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Phone Directory

Ordering Information

Service Chemicals can be ordered for direct ship delivery via D.O.E.S. II or through your local Ford Authorized Distributor (FAD).

Parts Ordering Assistance (800) 241-0385

To locate your local FAD on-line go to <http://www.fmcdealer.dealerconnection.com> and select:

Parts & Service → FAD locator → Your State

Service Chemical Direct Ship Distributors Customer Assistance

ConocoPhillips (800) 858-5576

Excelda Manufacturing (800) 550-4062

Other Contact Information

Material Safety Data Sheets (MSDS) (800) 448-2063

Dealer Business Assistance Center (800) 962-3746

Poison Control (800) 959-3673

Online Service Chemical Catalog

For the on-line Service Chemical Catalog go to <http://www.fmcdealer.dealerconnection.com> and at the Brand Tab select:

Parts Information → Chemicals & Lubricants Center → Chemicals & Lubricants Catalog

*Note: Information in this catalog is updated continually and the latest information can be found on www.motorcraft.com.
To continue to provide superior quality, Motorcraft reserves the right to change the composition of its products without notice.
Effective August 2005.*

Medical Information and Material Safety Data Sheet (MSDS)

Contact Information

If you require MEDICAL EMERGENCY INFORMATION:

Contact: POISON CONTROL at 1-800-959-3673
FORD

Available 24 hours a day

Note: Material Safety Data Sheets are NOT available from the above phone number.

If you require a MATERIAL SAFETY DATA SHEET (MSDS)
for a Ford or Motorcraft chemical or lubricant:

Four Options

1

INTERNET *Dealer:*

Log on to www.fmcdealer.dealerconnection.com. Change the brand to Ford, Lincoln Mercury. Then change the role to Parts Manager or Parts Depart. Click on the Parts and Service tab, then click on Parts Product Line Information on the left, and then click on MSDS (Material Safety Data Sheets).

Distributors:

Log on to www.fmcdealer.dealerconnection.com. Change the brand to MCDistributor. Click on Parts Information, then Motorcraft Parts Information Center and MSDS Contact Information.

2

E-MAIL E-mail your request to msds@brownart.com. Include information requested on page 3.

3

FAX Copy and complete the form on page 3. Fax the form to 1-800-466-3753 (24 hours a day).

4

PHONE Call toll-free 1-800-448-2063 and speak to a Ford MSDS Hotline representative (8am to 5pm EST Monday thru Friday).



Material Safety Data Sheet - Request Form

- Please Use This Form to Fax in Request for Material Safety Data Sheets -

Your Name: _____

Your Company: _____ Are you a: ☐ Dealer ☐ Distributor ☐ Other

Your Street Address: _____

Your City, State, Zip: _____

Your Phone Number: _____

Your Fax Number: _____

Your E-mail Address: _____

Your preferred method of receiving MSDS: ☐ E-mail ☐ Fax ☐ U.S. Mail

1. Product Name: _____
Part Number: _____
Tox/FIR Number: _____
Container Size: _____
2. Product Name: _____
Part Number: _____
Tox/FIR Number: _____
Container Size: _____
3. Product Name: _____
Part Number: _____
Tox/FIR Number: _____
Container Size: _____
4. Product Name: _____
Part Number: _____
Tox/FIR Number: _____
Container Size: _____

Please fax completed form to:

Ford MSDS Hotline
1-800-466-3753
24 hours a day

Or mail completed form to:

Ford Motor Company
P.O. Box 1899
Dearborn, MI 48121
Attn: Ford MSDS Hotline

Or call the Ford MSDS Hotline:

Ford MSDS Hotline
1-800-448-2063
8am to 5pm EST Monday thru Friday

Health, Safety, & Environmental Web Sites

There are numerous regulations applicable to the manufacturers, distributors, importers, employers, and employees regarding chemical products. Below are some addresses to web sites that may contain helpful regulatory information pertaining to the chemical products purchased and used by you. Ford Motor Company does not maintain these sites. This page is intended for informational purposes only and specific compliance requirements should be discussed with your own legal counsel.

Occupational Safety and Health Administration (OSHA) Home Page

<http://www.osha.gov>

OSHA Hazard Communication Program

<http://www.osha-slc.gov/SLTC/hazardcommunications/index.html>

Environmental Protection Agency Home Page

<http://www.epa.gov>

Hazardous Waste FAQ's

<http://www.epa.gov/epaoswer/osw/basifact.htm#whatissolidwaste>

Hazardous Waste Generators and Transporters

<http://www.epa.gov/epaoswer/osw/generate.htm#whatare>

Department of Transportation (DOT) Home Page

<http://www.dot.gov>

Shipping Hazardous Material in Commerce

<http://hazmat.dot.gov/>

California Volatile Organic Compounds (VOCs) - Consumer Products

<http://www.arb.ca.gov/consprod/consprod.htm>

California VOC Consumer Products Regulations

<http://www.arb.ca.gov/consprod/regs/regs.htm>

Consumer Products Enforcement Program

<http://www.arb.ca.gov/enf/consprod.htm>

Hazardous Substances and articles regulations (Product Labeling Requirements)

http://www.access.gpo.gov/nara/cfr/waisidx_00/16cfr1500_00.html

California Proposition 65

<http://www.oehha.ca.gov/prop65/background/p65plain.html>

National Institute of Occupational Safety and Health Pocket Guide to Hazardous Chemicals

<http://www.cdc.gov/niosh/npg/npg.html>

Code of Federal Regulations

<http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1>

Motorcraft® Offers You Both Quality Parts and Support

CENTRAL

Aftermarket Operations Manager
Ford Customer Service Division
5700 Granite Parkway, Suite 1000
Plano, TX 75024

Phone: (972) 334-1789
Fax: (972) 334-1833

SOUTHEAST

Aftermarket Operations Manager
Ford Customer Service Division
590 Oakstone Glen
Alpharetta, GA 30004

Phone: (770) 475-5423
Fax: (770) 371-1846

WESTERN

Aftermarket Operations Manager
Ford Customer Service Division
12677 Alcosta Blvd.
San Ramon, CA 94583

Phone: (925) 904-5881
Fax: (925) 904-5800

NORTHEAST

Aftermarket Operations Manager
Ford Customer Service Division
Crossroads Corporate Center
One International Blvd., Suite 1101
Mahwah, NJ 07494

Phone: (201) 529-7237
Fax: (201) 529-7270

Motorcraft® Catalogs. . . Revised and updated annually to provide you with the latest Application, Cross Reference and Product Information available. Your comments and recommendations will help you make your Motorcraft catalogs a more useful tool.

Please mail your comments to:
Motorcraft Publications
Mail Drop MD-31, Room 1119D
29500 Plymouth Rd.
Livonia, MI 48150





SAE 5W-20 Premium Synthetic Blend Motor Oil



Note: SAE 5W-20 Synthetic Blend motor oil is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-5W20-QSP	WSS-M2C930-A	1 Qt.	12 (Case Qty.)	173219
XO-5W20-5QSP	WSS-M2C930-A	5 Qt.	4 (Case Qty.)	173219
XO-5W20-DSP	WSS-M2C930-A	55 U.S. gal	1	173219
XO-5W20-BSP	WSS-M2C930-A	Bulk	N/A	173219

Features:

- Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil is a premium-quality passenger car motor oil designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is **API Certified** for gasoline engine service **ILSAC GF-4** and meets API SM/Energy Conserving
- Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil is manufactured with high-viscosity index, premium-quality, synthetic/hydroprocessed base oils and specially designed performance additives, which help minimize engine deposits and wear, protect against high-temperature oxidation, low-temperature gelling, rust and corrosion and foaming. The friction-reducing technology in this motor oil provides superior wear protection and energy-conserving characteristics, which result in significant improvement in fuel economy when compared to SAE 5W-30 and 10W-30 motor oils
- Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil dramatically outperforms and outprotects conventional solvent-refined motor oils. It delivers performance comparable to our Motorcraft® full synthetic at both very low and very high operating temperatures
- This oil has been thoroughly evaluated by Ford Motor Company and has performed flawlessly in all dynamometer and vehicle durability tests
- Refer to the Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**



SAE 5W-20 Full Synthetic Motor Oil



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-5W20-QFS	WSS-M2C930-A	1 Qt.	12 (Case Qty.)	173414
XO-5W20-DFS	WSS-M2C930-A	55 U.S. gal	1	173414

Features:

- Motorcraft® SAE 5W-20 Full Synthetic Motor Oil is a premium-quality passenger car motor oil designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is **API Certified** for gasoline engine service **ILSAC GF-4** and meets API SM/Energy Conserving
- Motorcraft® SAE 5W-20 Full Synthetic Motor Oil is manufactured with high-viscosity index, premium-quality, synthetic base oils that provide good high temperature and low temperature performance. It helps minimize engine deposits and wear, protect against high-temperature oxidation, low-temperature gelling, rust and corrosion and foaming. The friction-reducing technology in this motor oil provides superior wear protection and energy-conserving characteristics, which result in significant improvement in fuel economy when compared to SAE 5W-30 and 10W-30 motor oils
- Refer to the Motorcraft® SAE 5W-20 Full Synthetic Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**



SAE 5W-30 Premium Synthetic Blend Motor Oil



Note: SAE 5W-30 Synthetic Blend motor oil is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-5W30-QSP	WSS-M2C929-A	1 Qt.	12 (Case Qty.)	173219
XO-5W30-5QSP	WSS-M2C929-A	5 Qt.	4 (Case Qty.)	173219
XO-5W30-DSP	WSS-M2C929-A	55 U.S. gal	1	173219
XO-5W30-BSP	WSS-M2C929-A	Bulk	N/A	173219

Features:

- Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil is a premium-quality passenger car motor oil designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is **API Certified** for gasoline engine service **ILSAC GF-4** and meets API SM/Energy Conserving
- Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil is manufactured with high-viscosity index, premium-quality, synthetic/hydroprocessed base oils and specially designed performance additives, which help minimize engine deposits and wear, protect against high-temperature oxidation, low-temperature gelling, rust and corrosion and foaming. The friction-reducing technology in this motor oil provides superior wear protection and energy-conserving characteristics, which result in significant improvement in fuel economy when compared to SAE 10W-30 motor oils
- Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil dramatically outperforms and outprotects conventional solvent-refined motor oils. It delivers performance comparable to our Motorcraft® full synthetic at both very low and very high operating temperatures
- This oil has been thoroughly evaluated by Ford Motor Company and has performed flawlessly in all dynamometer and vehicle durability tests
- Refer to the Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**



SAE 5W-30 Full Synthetic Motor Oil



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-5W30-QFS	WSS-M2C929-A	1 Qt.	12 (Case Qty.)	173414
XO-5W30-DFS	WSS-M2C929-A	55 U.S. gal	1	173414

Features:

- Motorcraft® SAE 5W-30 Full Synthetic Motor Oil is a premium-quality passenger car motor oil designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is **API Certified** for gasoline engine service **ILSAC GF-4** and meets API SM/Energy Conserving
- Motorcraft® SAE 5W-30 Full Synthetic Motor Oil is manufactured with high-viscosity index, premium-quality, synthetic base oils that provide good high temperature and low temperature performance. It helps minimize engine deposits and wear, protect against high-temperature oxidation, low-temperature gelling, rust and corrosion and foaming. The friction-reducing technology in this motor oil provides superior wear protection and energy-conserving characteristics, which result in significant improvement in fuel economy when compared to SAE 10W-30 motor oils
- Refer to the Motorcraft® SAE 5W-30 Full Synthetic Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**





SAE 10W-30 Premium Synthetic Blend Motor Oil



Note: SAE 10W-30 Synthetic Blend motor oil is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-10W30-QSP	WSS-M2C935-A	1 Qt.	12 (Case Qty.)	173219
XO-10W30-5QSP	WSS-M2C935-A	5 Qt.	1	173219
XO-10W30-DSP	WSS-M2C935-A	55 U.S. gal	1	173219
XO-10W30-BSP	WSS-M2C935-A	Bulk	N/A	173219

Features:

