

**2001 FORD CROWN VICTORIA 4.6L 8-cyl Engine Code [W]**

**LUBRICANTS & FLUIDS:**

Engine Oil

Grade 1.....API\*[1]

Maximum Performance [Signature Series 5W-20 Synthetic Motor Oil \(ALMQT\)](#)

Performance Plus [XL 5W-20 Synthetic Motor Oil \(XLMQT\)](#)

Performance [OE 5W-20 Synthetic Motor Oil \(OEMQT\)](#)

All TEMPS.....5W-20 [2]

Automatic Transmission,4R70W.....MA5

[Signature Series Multi-Vehicle Synthetic Automatic Transmission Fluid \(ATF\) \(ATFQT\)](#)

[OE Multi-Vehicle Synthetic Automatic Transmission Fluid \(OTFQT\)](#)

Standard Differential, Rear.....GL-5

All TEMPS.....80W-90

[SAE 80W-90 Synthetic Gear Lube \(AGLQT\)](#)

[SEVERE GEAR 75W-90 Synthetic EP Lubricant \(SVGQT\)](#)

[75W-90 Synthetic Long Life Gear Lube \(FGRQT\)](#)

[SEVERE GEAR 75W-110 Synthetic EP Lubricant \(SVTQT\)](#)

Limited Slip Differential, Rear.....GL-5\*

All TEMPS.....80W-90 [3] [4]

[SAE 80W-90 Synthetic Gear Lube \(AGLQT\)](#)

[SEVERE GEAR 75W-90 Synthetic EP Lubricant \(SVGQT\)](#)

[75W-90 Synthetic Long Life Gear Lube \(FGRQT\)](#)

[SEVERE GEAR 75W-110 Synthetic EP Lubricant \(SVTQT\)](#)

Fluids

Brake Fluid.....HB

[AMSOIL Brake Fluid DOT-3 \(BF3SN\) \[5\]](#)

Power Steering Fluid.....MA

[Signature Series Multi-Vehicle Synthetic Automatic Transmission Fluid \(ATF\) \(ATFQT\)](#)

Power Steering Fluid.....MA

[OE Multi-Vehicle Synthetic Automatic Transmission Fluid \(OTFQT\) \[6\]](#)

[1] Manufacturer recommends motor oil that is formulated to meet Ford specification WSS-M2C930-A.

[2] This specification has been updated from 5W-30 to include 5W-20 per a Technical Service Bulletin from the manufacturer. 5W-20 is the preferred recommendation.

[3] Identification: see upper left differential tag, code on plate at driver's door.

[4] Traction-Lok axles add 4oz of friction modifier Ford part No XL-3 or equivalent formulated to meet Ford spec EST-M2C118-A.

[5] Motorcraft High Performance DOT 3 brake fluid, P/N PM-1-C or equivalent meeting Ford specification WSS-M6C65-A1.

[6] MERCON® Automatic Transmission Fluid

**FILTERS:**

Oil Filter	<a href="#">25,000-Mile Ea Oil Filter (EA011)</a>	[1]
Oil Filter	<a href="#">WIX 51372 Oil Filter</a>	
Air Filter	<a href="#">Absolute Efficiency Air Filter (EAA49)</a>	
Transmission Filter	<a href="#">WIX 58955 Auto Tran Filter</a>	[2]

[1] Replaces the EaO48, which will still work for this vehicle

[2] 4R70W

**CHASSIS LUBRICATION:**

0-4 Fittings, 0-5 Plugs.....LL

**CAPACITIES:**

Engine, with filter.....5 quarts [1]

Cooling System, Initial Fill.....15.9 quarts

[Passenger Car & Light Truck Antifreeze & Coolant](#)

[AMSOIL Antifreeze and Engine Coolant](#)

- Automatic Transmission, 4R70W Initial Fill.....5 quarts
- Automatic Transmission, Total Fill
  - 4 speed 4R70W.....13.9 quarts
- Differential, Rear.....3.8 pints [2]
- [1] After refill check oil level.
- [2] Fill to no more than 1/4 to 9/16 inch below fill plug hole.

**TORQUES:**

Oil Drain Plug.....8-12 ft/lbs

**OTHER TOP QUALITY PRODUCTS:**

- [By-Pass Oil Filters](#)
- [Diesel Fuel Additive Concentrate](#)
- [Cold Flow Improver](#)
- [Cetane Boost Diesel Fuel Additive](#)
- [PI Performance Improver Gasoline Additive](#)
- [Product Recommendations and Drain Interval Chart](#)