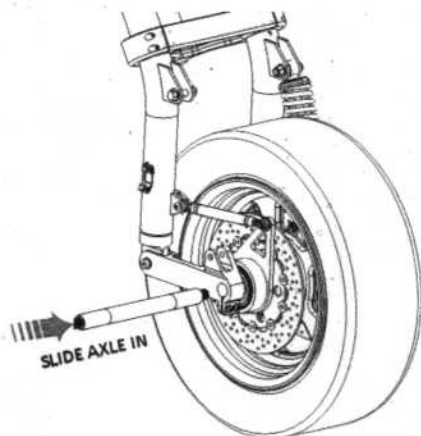
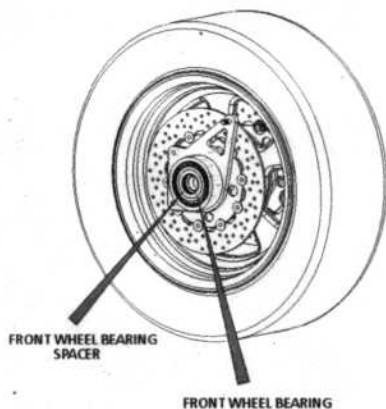


## INSTALL YOUR FRONT WHEEL

1. Position the front wheel between the front swing arms.
2. Slide the front axle through the wheel assembly. Align the bearings, axle, swing arms, and axle spacers as shown. Slide the axle through the assembly.



## Roadside Emergencies

3. Torque each castellated nut to 50 ft\*lbs and then loosen the nuts one full turn. Retighten 5 to 10 ft\*lbs , then align the closest slot to the cotter pin hole in the axle. Install a new cotter pin and bend each end opposite directions around the castellated nut.
4. Reinstall the decorative caps and tighten the pinch bolts to 20 ft\*lbs.
5. Reinstall the caliper and caliper bolts. Rotate the caliper back into position and install the caliper strut. Torque the caliper bolts after the caliper strut is installed.

## WRECKER TOWING

It is recommended that the vehicle be towed with a flatbed wrecker. If the vehicle is towed by any other means, damage to the vehicle could occur.

## JUMP STARTING YOUR VEHICLE

Your battery is located inside the left rear wheel well. Access to the battery can be achieved by removing the left side wheel. See *Removing Your Rear Wheels* in this section.

1. **Use only a 12-volt supply to start your vehicle.**
2. Do not disconnect the battery of the disabled vehicle's electrical system.
3. Park the booster vehicle close to the left tire of the disabled vehicle. Set the parking brake on both vehicles and stay clear of any moving parts including the engine cooling fan.

## Connecting the jumper cables

1. Connect the positive (+) jumper cable to the positive (+) terminal of the discharged battery.
2. Connect the other end of the positive (+) cable to the positive (+) terminal of the assisting battery.

## Roadside Emergencies

3. Connect the negative (-) cable to the negative (-) terminal of the assisting battery.
4. Make the final connection of the negative (-) cable to an exposed metal part of the stalled vehicles frame away from the battery and the fuel lines. **Do not** use fuel lines, brake lines, or cooling lines as grounding points.
5. Ensure that the cables are clear of fan blades, belts, or moving parts of both vehicles.

### **Jump starting**

1. Start the engine of the booster vehicle and run the engine at moderately increased speed.
2. Start the engine of the disabled vehicle
3. Once the disabled vehicle has been started, run both engines for an additional three minutes before disconnecting the jumper cables.

### **Remove the jumper cable in the reverse order that they were connected.**

1. Remove the jumper cable from the ground metal surface.
2. Remove the jumper cable on the negative (-) connection of the booster vehicle's battery.
3. Remove the jumper cable from the positive (+) terminal of the booster vehicle's battery.
4. Remove the jumper cable from the positive (+) terminal of the disabled vehicle's battery.

## Maintenance and Specifications

### SERVICE RECOMMENDATIONS

To help you service your vehicle we provide *scheduled maintenance information* which makes tracking routine service easy.

If your vehicle requires professional service, your authorized dealer can provide the necessary parts and service. Check your *Warranty Guide/Owner Information Guide* to find out which parts and services are covered.

Use only recommended fuels, lubricants, fluids and service parts conforming to specifications. Thoroughbred Motorsports, Motorcraft, and Ford Motor Company parts are designed and built to provide the best performance in your vehicle.

### PRECAUTIONS WHEN SERVICING YOUR VEHICLE

- Do not work on a hot engine.
- Make sure that nothing gets caught in moving parts.
- Do not work on a vehicle with the engine running in an enclosed space, unless you are sure you have enough ventilation.
- Keep all open flames and other lit material away from the battery and all fuel related parts.

#### Working with the engine off

1. Set the parking brake and shift to P (Park).
2. Turn off the engine and remove the key.
3. Block the wheels.

#### Working with the engine on

1. Set the parking brake and shift to P (Park).
2. Block the wheels.



To reduce the risk of vehicle damage and/or personal burn injuries do not start your engine with the air cleaner removed and do not remove it while the engine is running.