- Motorcraft® SAE 10W-30 Premium Synthetic Blend Motor Oil is a premium-quality passenger car motor oil designed, engineered and recommended by Ford Motor Company where use of this viscosity grade is recommended. It is **API Certified** for gasoline engine service **ILSAC GF-4** and meets API SM/Energy Conserving
- Motorcraft® SAE 10W-30 Premium Synthetic Blend Motor Oil is manufactured with high-viscosity index, premium-quality, synthetic/hydroprocessed base oils and specially designed performance additives, which help minimize engine deposits and wear, protect against high-temperature oxidation, low-temperature gelling, rust and corrosion and foaming
- Motorcraft® SAE 10W-30 Premium Synthetic Blend Motor Oil is recommended for use in current and older domestic and import passenger cars, SUV's, light-duty trucks, minivans and with normally aspirated, turbocharged and supercharged gasoline engines
- Refer to the Motorcraft® SAE 10W-30 Premium Synthetic Blend Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**



SAE 10W-40 Premium Motor Oil



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-10W40-QP	API Service SM	1 Qt.	12 (Case Qty.)	173219
XO-10W40-DP	API Service SM	55 U.S. gal	1	173219

Features:

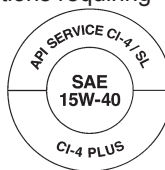
- Motorcraft® SAE 10W-40 Premium Motor Oil is a high-quality passenger car motor oil designed, engineered and recommended by Ford Motor Company where use of this viscosity grade is recommended. It meets **API Service Category SM**
- Refer to the Motorcraft® SAE 10W-40 Premium Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**



SAE 5W-50 Full Synthetic Motor Oil

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	XO-5W50-QGT	WSS-M2C931-A	1 Qt.	12 (Case Qty.)	168637
Features: - Motorcraft® SAE 5W-50 Full Synthetic Motor Oil is designed, engineered and recommended by Ford Motor Company for use in the Ford GT. It meets API Service Category SL/CF - It is manufactured with high viscosity index, premium-quality synthetic base oils and performance additives to provide wear and oxidation protection under severe operating conditions. It is resistant to deposit formation, including supercharged and turbocharged applications. It provides quick flow to engine parts during start-up and lubricates effectively over a wide temperature range - This oil is compatible with other synthetic and petroleum based formulations 					

SAE 15W-40 Super Duty Diesel Motor Oil

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	XO-15W40-QSD	WSS-M2C171-D	1 Qt.	12 (Case Qty.)	173582
	XO-15W40-5QSD	WSS-M2C171-D	5 Qt.	4 (Case Qty.)	173582
	XO-15W40-DSD	WSS-M2C171-D	55 U.S. gal	1	173582
	XO-15W40-BSP	WSS-M2C171-D	Bulk	N/A	173582
Features: - Motorcraft® SAE 15W-40 Super Duty Motor Oil is a high-quality light- and heavy-duty diesel engine oil designed, engineered and recommended by Ford Motor Company. It is particularly recommended for use in Ford vehicles equipped with Power Stroke® engines, as well as, truck, bus, construction and other heavy-duty diesel engine applications. It meets API Service Category CI-4/SL, and also meets CI-4 PLUS. Do not use in gasoline engines equipped with catalysts - Motorcraft® SAE 15W-40 Super Duty Motor Oil is a high-quality diesel engine oil formulated with premium hydroprocessed base oils and unique additive technology. It satisfies the warranty requirements of Ford Motor Company as well as most other domestic and import diesel engine manufacturers - Motorcraft® SAE 15W-40 Super Duty Motor Oil is designed for new generation, low emission diesel engines providing excellent soot control, as well as, protection against wear, deposits, rust and corrosion, foaming, sludge formation, high temperature oxidation and thickening. It also provides excellent performance in older-generation diesel engines operating on high-sulfur fuel - Motorcraft® SAE 15W-40 Super Duty Motor Oil can be used in older engines where the manufacturer call for obsolete API Categories CD, CF-4, CG-4 and CH-4/SJ - Motorcraft® SAE 15W-40 Super Duty Motor Oil is suitable for powershift applications requiring Allison C-4 fluid - Refer to the Motorcraft® SAE 15W-40 Super Duty Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call 1-800-448-2063 					

Note: SAE 15W-40 Super Duty Motor Oil is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.



SAE 10W-30 Super Duty Diesel Motor Oil



Note: SAE 10W-30 Super Duty Motor Oil is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-10W30-QSD	WSS-M2C171-D	1 Qt.	12 (Case Qty.)	168651
XO-10W30-DSD	WSS-M2C171-D	55 U.S. gal	1	168651
XO-10W30-BSD	WSS-M2C171-D	Bulk	N/A	168651

Features:

- Motorcraft® SAE 10W-30 Super Duty Motor Oil is a high-quality light- and heavy-duty diesel engine oil designed, engineered and recommended by Ford Motor Company. It is particularly recommended for use in Ford vehicles equipped with Power Stroke® engines, as well as, in other diesel engine applications. It meets **API Service Category CI-4. Do not use in gasoline engines equipped with catalysts**
- Motorcraft® SAE 10W-30 Super Duty Motor Oil is a high-quality diesel engine oil formulated with premium hydroprocessed base oils and unique additive technology. It satisfies the warranty requirements of Ford Motor Company, as well as, most other domestic and import diesel engine manufacturers
- Motorcraft® SAE 10W-30 Super Duty Motor Oil is designed for new generation, low emission diesel engines providing excellent soot control, as well as, protection against wear, deposits, rust and corrosion, foaming, sludge formation, high temperature oxidation and thickening. It also provides excellent performance in older-generation diesel engines operating on high-sulfur fuel
- Motorcraft® SAE 10W-30 Super Duty Motor Oil can be used in older engines where the manufacturer call for obsolete API Categories CD, CF-4, CG-4 and CH-4/SJ
- Motorcraft® SAE 10W-30 Super Duty Motor Oil is recommended for use in Powerstroke® diesel engines below -5°F (-20°C)
- Refer to the Motorcraft® SAE 10W-30 Super Duty Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**



SAE 0W-30 Super All Season Motor Oil



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XO-0W30-LAS	WSS-M2C171-C	1 Qt.	12 (Case Qty.)	158496
XO-0W30-DSAS	WSS-M2C171-C	55 U.S. gal	1	158496

Features:

- Motorcraft® SAE 0W-30 Super All Season Semi-Synthetic Motor Oil is a high-quality diesel motor oil designed, engineered and recommended by Ford Motor Company, meeting warranty requirements. It is particularly recommended for Power Stroke® applications. It meets **API Service Category CH-4/SL. Do not use in gasoline engines equipped with catalysts**
- Motorcraft® Super All Season is manufactured with premium-quality synthetic and hydroprocessed base oils and unique additive technology. Because of its low viscosity it is particularly suited to operation in extremely low ambient temperatures, while providing complete engine protection during summer heat. It provides excellent soot control, as well as, protecting against wear, deposit formation, rust and corrosion, foaming, and high-temperature oil oxidation and thickening
- It is formulated for today's low emission, electronically controlled, normally aspirated and turbocharged diesel engines; while providing excellent performance in older generation diesel engines operating on high sulfur fuel

SAE 30 Super Duty Diesel Motor Oil

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	XO-30-QSD	API CF/CF-2	1 Qt.	12 (Case Qty.)	147968
Features: - Motorcraft® SAE 30 Super Duty Motor Oil is a high-quality light- and heavy-duty diesel engine oil designed, engineered and recommended by Ford Motor Company. It is recommended for use in Ford vehicles equipped with diesel engines prior to 1995 model year - Motorcraft® SAE 30 Super Duty Motor Oil is formulated for engines requiring a high-quality single weight oil and operated with an engine block heater or in outside temperatures no lower than 10°F (-12°C) - Refer to the Motorcraft® SAE 30 Super Duty Motor Oil specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call 1-800-448-2063					

MERCON® V Automatic Transmission Fluid



Note: MERCON® V is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-5-QMC	MERCON® V	1 Qt.	12 (Case Qty.)	173581
XT-5-QM	MERCON® V	1 Qt.	12 (Case Qty.)	173581
XT-5-5QM	MERCON® V	5 Qt.	6 (Case Qty.)	173581
XT-5-5GM	MERCON® V	5 Qt.	6 (Case Qty.)	173581
XT-5-DMC	MERCON® V	55 U.S. gal	4 (Case Qty.)	173581
XT-5-DM	MERCON® V	55 U.S. gal	4 (Case Qty.)	173581
XT-5-BM	MERCON® V	Bulk	N/A	173581

Features:

- Motorcraft® MERCON® V is a premium-quality automatic transmission fluid designed, engineered and recommended by Ford Motor Company for use in Ford, Lincoln and Mercury vehicles that require either MERCON® V or MERCON® type fluid. This product also provides excellent performance in electronically controlled automatic transmissions. It is a DEXRON® III fluid approved for H specification. It is also recommended for use in pre-1989 automatic transmissions, which call for a DEXRON® IIE, DEXRON® II, DEXRON® and Type "A" Suffix "A" fluids. Motorcraft® MERCON® V is an approved Allison C-4 Fluid
- Motorcraft® MERCON® V is manufactured with high-viscosity index, premium-quality, hydroprocessed base oils and specially designed performance additives, which provide excellent shifting characteristics at high and low ambient temperatures, excellent thermal and oxidation resistance and good low temperature fluidity. It provides wear protection and inhibits the formation of gum, sludge, lacquer and foam. It also provides protection against rust and corrosion. It is dyed red for ease of leak detection
- Do not use in applications where MERCON® SP is recommended or transmissions requiring Type F fluid
- Motorcraft® MERCON® V is suitable for use as a hydraulic oil in a wide variety of industrial applications that call for an ISO 46 or SAE 20W viscosity grade hydraulic oil
- Refer to the Motorcraft® MERCON® V specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**

MERCON® SP Automatic Transmission Fluid



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-6-QSP	MERCON® SP	1 Qt.	12 (Case Qty.)	164125
XT-6-DSP	MERCON® SP	55 U.S. gal	1	164125

Features:

- Motorcraft® MERCON® SP is a premium-quality fluid designed, engineered and recommended by Ford Motor Company specifically for use in Ford, Lincoln and Mercury vehicles that require MERCON® SP type fluid. This product also provides excellent performance in electronically controlled automatic transmissions. Check Owner's Guide or Workshop Manual for correct applications
- Motorcraft® MERCON® SP is manufactured with premium base oils and specially designed performance additives, which provide excellent shifting characteristics at high and low ambient temperatures, excellent thermal and oxidation resistance. It provides wear protection and inhibits the formation of gum, sludge, lacquer and foam. It also provides protection against rust and corrosion. MERCON® SP is friction modified for smooth transmission operation while guarding against transmission shudder
- Specifically designed for improved durability and torque handling capacity in TorqShift™ transmissions
- Do not use in transmissions requiring MERCON® V or MERCON®
- Refer to the Motorcraft® MERCON® SP specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call **1-800-448-2063**

MERCON® Multi-Purpose Automatic Transmission Fluid



Note: MERCON® is available in bulk quantities at substantial savings. Use of bulk oil products is environmentally proactive. Contact your FCSD Aftermarket Account Manager or an approved Motorcraft® Bulk Oil Distributor for details.

Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number
XT-2-QDX	MERCON®	1 Qt.	12 (Case Qty.)	173533
XT-2-DDX	MERCON®	55 U.S. gal	1	173533
XT-2-BDX	MERCON®	Bulk	N/A	173533

Features:

- Motorcraft® MERCON® is a premium-quality, multi-purpose fluid designed, engineered and recommended by Ford Motor Company. It was developed for use in the newer electronically controlled automatic transmissions found in most domestic and import automobiles, trucks, SUVs, minivans and buses built after 1989. It is also recommended for use in pre-1989 automatic transmissions, which call for a DEXRON® IIE, DEXRON® II, DEXRON® and Type "A" Suffix "A" fluids. It should also be used in power steering systems in a wide variety of Ford vehicles built after 1998. Check Owner Guide for application
- Motorcraft® MERCON® is manufactured with high-viscosity index, premium-quality, hydroprocessed base oils and specially designed performance additives, which provide excellent shifting characteristics at high and low ambient temperatures, excellent thermal and oxidation resistance, and especially outstanding low temperature fluidity. It provides wear protection and inhibits the formation of gum, sludge, lacquer and foam. It also provides protection against rust and corrosion. It is dyed red for ease of leak detection
- Do not use in applications where MERCON® V or MERCON® SP is recommended
- Do not use in transmissions requiring Type F fluid
- Motorcraft® MERCON® is suitable for use as a hydraulic oil in a wide variety of industrial applications that call for an ISO 46 or SAE 20W viscosity grade hydraulic oil
- Refer to the Motorcraft® MERCON® specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call 1-800-448-2063

Synthetic MERCON® Multi-Purpose Automatic Transmission Fluid



Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number
XT-2-QSM	ESR-M21C163-A2 and MERCON®	1 Qt.	12 (Case Qty.)	154936

Features:

- Motorcraft® Synthetic MERCON® Multi-Purpose Automatic Transmission Fluid is a high-quality synthetic automatic transmission fluid designed, engineered and recommended by Ford Motor Company. It was developed for use in the newer electronically controlled automatic transmissions found in most domestic and import automobiles, trucks, SUV's, minivans and buses built after 1989. It is also recommended for use in pre-1989 automatic transmissions, which call for a DEXRON® IIE, DEXRON® II, DEXRON® and Type "A" Suffix "A" fluids
- Motorcraft® Synthetic MERCON® Multi-Purpose Automatic Transmission Fluid is formulated with synthetic base stock and unique additive technology. It is specifically formulated to provide improved shifting characteristics at high and low ambient temperatures, excellent thermal and oxidation resistance, and good low temperature fluidity. It provides wear protection and inhibits the formation of gum, sludge, lacquer, and foam. It also provides protection against rust and corrosion
- It is especially effective in applications where high temperatures are a concern. Due to its excellent thermal, oxidative, and shear stability, this fluid is required in manual transmission applications such as Mustang with G1 manual transmissions and F/E-Series with TR 3650 and ZF S5-47 manual transmissions
- It also provides for improved performance and shift quality in very low ambient temperature
- Do not use in applications where MERCON® V or MERCON® SP is recommended
- Refer to the Motorcraft® Synthetic MERCON® Multi-Purpose Automatic Transmission Fluid specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call 1-800-448-2063

Premium Automatic Transmission Fluid



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-8-QAW	WSS-M2C924-A	1 Qt.	12 (Case Qty.)	171914
Features: - Motorcraft® Premium Automatic Transmission Fluid is a premium-quality fluid designed, engineered and recommended by Ford Motor Company for use in the AW F21 6-speed transmission - It has unique frictional characteristics specific to this transmission - It has excellent high temperature thermal and oxidative stability, and protects against transmission shudder - Do not use for applications where MERCON®, MERCON® V, MERCON® SP or Type F fluids are recommended				

Continuously Variable Chain Type Transmission Fluid



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-7-QCFT	WSS-M2C933-A	1 Qt.	12 (Case Qty.)	171931
Features: - Motorcraft® Continuously Variable Chain Type Transmission Fluid is a premium-quality fluid designed, engineered and recommended by Ford Motor Company for use in the CFT-30 transmission - It provides optimal frictional characteristics for this type of transmission. It provides good low temperature fluidity, reduces wear and protects against sludge and varnish build-up - This fluid should be used ONLY in the CFT-30 transmission				
Note: Use of other fluids in the CFT-30 transmission may cause internal damage. It is dyed blue for ease of leak detection.				

FNR5 Automatic Transmission Fluid



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-9-QMM5	Mazda M 5	1 Qt.	12 (Case Qty.)	175125
Features: - Motorcraft® FNR5 Automatic Transmission Fluid is designed, engineered and recommended by Ford Motor Company for use in the FNR5 5-speed transmission - It is manufactured with high-quality, high viscosity index base oils and specially designed performance additives, providing optimal shift quality over a wide range of conditions, including at low temperatures. Provides protection from wear and corrosion - Use ONLY in FNR5 transmissions - For use in the 2006 Fusion and Milan vehicles				

Type F Automatic Transmission Fluid and Power Steering Fluid



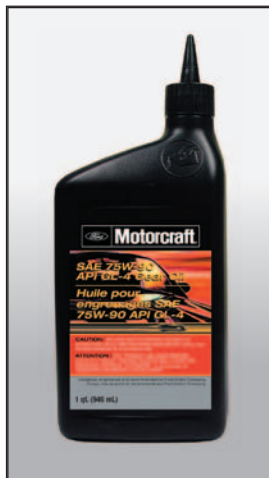
Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-1-QF	ESW-M2C33-F	1 Qt.	12 (Case Qty.)	148095
Features: - Motorcraft® ATF Type F is designed, engineered and recommended by Ford Motor Company. It is a high-static friction fluid developed for Ford automatic transmissions manufactured during the 1970's and earlier. The special frictional properties of Motorcraft® ATF Type F ensure proper shifting in Ford transmissions that require a fluid meeting ESW-M2C33-F. It is also recommended for power steering systems in a wide variety of Ford Vehicles calling for a Type F fluid, built prior to Model Years 1996-1998. Check Owner Guide for proper application - Motorcraft® ATF Type F resists foaming and protects against rust, corrosion, wear and deposits. Its low viscosity makes it suitable not only for Ford power steering units, but also as a hydrostatic drive fluid for many farm implements and certain industrial equipment applications - Motorcraft® ATF Type F should not be used in newer transmissions requiring MERCON®, MERCON® V or MERCON® SP - Refer to the Motorcraft® ATF Type F specification sheet at www.motorcraft.com and www.fmcdealer.dealerconnection.com for additional information. For MSDS information call 1-800-448-2063				

Full Synthetic Manual Transmission Fluid



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XT-M5-QS	WSD-M2C200-C	1 Qt.	12 (Case Qty.)	175246
Features: - Motorcraft® Full Synthetic Manual Transmission Fluid is a premium-quality SAE 75W-90 gear oil designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is particularly recommended for MTX-75 and IB5 transmissions, and is also recommended for older transmissions including rear wheel drive that recommend GL-3 and GL-4 type gear oils - Motorcraft® Full Synthetic Manual Transmission Fluid is manufactured with synthetic base oils and performance additives providing improved gear shifting at all ambient temperatures. Its wear protection extends the life of synchronizers and bearings - Due to its excellent thermal, oxidative and shear stability, this fluid meets Ford's fill-for-life requirements. Reduced friction and optimal lubrication reduces operating temperatures, increases component life and improves efficiency				

SAE 75W-90 Gear Oil



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
F32Z-19C547-MA	WSS-M2C203-A1 and GL-4	1 Qt.	12 (Case Qty.)	128051
Features: - For use in Manual Transmissions in Probe (through 1994 model year), Escape, Fusion and Milan - Meets Warranty Requirements				

SAE 75W-140 Synthetic Rear Axle Lubricant



Note: For a complete drain and refill, some limited-slip axles require addition of Friction Modifier, Part Number XL-3. Refer to Workshop Manual or Owner's Guide.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XY-75W140-QL	WSL-M2C192-A and GL-5	1 Qt.	12 (Case Qty.)	048396

Features:

- Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant is an excellent multi-purpose extreme pressure lubricant designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is recommended for conventional and limited-slip differentials of passenger cars, light trucks, vans and buses that operated under mild to severe service conditions
- Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant is manufactured using high-quality synthetic base oils and performance additives to provide improved high-temperature thermal and oxidative stability. It helps to reduce operating temperatures. It has enhanced wear protection for hypoid gears, excellent shear stability and protects from rust and corrosion. This product meets all fill-for-life requirements of Ford Motor Company

SAE 80W-90 Premium Rear Axle Lubricant



Note: For a complete drain and refill, some limited-slip axles require addition of Friction Modifier, Part Number XL-3. Refer to Workshop Manual or Owner's Guide.

Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
XY-80W90-QL	WSP-M2C197-A, GL-5, MT-1	1 Qt.	12 (Case Qty.)	173576
XY-80W90-KL	WSP-M2C197-A, GL-5, MT-1	120 Lbs. (16 U.S. gal)	1	173576

Features:

- Motorcraft® SAE 80W-90 Premium Rear Axle Lubricant is an excellent multi-purpose extreme pressure lubricant designed, engineered and recommended by Ford Motor Company meeting warranty requirements. It is recommended for conventional and limited-slip differentials of passenger cars, light trucks, vans and buses that operate under mild to severe service conditions
- Motorcraft® SAE 80W-90 Premium Rear Axle Lubricant is manufactured using premium quality hydroprocessed base oils and performance additives to provide thermal and oxidative stability and protection against gear wear, rust and corrosion. This product meets the requirements of MIL-PRF-2105E & Mack GO-J and is approved by Ford Engineering for use in passenger cars and light-duty trucks which originally specified SAE 90

SAE 75W-90 Premium Synthetic Transaxle Lubricant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	XT-75W90-QGT	GL-5	1 Qt.	12 (Case Qty.)	171872
Features: - Motorcraft® SAE 75W-90 Premium Synthetic Transaxle Lubricant is a premium-quality lubricant designed, engineered and recommended by Ford Motor Company for use in the Ford GT transaxle - It provides excellent gear change and synchromesh performance even at low temperatures - It provides complete lubrications for reduced wear - This fluid is compatible with other synthetic and conventional mineral oil axle lubes					

Transaxle Fluid

SAE 75W-90 Synthetic Axle Lubricant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	XY-75W90-QLS	DANA ES-PM-M2013 and GL-5	1 Qt.	12 (Case Qty.)	173036
Features: - Motorcraft® 75W-90 Synthetic Axle Lubricant is a premium-quality gear lubricant designed, engineered and recommend by Ford Motor Company meeting warranty requirements and specifically recommended for use in the limited-slip differential of the DANA Model 80 rear axle to eliminate chatter - Motorcraft® 75W-90 Synthetic Axle Lubricant is manufactured with high-quality synthetic base oil and unique performance additives. It is specifically formulated for improved high-temperature thermal and oxidative stability. This synthetic formula reduces operating temperatures. It has enhanced wear protection for hypoid gears, excellent shear stability and protection from rust and corrosion. This product meets all fill-for-life requirements of Ford Motor Company					

Note: For a complete drain and fill, some limited-slip axles require addition of Friction Modifier, Part Number XL-3. Refer to the Workshop Manual or Owner's Guide.

