Catch Parking Brake Cable	Multi-Purpose Grease Spray	D7AZ-19584-AA	ESR-M1C159-A
Transaxle Linkage	Multi-Purpose Grease Spray or Premium Long-Life Grease	D7AZ-19584-AA XG-1-C	ESR-M1C159-A ESA-M1C75-B
Lock Cylinders — Door Latches	Lock Lubricant	D8AZ-19587-AA	ESB-M2C20-A
Steering Gear	Steering Gear Grease	C3AZ-19578-A	ESW-M1C87-A
Steering Pump Transaxle (Automatic) Transaxle (Manual)	MERCON®	XT-2-QDX or XT-2-DDX	MERCON®
Outboard CV Joints	Constant Velocity Joint Grease	E2FZ-19590-B	ESP-M1C187-A
Inboard CV Joints	High-Temp Constant Velocity Joint Grease	E43Z-19590-A	ESP-M1C207-A
Engine Oil Filter	Long-Life Oil Filter FL-818	E9GZ-6731-B	—
Engine Oil	Motorcraft: 5W30 Super Premium 10W40 Super Premium 10W30 Premium 20W40 Premium SAE-30 Super Duty 15W40 Super Duty	XO-5W30-QSP XO-10W40-QSP XO-10W30-QP XO-20W40-QP XO-30-QSD XO-15W40-QSD	ESE-M2C153-E and API Category SG
Speedometer Cable	Speedometer Cable Lube	E6TZ-19581-A	ESF-M1C160-A
Engine Coolant	Premium Cooling System Fluid	E2FZ-19549-AA or B	ESE-M97B44-A
Brake Master Cylinder	H.D. Brake Fluid	C6AZ-19542-AA or BA	ESA-M6C25-A
Disc Brake Caliper and Anchor Plate Slides	Disc Brake Caliper Slide Grease	D7AZ-19590-A	ESA-M1C172-A
Tire Mounting Bead (of Tire)	Tire Mounting Lube	D9AZ-19583-A	ESA-M1B6-A
Brake Master Cylinder Push Rod and Bushing Brake Pedal Pivot Bushing	Motorcraft SAE 10W30 Engine Oil	XO-10W30-QP	ESE-M2C153-E
Rear Wheel Bearings Clutch Pedal Quadrant and Pawl Pivot Holes Clutch Cable Connection Transaxle End Clutch Release Lever — At Fingers (Both Sides and Fulcrum) Clutch Release Bearing Retainer	Premium Long-Life Grease	XG-1-C	ESA-M1C75-B