### OPENING THE HOOD

1. Inside the vehicle, pull the hood release handle located under the bottom of the instrument panel along the left side of the vehicle.
2. Push the hood up and forward.
3. Lift the hood up all the way until the hinges bottom out.



## Maintenance and Specifications

### REMOVING THE SEATS

1. Pull up on the driver's back rest and slide it completely out of the vehicle.
2. Grip the back of the passenger's seat and pull forward and upward.
3. Completely remove the seat from the vehicle.



### REPLACING THE SEATS

1. Place the front of the seat up against the console where the cupholders are located. Be sure to engage the hook on the seat pan under the designated slot in the frame.
2. Ease the back of the seat down until the seat is firmly in place.
3. Carefully slide the driver's back rest into the slot between the driver's and passenger's seat. Be sure that the driver's back rest fully engages the receiver on the frame. Adjust as needed.

### ENGINE OIL



#### Checking the engine oil

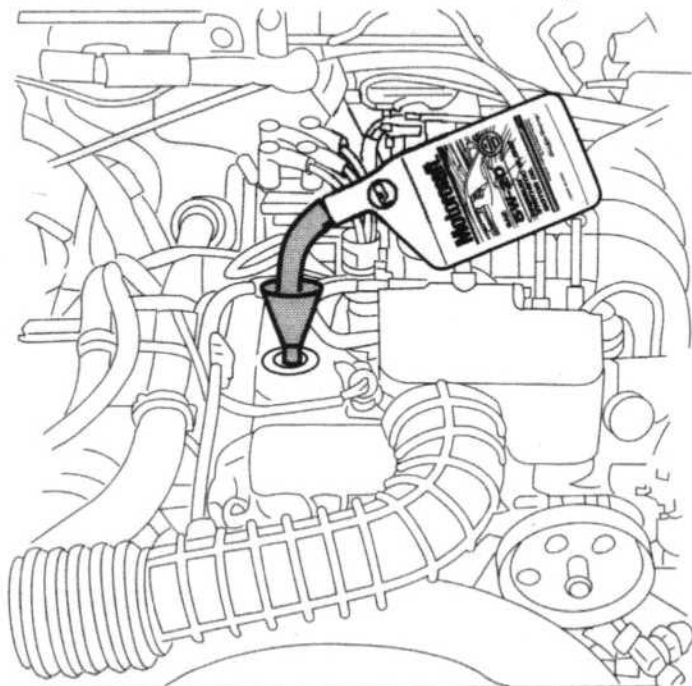
Refer to *scheduled maintenance information* for the appropriate intervals for checking the engine oil.

1. Make sure the vehicle is on level ground.
2. Turn the engine off and wait a few minutes for the oil to drain into the oil pan.
3. Set the parking brake and ensure the gearshift is securely latched in P (Park).
4. Open the hood. Protect yourself from engine heat.
5. Locate and carefully remove the engine oil level indicator (dipstick).



## Maintenance and Specifications

6. Wipe the dipstick clean. Insert the dipstick fully, then remove it again.
  - If the oil level is **between the MIN and MAX marks**, the oil level is acceptable. **DO NOT ADD OIL.**
  - If the oil level is below the MIN mark, add enough oil to raise the level between the MIN-MAX range.



- Oil levels above the MAX mark may cause engine damage. Some oil must be removed from the engine by an authorized dealer.
7. Put the dipstick back in and ensure it is fully seated.



## Maintenance and Specifications

### Adding engine oil

1. Check the engine oil. For instructions, refer to *Checking the engine oil* in this chapter.
2. If the engine oil level is not within the normal range, add only certified engine oil of the recommended viscosity. Remove the engine oil filler cap and use a funnel to pour the engine oil into the opening.
3. Recheck the engine oil level. Make sure the oil level is within the normal range on the engine oil level indicator (dipstick).
4. Install the indicator and ensure it is fully seated.
5. Fully install the engine oil filler cap by turning the filler cap 1/4 turn until it stops.

**To avoid possible oil loss, DO NOT operate the vehicle with the engine oil level indicator and/or the engine oil filler cap removed.**

### Engine Oil Recommendations

Look for this certification trademark.



### Use SAE 5W-20 engine oil.

Only use oils "Certified For Gasoline Engines" by the American Petroleum Institute (API). An oil with this trademark symbol conforms to the current engine and emission system protection standards and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ILSAC), comprised of U.S. and Japanese automobile manufacturers.

## Maintenance and Specifications

To protect your engine's warranty use Motorcraft SAE 5W-20 or an equivalent SAE 5W-20 oil meeting Ford specification WSS-M2C930-A. **SAE 5W-20 oil provides optimum fuel economy and durability performance meeting all requirements for your vehicle's engine.**

Do not use supplemental engine oil additives, cleaners or other engine treatments. They are unnecessary and could lead to engine damage that is not covered by Thoroughbred Motorsports' warranty.

Change your engine oil according to the appropriate schedule listed in the *scheduled maintenance information*.

Ford production and aftermarket (Motorcraft) oil filters are designed for added engine protection and long life. If a replacement oil filter is used that does not meet Ford material and design specifications, start-up engine noises or knock may be experienced.

It is recommended you use the appropriate Motorcraft oil filter (or another brand meeting Ford specifications) for your engine application.