Hypoid Gear Oil SAE 90

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XY-90-GL	ESW-M2C105-A	1 U.S. gal	1	172360	N/A
Features: - Protects axle gears against scoring, corrosion and abrasion - For use in Dana M50/M60 Front axles (through Model Year 2002), M60SF, M70FF, M273 limited slip differentials and STEMCO front wheel seals/bearings - Reduces chatter in Dana M60SF limited slip rear axles						

SAE 75W-90 Specialty Power Transfer Unit Fluid

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XY-75W90-PTU	GL-5	500 mL (1.05 pt)	2	174980	N/A
Features: - SAE 75W-90 Specialty Power Transfer Unit Fluid is designed, engineered and recommended by Ford Motor Company meeting warranty requirements - It is manufactured with premium quality synthetic base oils and performance additives to provide excellent anti-wear protection and thermal and oxidative stability. Provides good performance at both high and low ambient temperatures - Recommended for use only in the Power Transfer Unit in Five Hundred, Freestyle and Montego						

Additive Friction Modifier

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XL-3	EST-M2C118-A	4 fluid oz	12	135454	97-98-11 98-5a-27 98-11-10 04-10-1 04-24-20 05-10-1 05-12-6
Features: - For use on certain limited-slip differentials to reduce chatter and hypoid gear noise levels - Use according to Owner Guide recommendations - Tapered neck applicator for easy use						

Premium Long Life Grease

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XG-1-C	ESA-M1C75-B	14 oz	40	046977	98-16-2 98-17-21 98-21-7 01-3-2 02-19-1
	XG-1-K	ESA-M1C75-B	120 lb	1	046977	
	Features: • Use on chassis, ball joints, U-joints, wheel bearings, brake self adjusting screws and steering gear • Resists washout and component wear under extreme pressure • Fights rust, abrasion and high-temperature breakdown • Contains high-density polyethylene and molybdenum disulfide • 275°F (135°C) upper temperature limit; 350°F (177°C) dropping point • NLGI Grade #2					

Constant Velocity Joint Grease (High Temp)

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XG-5	WSS-M1C258-A1	90 g	1	158358/173532	N/A
Features: • High-temperature grease required for service of constant velocity joints • Designed to reduce shudder						

Electrical Grease

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	F8AZ-19G208-AA	WSB-M1C239-A	3 oz	4	123929	97-24-10 98-24-6 00-6-3 03-1-3 04-14-9 04-24-12
	Features: • Lubricates and protects electrical connectors • Provides a non-corrosive film for electrical switches and contacts • Protects connector metals from oxidation and corrosion					

High Contrast Hypoid Gear Marking Compound

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XG-14	N/A	3 oz	4	175211	N/A
Features: • Specially formulated to be non-damaging to axle bearings • Compatible with all Ford/Motorcraft hypoid gear lubricants • Brush-on application						

High Temperature 4X4 Front Axle and Wheel Bearing Grease

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	E8TZ-19590-A (DOESII)	ESA-M1C198-A	14 oz	1	023824	98-14-8 01-3-2 01-11-4
	XG-11 (FAD)	ESA-M1C198-A	14 oz	18	023824	
	Features: • Required lubricant for 4X4 Ford Light Truck front axle spindle bearings, wheel bearings and U-joints • Lithium complex, high-temperature grease • 572°F (300°C) dropping point - will not run off at high temperatures • NLGI grade #2					

High Temperature Nickel Anti-Seize Lubricant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XL-2	ESE-M12A4-A	8 oz	1	029083/174332	98-5a-5 04-18-4
	Features: • Provides high temperature lubrication up to 2552°F (1400°C) • Prevents seizing and galling of metal parts • Guards against rust and corrosion caused by chemicals and weathering • For use when replacing oxygen sensors					

Mini-Vent Window Lube

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XL-10	ESF-M2C113-A	4 fluid oz	1	153958	N/A
	Features: • Durable silicone-based lubricant specially formulated for reducing sliding efforts on mini-vent windows					

Multi-Purpose Grease

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XL-5	ESB-M1C93-B	11.5 oz aerosol	12	164527	97-15-14 03-23-1 04-2-3
	XG-4 (FAD)	ESB-M1C93-B	4 oz tube	4	157831	
	Features: • Outstanding general-purpose grease for use on metal surfaces such as door hinges, seat tracks and deck lid hinges • Continues to lubricate long after application • Not affected by wide temperature operating ranges • Amber color					

Penetrating and Lock Lubricant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XL-1	N/A	12 oz aerosol	12	168705	02-17-12
	Features: • Displaces moisture • Provides exceptional rust penetration • Protects metal parts against corrosion • Helps free rusty/seized parts					

PTFE Lubricant

	Part Number	Specification Number	Size	Unit Package	MSDS /FIR Number	TSB
	D2AZ-19590-A	ESB-M1C111-A	1 lb	1	001860/173865	97-13-21 98-17-21 00-25-8 04-1-6 04-26-6
	XG-8	ESB-M1C111-B	3 oz tube	1	001860/173865	
	Features: • For use with driveshaft slip yokes; especially where grunt-type noise is experienced • Useful in eliminating squeaks between plastic parts • For use on speedometer cables; stops squeaking, sticking and binding					

Silicone Brake Caliper Grease and Dielectric Compound

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB	
	XG-3-A	ESE-M1C171-A	3 oz	12	014471	97-10-3 98-5a-19 98-5a-22 98-5a-23 98-5a-29 98-5-4 98-19-2 98-23-6 99-5-7	99-8-10 00-6-9 01-22-4 03-7-2 03-22-6 04-21-6 04-22-13 05-10-21
	Features: Brake Application • Lubricates disc brake caliper slide pins • High resistance to water and heat • Compatible with EPDM rubber Ignition System Applications • Provides high voltage seal to secondary ignition wires • Suppresses voltage leaks by coating inner distributor cap surface						

Silicone Heat Transfer Compound

	Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number	TSB
	XG-6	ESF-M99G123-A	60 g	1	020289	N/A
	Features: • Aids heat transfer between fitted components such as temperature sensors • Approved for use in the Electric Ranger					

Silicone Spray Lubricant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XL-6	ESR-M13P4-A	13 oz aerosol	12	165207	98-11-8 00-26-3 04-22-10
	Features: • Lubricates window channels and rubber hood strips • Helps prevent battery terminal corrosion • High silicone content • Lubricates and helps prolong the life of rubber parts					

Synthetic Supercharger Fluid

	Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number	TSB
	XL-4	ESE-M99C115-A	4 fluid oz	1	042166	N/A
	Features: • Required for top-off of fluid level in superchargers on: - 89-96 3.8L Thunderbird SC - 99-03 5.4L Lightning F-150 - 02-03 5.4L Harley Davidson F-150 - 03-04 4.6L Mustang Cobra • Tapered neck applicator bottle for easy use					

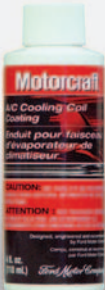
Power Steering Fluid

	Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number	TSB
	F7AZ-3F823-AA (DOESII)	ESW-M2C33-F	12 fluid oz	48	148095	05-6-13 05-9-1
	XL-8 (FAD)	ESW-M2C33-F	12 fluid oz	48	148095	
	Features: Recommended for all power steering pumps which require Type F fluid Note: Type F should only be used for power steering systems built before 1996-1998 time frame. Check Owner Guide for correct application.					

Premium Power Steering Fluid

	Part Number	Specification Number	Size	Unit Package	MSDS/ FIR Number	TSB
	F7AZ-3F823-BA (DOESII)	MERCON®	12 fluid oz	48	173533	98-5a-22 04-24-10
	XL-9 (FAD)	MERCON®	12 fluid oz	48	173533	
	Features: • Recommended for all power steering systems which require MERCON® fluid Note: All power steering systems built after 1998 require the use of MERCON® fluid.					

A/C Cooling Coil Coating

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	YN-29	N/A	4 fluid oz	2	166422	03-5-6
Features: • Combination acrylic resin and powerful antimicrobial formula eliminates A/C musty odor-causing conditions • For use in all Ford, Lincoln and Mercury vehicles • One application provides protection for 2 - 3 years • Use with Rotunda Sure Shot Pressure Sprayer, Part Number 164-R4700, or Rotunda Flexible Applicator Tool Kit, Part Number 258-00004 • Refer to the applicable Workshop Manual or TSB for application instructions						

A/C System Flushing Solvent

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	YN-23	N/A	1 U.S. gal	4	173628	02-20-8
Features: • New formulation has significantly improved flushing performance and reduced odor • Use to purge the A/C system in the event of contamination • Use with Rotunda A/C Flusher, Part Number 219-00022 • Carefully follow all label and equipment directions						

Cooling System Stop Leak Pellets

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	VC-6	WSS-M99B37-B6	2 - 10 g pellets per blister card	24	165817	N/A
Features: • Seals and prevents minor leaks in the entire cooling system • New formulation - does not produce coolant discoloration • Safe for use with all automotive coolant types • Use 1 - 2 pellets for cooling systems up to 8 L (8.45 qt) and 2 - 4 pellets for larger cooling systems • Add to the cooling system once a year and at every coolant changeout						

Electric Vehicle A/C Compressor Oil

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	YN-22	N/A	7 fluid oz	1	047875	N/A
Features: • For use in high-voltage electric compressors used in electric vehicle applications such as the Ford Electric Vehicle (EV) Ranger • Do not use in any other A/C system						

PAG Refrigerant Compressor Oil

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	YN-12-D F7AZ-19589-DA (YN-12-C)	WSH-M1C231-B	7 fluid oz	12	173919/123567	97-15-5 98-12-5 02-20-8 04-24-6
Features: - Required in the majority of non-electric vehicle A/C systems equipped with R-134a refrigerant - Use to replace compressor oil lost by leaks or by replacement of an A/C system part Use only where specified. Use when YN-12-(A, B, C, or D) is specified - For O.E. and Retrofit A/C Systems equipped with R-134a refrigerant						

Heavy Truck PAG Refrigerant Compressor Oil

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	YN-24	WST-M1C231-B2	7 fluid oz	1	168868	N/A
Features: - For use in heavy trucks equipped with Sanden compressors where SP-20 or SP-15 is specified - High viscosity PAG lubricant Use only where specified - do not use as a substitute for YN-22 or YN-12-(A, B, C, or D)						

A/C & Engine Cooling Products

R-134a Refrigerant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	YN-19	WSH-M17B19-A	30 lb non-refillable cylinder	1	045167	00-5-1 02-20-8 05-14-11
	YN-21	WSH-M17B19-A	30 lb non-refillable cylinder	40	045167	
	Features: • Meets the A/C system recharge or replacement needs of model vehicles equipped with R-134a refrigerant • Each cylinder is checked for compliance with Ford specifications for purity and for correct fill weight prior to shipment					

Premium Cooling System Flush

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	VC-1	ESR-M14P7-A	22 fluid oz	12	166625	N/A
Features: - New fast flush formulation - compatible with all coolant types and leaves no petroleum odor or residue - Use to flush engine cooling system whenever coolant is changed or repairs are required - Non-acid formulation does not require a neutralizer. Safe for aluminum water pumps						

Premium Engine Coolant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	VC-4-A	ESE-M97B44-A	1 U.S. gal	6	163917	98-8-6 01-11-6 01-23-6
	VC-5 (Bittering agent added)	ESE-M97B44-A	1 U.S. gal	6	164315	
	VC-4-B	ESE-M97B44-A	55 U.S. gal	1	163917	
	VC-5-B (Bittering agent added)	ESE-M97B44-A	55 U.S. gal	1	164315	
Note: VC-4-A — Not for retail sale in California, Bernalillo County, NM and Oregon VC-5 — For retail sale in California, Bernalillo County, NM and Oregon VC-4-B — Not for retail sale in Bernalillo County, NM and Oregon VC-5-B — For retail sale in Bernalillo County, NM and Oregon Features: • Green-colored, conventional, ethylene glycol-based, universal coolant formulation for use in gasoline and diesel engines • Approved for engines with aluminum radiators and/or aluminum heads as well as conventional engines • Provides year-round antifreeze, anti-boil and corrosion protection • A 50/50 mixture of coolant and distilled water provides freeze protection down to -34°F (-36°C) and boiling protection up to 265°F (129°C) • Do not use this coolant in cooling systems originally equipped with any orange-colored, extended-life coolant such as Motorcraft® Specialty Orange Engine Coolant, meeting Ford Specification WSS-M97B44-D or with the yellow-colored, longer-life coolant, Motorcraft® Premium Gold Engine Coolant, meeting Ford Specification WSS-M97B51-A1						

Diesel Cooling System Additive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	VC-8	ESN-M99B169-A	16 fluid oz	12	028397	N/A
Features: • Use only where specified - Use in all heavy-duty, diesel engine cooling systems equipped with the green-colored Motorcraft® Premium Engine Coolant meeting Ford Specification ESE-M97B44-A - Use in heavy-duty trucks equipped with the Caterpillar 3126E engine and equipped with the yellow-colored Motorcraft® Premium Gold Engine Coolant meeting Ford Specification WSS-M97B51-A1 • Designed to replace additives depleted between cooling changeouts						

Premium Gold Engine Coolant

	Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number	TSB
	VC-7-A	WSS-M97B51-A1	1 U.S. gal	6	159650	01-23-6 02-3-4 02-23-7
	VC-7-B (Bittering agent added)	WSS-M97B51-A1	1 U.S. gal	6	161635	
	VC-7-C	WSS-M97B51-A1	55 U.S. gal	1	159650	
	VC-7-D (Bittering agent added)	WSS-M97B51-A1	55 U.S. gal	1	161635	
Note: VC-7-A — Not for retail sale in California, Bernalillo County, NM and Oregon VC-7-B — For retail sale in California, Bernalillo County, NM and Oregon VC-7-C — Not for retail sale in Bernalillo County, NM and Oregon VC-7-D — For retail sale in Bernalillo County, NM and Oregon Features: • Yellow-colored, longer-life, ethylene glycol-based engine coolant for use in gasoline and diesel engines • Provides year-round antifreeze, anti-boil and corrosion protection • A 50/50 mixture of coolant and distilled water provides freeze protection down to -34°F (-36°C) and boiling protection up to 265°F (129°C) • Use only where specified. Do not use this product in systems originally equipped with any green-colored, conventional engine coolant such as Motorcraft® Premium Engine Coolant, meeting Ford Specification ESE-M97B44-A or with any orange-colored, extended-life engine coolant such as Motorcraft® Specialty Orange Engine Coolant, meeting Ford Specification WSS-M97B44-D						

Specialty Orange Engine Coolant

Part Number	Specification Number	Size	Unit Package	MSDS / FIR Number	TSB
VC-2	WSS-M97B44-D	1 U.S. gal	6	160075	01-23-6
VC-3 (Bittering agent added)	WSS-M97B44-D	1 U.S. gal	6	165322	
Note: VC-2 - Not for retail sale in California, Bernalillo County, NM and Oregon VC-3 - For retail sale in California, Bernalillo County, NM and Oregon Features: • Orange-colored, ethylene glycol-based, extended-life coolant • For use only in Mercury Cougar and Ford Electric Vehicle (EV) Ranger, MYs 1999-2002 • Provides year-round antifreeze, anti-boil and corrosion protection • A 50/50 mixture of coolant and distilled water provides freeze protection down to -34°F (-36°C) and boiling protection up to 265°F (129°C) • Use only where specified. Do not use this product in systems originally equipped with any green-colored, conventional engine coolant such as Motorcraft® Premium Engine Coolant, meeting Ford Specification ESE-M97B44-A or with the yellow-colored, longer-life Motorcraft® Premium Gold Engine Coolant, meeting Ford Specification WSS-M97B51-A1 • Meets the requirements of WSS-M97B44-D, GM6277M and ASTM D 3306-00a • Compatible with Dex-Cool® engine coolant					

Metal Brake Parts Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-4	N/A	15 oz aerosol	12	166761	99-5-4 02-21-1 04-26-7 05-4-7 05-9-10
Features: - Spray away grease and oil from metal brake parts - Fast cleaning - fast drying - New and improved spray nozzle helps direct the spray - Low Volatile Organic Compound (VOC) formula, meets California Air Resource Board (CARB) requirements for Brake Parts Cleaner - Contains no chlorinated solvents or Chlorofluorocarbon (CFC) propellants						

High Performance DOT 3 Motor Vehicle Brake Fluid

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-1	ESA-M6C25-A	12 fluid oz	12	175108/002092	98-5a-50 99-1-6
Features: - For vehicles with disc, drum or ABS brakes - Factory-fill formulation - Minimum dry boiling point of 550°F (288°C) - Meets DOT 3, SAE J1703 and FMVSS 116 specification						

Silicone Brake Caliper Grease and Dielectric Compound

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	XG-3-A	ESE-M1C171-A	3 oz	12	014471	97-10-3 98-5a-19 98-5a-22 98-5a-23 98-5a-29 98-5-4 98-19-2 98-23-6 99-5-7 99-8-10 00-6-9 01-22-4 03-7-2 03-22-6 04-21-6 04-22-13
Features: Brake Application - Lubricates disc brake caliper slide pins - High resistance to water and heat - Compatible with EPDM rubber Ignition System Applications - Provides high voltage seal to secondary ignition wires - Suppresses voltage leaks by coating inner distributor cap surface						

Carburetor Tune-Up Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-2	N/A	18 oz aerosol	12	159419	01-19-7 04-19-2
	PM-3	N/A	16 fluid oz	12	159220	
	Features: • Remove gums and other deposits from air/fuel induction systems of gasoline engines • Free sticking valves and sluggish compression rings • Purge excessive deposits from the combustion chambers • Ideal for spray cleaning of varnished steel or cast iron parts normally hand cleaned on bench operations					

Gas Stabilizer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-16	ESE-M99C112-A	8 fluid oz	12	037894	N/A
Features: • Add to gasoline when vehicle will not be driven for 60 days or more • Keeps fuel fresh - prevents premature oxidation • Neutralizes harmful metallic catalysts						

Power Flush Injector Fluid

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-5	N/A	8 fluid oz	12	158039	03-18-3 03-20-6 05-6-13 05-9-1
	Features: • For use with injector cleaning equipment • Fast action-cleans dirty injectors in minutes • Reduces deposit-related engine knock • Do not add to fuel tank					

Premium Fuel Injector Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-6	ESE-M14P16-A	12 fluid oz	12	167146	N/A
Features: • Pour in fuel tank to clean dirty injectors while you drive • High-strength formulation - usually cleans injectors with one treatment • Reduces deposit-related engine knock • Removes intake valve deposits						

Pressurized Fuel Injector Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	CM-1001	ESE-M14P17-A	10 fluid oz	1	045361	N/A
Features: • Helps restore fuel system components to factory-specification performance with just one treatment • Cleans entire fuel injection system • Removes deposits from gasoline engine fuel injectors, intake valves, combustion chambers and fuel induction system • Use only with Ford Fuel Injector Cleaner Application Kit, CM-1000 • For professional use only						

Professional Choke and Linkage Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-14	WSS-M14P10-B	13 oz aerosol	12	168654	N/A
Features: • Sprays away grease, sludge, gum and varnish from the throttle plates, throttle bodies and other induction system components • Helps clean oil and dirt from choke, carburetor linkage and manifold heat controls						

Anti-Corrosion Coating

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	Low Temperature Coating PM-12-A	N/A	16 fluid oz	4	163930	03-21-46 03-26-4 04-4-1 04-21-8 04-25-17 04-26-16 04-26-17 05-1-1 05-12-7
	Low Temperature Coating PM-12-B	N/A	55 U.S. gal drum	1	166930	
	High Temperature Coating PM-13-A	N/A	16 fluid oz	4	166329	
Features: • Excellent long-lasting corrosion protection and mar resistance • Apply with brush, roller or spray • Surface must be free of oil, dirt and other foreign material (see product sheets for cleaning requirements unique to each product) • Apply at 2.5 mil. film thickness • Approximately 300 sq. ft / gallon at 2.5 mil. film thickness Low Temperature Coating (PM-12-A and PM-12-B) • Must be stored between 35°F and 70°F (2°C and 21°C) DO NOT FREEZE • Water-based formula • For service temperatures not to exceed 180°F (82°C) • For use in under-body and chassis fittings, formed metal parts, castings and any application requiring corrosion and chip resistance High Temperature Coating (PM-13-A) • Solvent-based formula • For service temperatures exceeding 180°F (82°C)						

Finish Enhancement Compound Backing Pad

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-39-B	N/A	6" diameter	1	N/A	02-16-3
	Features: • Pre-Delivery and Body Shop Application: Due to the use of harder clearcoats on the paint of vehicles produced today, a new polishing product and process was needed. The Motorcraft® Finish Enhancement Compound Kits were developed to meet that need. This special six-inch backing pad for use in a dual action (D/A) Buffer must be used with the polishing discs that are included in the kits • Ford Motor Company Paid Repairs: The new Motorcraft® Finish Enhancement Compound Kit and the procedures developed for its use are now the only approved product and process for Ford Motor Company paid repairs involving polishing operations. Any and all previously approved polishing procedures have been superseded by this product and the guidelines for its use. Please reference TSB 02-16-3 and the "Perfect Delivery Procedure" website, located on www.fmcdealer.dealerconnection.com, for information on the proper use of this product					

Finish Enhancement Compound Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-39-A	N/A	32 fluid oz 30 discs	1	165024	02-16-3
Features: • Pre-Delivery and Body Shop Application: Due to the use of harder clearcoats on the paint of vehicles produced today, a new polishing product and process was needed. The Motorcraft® Finish Enhancement Compound Kits were developed to meet that need • Extensive testing was conducted using state-of-the-art Digital Image Analyzers to develop this product, yielding results that are superior to any currently available materials. It has been tested on all OEM and Refinish clearcoat systems for compatibility • Ford Motor Company Paid Repairs: The new Motorcraft® Finish Enhancement Compound Kit and the procedures developed for its use are now the only approved product and process for Ford Motor Company paid repairs involving polishing operations. Any and all previously approved polishing procedures have been superseded by this product and the guidelines for its use. Please reference TSB 02-16-3 and the "Perfect Delivery Procedure" website, located on www.fmcdealer.dealerconnection.com, for information on the proper use of this product Note: Motorcraft® Finish Enhancement Compound Kit is designed for use with Motorcraft® Finish Enhancement Compound Backing Pad (Part # ZC-39-B)						

Flexible Foam Repair

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-4	N/A	1.7 fluid oz	1	157793/157794	01-18-2
Features: • Deadens vibrations, fills voids and seals • Resists water absorption • Expands to 10 times its size • Super flexible formula retains its memory with no shrinkage • Stops wind noise and water leaks • Matches OEM sound deadening foams • Paintable • Typical applications include: Replacement of OEM mastic sealing and filling of: door skins to impact bar, between hood inner and outer panels, between trunk inner and outer panels, fuel door opening, pillar posts, roof rails and quarter panels • Use applicator gun Rotunda Part Number 501-040						

Isopropanol Cleaning Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-4	N/A	1 kit	1	159277	01-18-2 01-22-4 03-18-4 05-6-4
Features: • Kit contains: one, 1 fluid oz bottle of isopropyl alcohol and one cotton rag • Use for ABS or metal surface preparation prior to adhesive application • Removes dirt, oil and grease from metal surfaces • For industrial use only						

Metal Bonding Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-1	N/A	1.7 fluid oz	1	156626/161171	01-18-2 01-19-6 04-17-3 04-18-11 04-24-1 04-26-16 04-26-17
Features: • Easy to use formula creates uniform bondline thickness every time despite differences in clamping techniques • No welding needed • Replacement of OEM structural adhesives when specified in service publications • Door skin replacement as specified on www.FMCDealer.com • Tough modified acrylic formula • For bonding cold rolled steel, galvanized steel, aluminum and scuffed e-coat as specified in service publications • Built-in color indicator turns from beige to green when initial set has been achieved • Use applicator gun Rotunda Part Number 501-040						

Metal Patch Panel Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-3	N/A	1.7 fluid oz	1	153433/159343	01-18-2
Features: • Easy to use formula creates uniform bondline thickness every time despite differences in clamping techniques • For bonding metal repair patch panels to cold rolled steel, galvanized steel aluminum and scuffed e-coat as specified in service publications • No welding needed • Tough modified acrylic formula • Replacement of OEM Structural Adhesive when specified in service publications • 5-8 minute work life • Built-in color indicator turns from beige to green when initial set has been achieved • Provides corrosion protection • Use applicator gun Rotunda Part Number 501-040						

Metal Surface Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-21	WSE-M5B392-A	16 fluid oz	4	134216	01-12-2 01-21-10 03-6-4 05-3-5 05-12-6
Features: • Cleans and degreases metal surfaces • Use for cleaning metal parts prior to applying RTV silicones • Not for use on plastic						

Metal Surface Prep

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-31	N/A	16 fluid oz	12	162886	02-11-4 02-21-13 03-6-2 05-10-10 05-10-13
Features: • Cleans and degreases metal surfaces. Removes light RTV residue • Use as surface preparation prior to applying RTV silicones • Gel formula permits use on vertical surfaces and extended soaking for heavy residue • Not for use on plastic Note: As described in TSB 02-11-4, the product is designed to be used with Motorcraft® Silicone Gasket Remover, ZC-30.						

Plastic Bonding Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-9	N/A	1.7 fluid oz	1	159252/159253	01-18-2 04-8-5 04-16-9 04-19-9 05-8-3
Features: • A structural adhesive for bonding a variety of plastics to plastics and plastics to primed, painted or e-coated metals • Fast setting at room temperature • Easy to gun, non-sag formula • Also great for general purpose bonding of trim components • High strength structural urethane adhesive • No VOC's, 100% solids • Use applicator gun Rotunda Part Number 501-040						

Refinishing Clay

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-43	N/A	200 g	1	166321	N/A
Features: • Removes rail dust, brake dust, overspray and industrial fallout • Safe for use on automotive surfaces; painted metal and plastic, glass, chrome and stainless steel • Fast, easy, non-abrasive formula • Use Detail Wash, ZC-3-A, as a lubricant						

Repair Urethane Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-2	N/A	10.3 fluid oz	1	156144	01-18-2 01-19-6 02-17-4 04-18-11 04-26-4 04-26-16
Features: • Fast-curing • Permanently flexible • Excellent bond strength • Paintable in 10 minutes • Will not shrink, crack or peel • Bonds to all primed or painted metals, and most automotive plastics • Heavy bodied, non-sag formula • Immediately bakeable • Typical applications include: Duplicating factory look on: standing cosmetic seams, truck bed seams, tooled door skin seams, floor pans, core supports. Anywhere a non-sag, cosmetic seam sealer is required. • Available in 10.3 oz. (305 ml) aluminum caulk tubes						

Roof Ditch Sealer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-15	N/A	10.1 fluid oz	1	162993/162994	02-21-4 04-26-4
Features: • Two tubes required for typical repair • Excellent self-leveling capabilities • Ideal for matching factory flow grade seams on: drip rails, trunks, core support to aprons, roof seams, quarter panels to rear decks and water leaks • Can be used over acid etch, urethane and epoxy primers • Paintable after 30 - 60 seconds						

Structural Foam Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-12	WSS-M99P35-A	1 kit	1	161228/158751	01-21-9 03-2-4 04-8-2
Features: • Kit contains four cartridges of Motorcraft® Structural Foam and one piece of baffle foam • For use in the 2002 Explorer and Mountaineer • Reinforces joints, body panels and cavities – see the TSB for specific repair information						

Trim and Weather Strip Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-14	N/A	16 fluid oz	4	162590	03-15-12 04-9-5
Features: • Excellent “multi-purpose” bond. A must for every shop • Bonds many plastics, steel, aluminum, fabrics, wood, vinyl trim and many other vehicle component surfaces without heat or curing • Resistant to gasoline, kerosene, anti-freeze and most other solvents as well as excellent resistance to water • Will withstand vibration and extreme temperature changes • Typical applications include the bonding and repairing of body side molding, emblems, trim, bumper impact strips, carpeting, door and trunk						

Pneumatic Dual Cartridge Applicator Gun

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-11	N/A	N/A	1	N/A	04-8-2
Features: • For fast and easy application of long beads from 10.1 oz (300 ml) and 7.6 oz (225 ml) cartridges • Pre-configured to dispense 7.6 oz (225 ml) 2:1 cartridges • Includes conversion kit to enable dispensing of 10.1 oz (300 ml) 1:1 cartridges • For use with Motorcraft® Roof Ditch Sealer (TA-15) and the structural foam found in kits TA-12 and 4W73-5B118-AA						

Manual Dual Cartridge Applicator Gun

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-10	N/A	N/A	1	N/A	04-8-2
Features: • For use with 10.1 oz (300 ml) and 7.6 oz (225 ml) cartridges • Pre-configured to dispense 10.1 oz 300 ml 1:1 cartridges • Easy conversion to 2:1 7.6 oz (225 ml) cartridges (parts included) • Features tempered, built-in nozzle cutter for easy controlled custom bead sizing • For use with Motorcraft® Roof Ditch Sealer (TA-15) and the structural foam found in kits TA-12 and 4W73-5B118-AA						

Acid Neutralizer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-1-A	N/A	1 U.S. gal	4	152625	04-9-6
Features: - Neutralizes acids which may have been deposited on the paint surface during transportation and storage - Removes waxes and hard water spots - Excellent pre-wash for body shop - removes silicones, waxes and other contaminants before sanding - Saves time when applied to used vehicles - removes oxidation and reduces buff time Note: Use of this product is the first step in the Ford-recommended neutralizing, cleaning, three-step process for automotive finishes as specified per TSB 04-9-6. All three products must be used for complete neutralization.						

Alkaline Neutralizer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-2-A	N/A	1 U.S. gal	4	152570	04-9-6
Features: - Deep cleans painted surfaces to remove alkaline deposits - Dissolves ferrous metal particles while breaking their bond to the paint so that they safely and easily float away Note: Use of this product is the second step in the Ford-recommended neutralizing, cleaning, three-step process for automotive finishes as specified per TSB 04-9-6. All three products must be used for complete neutralization.						

Bug and Tar Remover

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-42	N/A	16 fluid oz	12	167202	N/A
Features: - Multiple deposit remover - cuts tar, asphalt, rust proofing, road oils and gummy materials, as well as, removes insects without excessive scrubbing - Safe for use on all Ford, Lincoln and Mercury exterior production vehicle finishes Note: For best results, wash the surface with Motorcraft® Detail Wash, ZC-3-A, after using Bug and Tar remover.						

Car Care Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-26	N/A	1 kit	1	012267 / 019761 124337 / 172767 172787	N/A
Features: - Complete kit provides everything your customer needs to care for the interior and exterior of their vehicle: Car Wash, Tire Clean and Shine, Glass Cleaner, Leather and Vinyl Cleaner, a Dusting Cloth, application sponges and a drying cloth - all packaged inside a 3.5 U.S. gallon bucket with a lid that serves as a seat - Great idea for customers looking for tips on how to care for their new vehicle - Perfect gift idea for "car buffs"						

Car Care Sample Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-27	N/A	1 kit	6	012267 / 019761 172767 / 172787	N/A
Features: - Sample kit provides sample size versions of great car care products: Car Wash, Tire Clean and Shine, Glass Cleaner and a Dusting Cloth - Great idea for customers looking for tips on how to care for their new vehicle - Perfect gift idea to show customer appreciation						

Custom Bright Metal Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-15	ESR-M5B194-B	16 fluid oz	12	002638	97-26-13 98-1-13
Features: - Removes rust from pitted chrome and quickly removes salt and road chemicals - Helps restore shine to chrome, aluminum and brass - Rub on, let dry and then wipe off. Fast dissolving action saves time Note: Do not use on clear coated and painted surfaces						

Custom Clear Coat Polish

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-8-A	N/A	16 fluid oz	12	128368	N/A
	ZC-8-B	N/A	5 U.S. gal Bag-n-Box	1	128368	
	Features: • Formulated especially for today's clear coat finishes • Quick and easy application • Modern polish technology employs the benefits of both silicone and carnauba wax • Mild formula won't scratch clear coat finishes • Use where deep gloss and shine are desired					

Custom Vinyl Protectant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-40-A	N/A	16 fluid oz	12	046698	N/A
	ZC-40-B	N/A	5 U.S. gal Bag-N-Box	1	046698	
	Features: • Adds a deep luster appearance to vinyl upholstery, vinyl roofs, tires, bumper rub strips and simulated wood trim • Enhances the beauty of interior and exterior vinyl, rubber and plastic surfaces. Do not apply to upper instrument panel or other areas where a high gloss is undesirable • Contains a premium silicone ingredient for a deep luster appearance • Not for use on acrylic cloth convertible tops					

Dash and Vinyl Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-38-A	N/A	16 fluid oz	12	164489	03-8-2
	ZC-38-B	N/A	1 U.S. gal	6	164489	
	ZC-38-C	N/A	5 U.S. gal Bag-N-Box	1	164489	
	Features: • Mild cleaner safe for use on dash and vinyl surfaces • Formulated to effectively clean interior dashes and vinyl surfaces without causing glare					

Deluxe Leather and Vinyl Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-11-A	ESR-M14P4-A	8 fluid oz	12	124337	N/A
	ZC-11-B	ESR-M14P4-A	1 U.S. gal	4	124337	
	ZC-11-C	ESR-M14P4-A	5 U.S. gal Bag-N-Box	1	124337	
	Features: • Cleans and protects coated leather and vinyl surfaces in one application • Can be polished to high sheen with use of a clean, dry cloth • Do not polish surfaces on which a high gloss is undesirable (i.e., upper instrument panel)					

Deluxe Leather Care Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-11-D	ESR-M14P4-A	N/A	6	124337	N/A
Features: • Quick and easy way to clean coated leather and vinyl seating surfaces • For best results, use on high wear areas every 4 - 6 weeks • Specially designed sponge will not damage today's leather surfaces • Each kit contains one, 8 fluid oz bottle of Deluxe Leather and Vinyl Cleaner and one 3" x 6" Leather Cleaning Sponge						

Detail Wash

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-3-A	ESR-M14P4-A	1 U.S. gal	4	152626	03-10-1 04-9-6
Features: • A great vehicle wash • Returns paint to its original factory pH level • Excellent for everyday use. The pH 7.0 (neutral) formula removes dirt without stripping waxes, polishes or sealants Note: Use of this product is the third step in the Ford-recommended neutralizing cleaning, three-step process for automotive finishes as specified per TSB 04-9-6. All three products must be used to ensure complete neutralization.						

Dusting Cloth



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
ZC-24	ESR-M99H93-B	15"x26.5"	24 (Display Package)	012267	N/A
ZC-25	ESR-M99H93-B	15"x26.5"	100 (Gift Box)	012267	
ZC-46	ESR-M99H93-B	15"x26.5"	100 (Holiday Gift Box)	012267	

Features:

- For use on interior and exterior vehicle surfaces
- Special wax treatment polishes surfaces as you clean them
- Acts like a magnet to attract dust and dirt - cleans car surfaces as well as office and home furniture
- 24 pack shipped in countertop point-of-purchase display
- 100 pack available with either gift or holiday boxes. The gift box is suitable for year-round-use as a premium gift for new and used vehicle purchases. Add up to four lines of free imprint text on the back of the carton

Dusting Cloth Mitts

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-47	ESR-M99H93-B	2 Mitts/Bag	24 bags	012267	N/A
Features: • For use on interior and exterior vehicle surfaces • The mitts can be turned inside-out for additional use • Special wax treatment polishes surfaces as you clean • Quickly cleans vehicle, office and home furniture surfaces. Acts like a magnet to attract dust and dirt						

Engine Shampoos

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	Engine Shampoo and Degreaser ZC-20	ESR-M14P3-A	17.25 oz aerosol	12	130107 / 172983	N/A
	Water Base Engine Shampoo ZC-7	ESR-M14P3-A	5 U.S. gal Bag-in-Box	1	046809	
	Features: • Cleans grease, oil and road dirt from engine and engine compartment prior to painting or performing engine repair • Concentrated, water-based formula may be applied using a sprayer. Use the handy aerosol can for individual components and small surface areas • Use to clean transmission housings, hydraulic equipment, enclosed electric motors, generator housings, gear casings and hand tools					

Professional Strength Carpet & Upholstery Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-54	N/A	18 oz aerosol	12	171146	N/A
Features: • Aerosol system provides excellent delivery of foaming product for deep cleaning • Use on all automotive velour and pile-type fabrics. Do not use on silk, velvet, vinyl or leather surfaces • Removes dirt, grease and grime to restore a like-new appearance						

Finish Enhancement Compound Backing Pad

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-39-B	N/A	6" diameter	1	N/A	02-16-3
 Features: • Pre-Delivery and Body Shop Application: Due to the use of harder clearcoats on the paint of vehicles produced today, a new polishing product and process was needed. The Motorcraft® Finish Enhancement Compound Kits were developed to meet that need. This special six-inch backing pad for use in a dual action (D/A) Buffer must be used with the polishing discs that are included in the kits • Ford Motor Company Paid Repairs: The new Motorcraft® Finish Enhancement Compound Kit and the procedures developed for its use are now the only approved product and process for Ford Motor Company paid repairs involving polishing operations. Any and all previously approved polishing procedures have been superseded by this product and the guidelines for its use. Please reference TSB 02-16-13 and the "Perfect Delivery Procedure" website, located on www.fmcdealer.dealerconnection.com, for information on the proper use of this product						

Finish Enhancement Compound Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-39-A	N/A	32 fluid oz 30 discs	1	165024	02-16-3
 Features: • Pre-Delivery and Body Shop Application: Due to the use of harder clearcoats on the paint of vehicles produced today, a new polishing product and process was needed. The Motorcraft® Finish Enhancement Compound Kits were developed to meet that need Extensive testing was conducted using state-of-the-art Digital Image Analyzers to develop this product, yielding results that are superior to any currently available materials. It has been tested on all OEM and Refinish clearcoat systems for compatibility • Ford Motor Company Paid Repairs: The new Motorcraft® Finish Enhancement Compound Kit and the procedures developed for its use are now the only approved product and process for Ford Motor Company paid repairs involving polishing operations. Any and all previously approved polishing procedures have been superseded by this product and the guidelines for its use. Please reference TSB 02-16-13 and the "Perfect Delivery Procedure" website, located on www.fmcdealer.dealerconnection.com, for information on the proper use of this product Note: Motorcraft® Finish Enhancement Compound Kit is designed for use with Motorcraft® Finish Enhancement Compound Backing Pad (ZC-39-B)						

One Step Wash and Wax Concentrate

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-6-A	ESR-M14P12-A	16 fluid oz	12	172787	N/A
	ZC-6-B	ESR-M14P12-A	5 U.S. gal Bag-in-Box	1	172787	
Features: • One step convenience — wash and waxes in a single application • Air dries to a shine • Can be buffed by hand or machine for extra high-gloss finish • Regular use maintains the new car shine						

Paint Sealant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-45	N/A	16 fluid oz	12	166185	N/A
	Features: • Protects painted surfaces • Creates a lustrous, high-gloss finish • Hides minor scratches • Body shop safe					

Premium Car Wash Concentrate



Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
ZC-17-B	N/A	16 fluid oz	12	048943	N/A
ZC-17-A	N/A	1 U.S. gal	4	048943	
ZC-17	N/A	5 U.S. gal Bag-in-Box	1	048943	

Features:

- Highly resistant to water spotting
- Low sudsing
- Provides a film-free and thorough cleaning
- Effectively removes everyday road dirt, oil and grease

Premium Liquid Wax

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-53-A	N/A	16 fluid oz	12	170771	N/A
Features: • Contains Carnauba wax for a deep, rich gloss • Withstands detergent washes • Fast and easy to use; no hard buffing required • Safe for clear coat finishes						

Premium Windshield Washer Concentrate

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-32-A	WSB-M8B16-A2	16 fluid oz	12	163339	N/A
	ZC-32-B	WSB-M8B16-A2	32 fluid oz	12	163339	
	ZC-32-C	WSB-M8B16-A2	55 U.S. gal	1	163339	
Features: • Concentrated formula - product label displays handy application chart showing water/ windshield washer fluid mixing ratios. Use chart to obtain appropriate freeze protection and volatile organic compound (VOC) concentration • Cleans off bugs, dirt and road film fast • Use at full strength to remove wax buildup on windshield wipers • Contains a bittering agent (taste adversant) Note: Federal, state and/or local regulations may limit the concentration of volatile organic compounds (VOCs) in windshield washer fluid mixtures. Check applicable regulations before mixing.						

Spot and Stain Remover - Upholstery

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-14	N/A	16 fluid oz	12	124473	N/A
	ZC-35	N/A	5 U.S. gal Bag-in-Box	1	124473	
	Features: • Effectively removes spots and stains on automotive upholstery • Non-flammable, water-based formula • Contains no chlorinated solvents • Fast-acting and easy to use • Great for use on grease, oil, stains and ground-in dirt • Safe to use in cleaning automotive interior fabrics					

Tire Dressings

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	Tire Clean and Shine ZC-28	N/A	15 oz aerosol	12	165839 / 172767	N/A
	Tire Detailer ZC-29-B	N/A	5 U.S. gal Bag-in-Box	1	163668	
	Features: • Cleans and shines lightly-soiled tires in one easy step • Spray on and let dry - no rinsing, rubbing or buffing is necessary • Gives tires a satin, light-gloss finish • Apply a heavier volume to yield a higher gloss finish					

Triple Clean

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-13	ESR-M14P4-A	16 fluid oz	12	012197	01-22-4
	Features: • Use on convertible and vinyl tops as well as tires • New trigger sprayer for easy application • For exterior use only					

Ultra-Clear Spray Glass Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-23	ESR-M14P5-A	18 oz aerosol	12	019761	04-24-5
	Features: • Non-streaking, foaming cleaner • Removes smudges, film and smears • Not harmful to painted surfaces • Formulated for automotive use • Great for new car/truck detailing - excellent for removing transit coating from all glass surfaces, including mirror glass • Use only as directed. Do not use on surfaces other than glass and mirrors					

Wheel and Tire Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-37-A	N/A	16 fluid oz	12	164646	N/A
	ZC-37-B	N/A	1 U.S. gal	6	164646	
	ZC-37-C	N/A	5 U.S. gal Bag-in-Box	1	164646	
Features: • The only tested and approved product for cleaning wheels on Ford Motor Company vehicles • Effectively removes brake dust • Spray-on, hose-off formula • May require some agitation with sponge for heavier deposits • Combination product also safely cleans tires						

Heavy Duty Hand Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-48	N/A	2000 ml	4	133965	N/A
Features: • Works on the heaviest grease and grime - including oil, asphalt and tar - without unnecessarily damaging the skin • Contains a natural, non-irritating scrubbing medium that works to physically loosen and remove embedded soils • Contains emollients and conditioner • Waterless formula for use anywhere, anytime • Rinses off quickly and completely • Will not clog drains like other hand cleaners • Motorcraft® Hand Care System Refill Cartridge for use with Motorcraft® 2000 ml Hand Cleaner Dispenser Part # ZC-51						

Orange Pumice Hand Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-49	N/A	2000 ml	4	133964	N/A
Features: • Formulated with a natural, non-petroleum solvent that works fast to provide deep and effective cleaning • Developed especially for removing soils encountered during automotive service and repair, including common grease, oil and grime • Natural citrus ingredient leaves hands with a pleasant citrus scent • Includes aloe, vitamin E and skin conditioners • Features Fine Italian Pumice to help loosen stubborn, ingrained dirt • Concentrated formula that contains no petroleum-based solvents • Motorcraft® Hand Care System refill cartridge for use with Motorcraft® 2000 ml Hand Cleaner Dispenser Part # ZC-51						

2000 ml Hand Cleaner Dispenser

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-51	N/A	2000 ml	1	N/A	N/A
Features: • Motorcraft® 2000 ml Dispenser is a key component of the all new Motorcraft® Hand Care System. The dispenser is used for Motorcraft® Heavy Duty (ZC-48) and Motorcraft® Orange Pumice (ZC-49) • The dispenser mounts in minutes. Large display window makes it easy to see when it is time to refill • Adjustable portion control dispensing saves up to 20% over other systems or portable products • One hand "push" operation is easy to use; dispenser mounting is reinforced with each use • Dispenser complies with ADA guidelines • Lifetime Guarantee						

Professional Skin Conditioner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-50	N/A	500 ml	6	169249	N/A
Features: - Improves skin condition and maintains the skin's natural protective barrier. Good skin condition is the best defense against harmful substances and moisture loss - Heals and restores professional working hands - Absorbs quickly without the greasy feeling of other creams - Contains no silicones, oils or added fragrance - Dermatologist tested - Latex and Nitrile glove compatible - Proven under actual workplace conditions - For use with Motorcraft® Professional Skin Conditioner Dispenser Part # ZC-52						

Professional Skin Conditioner Dispenser

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-52	N/A	500 ml	1	N/A	N/A
Features: - Used for dispensing Motorcraft® Professional Skin Conditioner Part # ZC-50 - Easily mounts in minutes without the use of nails or screws - One hand "push" operation is easy to use; dispenser mounting is reinforced with each use - Display window makes it easy to see when it's time to refill - Dispenser complies with ADA guidelines Lifetime Guarantee						

Nitrile Technician Gloves

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-55-L	N/A	100 Count Large	10	N/A	N/A
	ZC-55-XL	N/A	100 Count X Large	10	N/A	
	Features: • More durable, puncture resistant and chemical resistant than latex gloves • Latex and powder free • Fit comfortably and fully textured for sure grip, wet or dry • Resistant against: antifreeze, transmission fluid, paint thinners, adhesive removers, gasoline, diesel fuel, engine and gear oil, paint, lacquer, grease and many other similar chemicals • Ideal for technicians when painting, performing auto body and mechanical repairs and more					

Natural Citrus Hand Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-22	N/A	1 U.S. gal	4	042357	N/A
Features: - Removes most shop soils, including undercoating and urethane sealants and adhesives, from hands - Has a fresh citrus scent and contains aloe, lanolin and jojoba oil to help soothe skin - Rinses off cleanly - Contains biodegradable surfactant; contains no petroleum solvents - Includes a free pump						

Pumice Lotion Hand Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-12	N/A	1 U.S. gal	4	019203/172855	N/A
Features: - Pumice scrubs away shop soils quickly and without irritation - Rinses off cleanly and easily - Aloe and lanolin help soothe hard working hands - Includes a free pump						

Adhesion Promoter

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-19A316-AA	N/A	6 oz aerosol	1	172983	03-15-12 05-9-3
Features: • Quick-drying, clear plastic primer for use before color coating plastic interior trim parts • Equipped with the EZ TOUCH® FANSPRAY® valve - requires 50% less finger pressure than a standard valve. Allows greater coverage with less overspray and manipulates like a professional spray gun • Use only as recommended • Can be used as a substitute for Dupli Color's CP199 • Use to prime plastic interior trim surfaces before using any M4JZ-19M547-XXXXH color • Use to prime hard plastic interior trim surfaces before using any PM-19M547-XXXXH color. Do NOT use on soft plastic interior trim surfaces before using any PM-19M547-XXXXH color. Reference the applicable TSB and 2004 - 2006 Interior Trim Parts - Plastic Types chart for additional information • Meets 2005 CARB MIR level requirements						

Argent Spray Paint

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-19K207-AA	ESR-M2P92-A	13 oz aerosol	1	014479	N/A
Features: • Excellent for reconditioning used vehicles • Use to refinish splash pans and other argent-colored (silver) metal body parts • Valuable tool for touching up cars and trucks						

Exterior Acrylic Spray Lacquer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ALAZ-19500-XXXXX	ESR-M2P100-C	5 oz aerosol	1	009835	N/A
	ALAZ-19500-1000	ESR-M2P100-C	5 oz aerosol	1	039976	
	ALAZ-19500-6000	ESR-M2P100-C	5 oz aerosol	1	039974	
Features: • Aerosol spray lacquer excellent for refinishing minor damage to vehicle exteriors • Convenient for in-shop or do-it-yourself use • Built-in agitator helps assure proper mixing and accurate color matching • For specific vehicle applications, see the Touch-Up Paints - Interior and Exterior - Part Booklet for the applicable Model Years • Available Colors (XXXXX = Color Code) 1724A - Gloss Black, 1724G - Flat Black, 5920A - Pastel White, 6388G - Charcoal • Also Available: 1000 - Gray Primer, 6000 - Clear Coat						

Interior Spray Lacquer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	M4JZ-19M547-XXXXH (XXXX = Color Code)	ESR-M2P93-A	13 oz aerosol	1	009837	03-8-2
Features: - Only colors associated with MY 1999 - 2003 vehicles are available in this formulation - For specific vehicle applications, see the Touch-Up Paints Interior and Exterior - Part Booklet for the applicable Model Years - Aerosol spray lacquer ideal for refinishing or retouching interior trim components - great for 'paint-to-match' interior parts - Requires the use of an adhesion promoter such as Motorcraft® Adhesion Promoter, PM-19A316-AA - Do NOT repair or repaint air bag covers (doors)						

Interior Spray Paint

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-19M547-XXXXH (XXXX = Color Code)	N/A	6 oz aerosol	1	172367	05-9-3
Features: - Quick-drying, premium interior plastic trim paint formulation - UV stable and color fast - Completely flexible - will not crack, flake or peel when used as directed - When used as directed, the original grain pattern of the plastic is maintained (remains visible) - Ideal for repair or paint-to-match purposes - Each 6 oz. can covers approximately 5-7 square feet of plastic surface - Use only as recommended - Use a plastic adhesion promoter such as Motorcraft® Adhesion Promoter before color coating hard plastic surfaces. Do NOT use a plastic adhesion promoter before color coating soft plastic surfaces. Reference the applicable TSB and 2004 - 2006 Interior Trim Parts - Plastic Types chart for more information - Meets 2005 CARB MIR level requirements - Do NOT repair or repaint air bag covers (doors)						

Exterior Lacquer Touch-Up Paints — Brush-in-Tube

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	ALBZ-19500-1000 or PM-19500-1000	ESR-M2P100-C	0.5 fluid oz	1	040056
	ALBZ-19500-6000 or PM-19500-6000	ESR-M2P100-C	0.5 fluid oz	1	039975
	ALBZ-19500-XXXXX or PM-19500-XXXXX	ESR-M2P100-C	0.5 fluid oz	1	009836
	F4AZ-19503-C	N/A	Single-Tier with Ford logo	1	N/A
	F4MY-19503-C	N/A	Single-Tier with L/M logo	1	N/A
	F4AZ-19503-D	N/A	Extension Tray	1	N/A
Exterior Lacquer Touch-Up Paints — Brush-in-Tube - Ideal for retouching nicks, chips and scratches during new car prep and customer use - Built-in, full-width agitator thoroughly mixes paint for exact color match - Brush in cap for easy application - For specific vehicle applications, see the Touch-Up Paints - Interior and Exterior - Part Booklet for the applicable MYs AVAILABLE 1000 - Primer 6000 - Clear Topcoat XXXXX = Color Code					
Motorcraft® Full Color Touch-Up Paint Display - Features eye-catching color graphics, self-filling construction - Single-Tier display holds up to 66 Brush Touch-Up Paint applicator tubes and is available with your choice of Ford or Lincoln Mercury logo - Available Universal Extension Tray holds up to 66 additional Brush Touch-Up Paint applicator tubes					

Exterior Lacquer Touch-Up Paints—2-in-1—Brush-in-Tube/Pen Tip

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number
	PMP-19500-1000	ESR-M2P100-C	0.5 fluid oz	1	040056
	PMP-19500-6000	ESR-M2P100-C	0.5 fluid oz	1	039975
	PMP-19500-XXXXX	ESR-M2P100-C	0.5 fluid oz	1	009836
	F4AZ-19503-C	N/A	Single-Tier with Ford logo	1	N/A
	F4MY-19503-C	N/A	Single-Tier with L/M logo	1	N/A
	F4AZ-19503-D	N/A	Extension Tray	1	N/A
Exterior Lacquer Touch-Up Paints — 2-in-1 — Brush-in-Tube/Pen Tip - Ideal for retouching nicks, chips and scratches during new car prep and customer use - Built-in, full-width agitator thoroughly mixes paint for exact color match - User friendly - equipped with two unique applicators, a pen tip for precise retouching of fine chips and scratches and a brush with a tapered tip for pin point or broad stroke use - For specific vehicle applications, see the Touch-Up Paints - Interior and Exterior - Part Booklet for the applicable MYs AVAILABLE 1000 - Primer 6000 - Clear Topcoat XXXXX = Color Code					
Motorcraft® Full Color Touch-Up Paint Display - Features eye-catching color graphics, self-filling construction - Single-Tier display holds up to 66 Brush Touch-Up Paint applicator tubes and is available with your choice of Ford or Lincoln Mercury logo - Available Universal Extension Tray holds up to 66 additional Brush Touch-Up Paint applicator tubes					
Note: This is a new product and will be available in either late 2005 or early 2006.					

2006 Exterior and Interior Touch-Up Paint Assortment Kits

CONVENIENT – 2006 assortment kits contain all of the exterior and interior touch-up paint colors that are new in MY 2006 vehicles.

BUILT-IN AGITATOR – Ensures good paint mix for accurate color match.

Exterior Brush-in-Tube/Paint Pen Touch-Up Paint Assortment Kits

FORD VEHICLES -

Kit Part Number PM-19K507-AC

each kit contains 24 - 1/2 fluid oz. tubes plus
24-unit display rack

Qty.	Color Description	Part Number
1	Heritage Blue	PMP-19500-7138A
4	Tungsten Gray	PMP-19500-7145A
2	Vista Blue	PMP-19500-7147A
5	Smokestone	PMP-19500-7148A
4	Dark Cherry	PMP-19500-7149A
4	Dune Pearl	PMP-19500-7150A
4	Pewter Metallic	PMP-19500-7151A
1	24-Unit Touch-Up Paint Display Rack	F4AZ-19503-C
1	Ford Header Card for Display Rack	

LINCOLN AND MERCURY VEHICLES -

Kit Part Number PM-19K507-AC

each kit contains 24 - 1/2 fluid oz. tubes plus
24-unit display rack

Qty.	Color Description	Part Number
5	Tungsten Gray	PMP-19500-7145A
3	Light Sage	PMP-19500-7146A
4	Smokestone	PMP-19500-7148A
4	Dark Cherry	PMP-19500-7149A
3	Dune Pearl	PMP-19500-7150A
5	Pewter Metallic	PMP-19500-7151A
1	24-Unit Touch-Up Paint Display Rack	F4AZ-19503-C
1	Lincoln Mercury Header Card for Display Rack	

Interior Spray Paint Assortment Kit

FORD, LINCOLN AND MERCURY VEHICLES

Kit Part Number PM-19A274-AB

each kit contains 12 - 6 oz. aerosol cans

Qty.	Color Description	Part Number
2	Light Camel	PM-19M547-0005H
2	Medium Camel	PM-19M547-0006H
2	Greystone	PM-19M547-0007H
2	Light Stone	PM-19M547-0008H
2	Sand	PM-19M547-0009H
2	Medium Dark Stone	PM-19M547-0010H

**ACT NOW! ORDER TODAY THROUGH
YOUR D.O.E.S. II SYSTEM**

Clear Silicone Rubber

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-32	ESB-M4G92-A	3 fluid oz	12	015016	97-7-15 97-26-14 03-12-1 04-9-5 04-14-8 04-15-3 04-21-20 04-23-9 05-7-4 05-10-1 05-13-3
Features: • Form-in-place gasket and multi-purpose adhesive/sealant • Room-temperature acetic acid cure silicone rubber • Many other uses such as sealing leaks, remounting trim and repairing torn weather stripping • Dispenser nozzle can be custom-cut to desired bead size • For replacing gaskets in approved applications						

Gasket Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-6	N/A	11 oz aerosol	12	166878	N/A
Features: • Applied to substrate or gasket during assembly to affix gasket in place • One component, high-tack adhesive • Resistant to engine oil • Use to bond silicone, paper, graphite or other types of gaskets to engine components such as oil pan, aluminum intake manifold, front cover and cylinder head						

Gasket Maker

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-16	WSK-M2G348-A5	0.2 fluid oz	12	014716	91-13-7 05-10-10
Features: • Flexible, anaerobic gasketing material (Red) • Use on rigid machined flanges with less than 0.010" gap • Seals upon assembly, no waiting required • Adheres well to aluminum, iron, steel and magnesium • May also be used on automatic/manual transaxle cases, gear shift housings, dipstick tubes, water pumps and engine flanges						

Headliner Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-13	WSS-M2G355-B	11 fluid oz	2	043469	N/A
Features: • Two tubes required for one typical repair • For use in repairing headliners • Meets performance requirements of WSB-M11P59-A for bonded-in headliner applications • Solvent free						

Instant Gel Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-19	WSK-M2G402-A4	.06 fluid oz	12	041245	97-12-1 98-8-11 98-20-19 99-6-5 99-13-10 02-25-11 04-2-2 04-12-4 04-24-3
Features: • Rapid curing instant adhesive • Gel formula won't run or drip • Excellent humidity and weather resistance • Use on metals, wood, paper, fabrics, leather, rubber, ceramics and most plastics • May also be used on dashboard panels, vacuum lines, loose trim, emblems and loose vinyl body side moldings						

Isopropanol Cleaning Kit

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-4	N/A	1 kit	1	159277	01-18-2 01-22-4 03-18-4 05-6-4
Features: • Kit contains: one, 1 fluid oz bottle of isopropyl alcohol and one cotton rag • Use for ABS or metal surface preparation prior to adhesive application • Removes dirt, oil and grease from metal surfaces • For industrial use only						

Metal Surface Cleaner

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-21	WSE-M5B392-A	16 fluid oz	4	134216	01-12-2 01-21-10 03-6-4 05-3-5 05-12-6
Features: • Cleans and degreases metal surfaces • Use for cleaning metal parts prior to applying RTV silicones • Not for use on plastic						

Metal Surface Prep

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-31	N/A	16 fluid oz	12	162886	02-11-4 02-21-13 03-6-2 05-10-10 05-10-13
Features: • Cleans and degreases metal surfaces. Removes light RTV residue • Use as surface preparation prior to applying RTV silicones • Gel formula permits use on vertical surfaces and extended soaking for heavy residue • Not for use on plastic Note: As described in TSB 02-11-4, the product is designed to be used with Motorcraft® Silicone Gasket Remover, ZC-30						

Thread Sealant with PTFE

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-24	WSK-M2G350-A2	0.2 fluid oz	10	003737	N/A
Features: • Instantly seals threaded fittings • Resistant to engine and transmission fluids • Lubricates bolts and studs • May also be used on fuel inlet fittings, hydraulic lines, water outlet plugs, rear axle fill plugs and transmission oil cooler lines						

Rear View Mirror Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-17	N/A	0.01 fluid oz	10	165960/166000	94-17-2
Features: • New, faster, stronger formula • Permanently remounts mirrors to windshields • Achieves handling strength in seconds; mirror mounting strength in 15 minutes • Superfast, high strength, instant adhesive may also be used to bond close-mated, smooth-surface parts						

Rear View Mirror Button Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	F7AZ-17698-AA (small)	WSS-M2G389-A	16mm x 33mm	10	137446	N/A
	F7AZ-17698-BA (large)	WSS-M2G389-A	21mm x 29mm	10	137446	
	Features: • Found to adhere much longer in high temperature, high humidity environments under constant load • Developed and sold only through Ford for service repair. Not available elsewhere • Applicable to all Ford & Lincoln Mercury vehicles, and many other domestic vehicles • Use with Rotunda applicator 164-R3925					

Rear Window Defroster Repair

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	PM-11	ESB-M4J58-A	0.125 fluid oz	1	172443	04-24-5
Features: • Repairs small open-circuit breaks in electrically heated, grid-type rear window defrosters • Tough, lasting repair. Minute quantity needed for each repair • Brush-in-cap applicator. Reestablishes electrical continuity						

RTV Silicone Sealant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-31	N/A	5 fluid oz	12	139293	98-18-14 00-24-3 03-21-9 04-19-6 04-26-7 05-9-10
Features: • A specially designed Alkoxy-Cure RTV Sealant for high temperature applications • Specifically recommended for use with the 7.3L Power Stroke® diesel engine • Non-corrosive, high viscosity material which starts to cure in minutes						

Silicone Gasket and Sealant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-30	WSE-M4G323-A4	5 fluid oz	12	139258 / 174272	97-2-8 97-24-4 98-6-2 98-7-4 98-12-3 99-5-7 00-18-5 03-5-3 03-6-4 03-7-1 03-16-2 03-19-3 03-21-9 04-9-5 04-17-9 05-10-10
Features: • Recommended for all engine RTV gasketing applications (except 7.3L Power Stroke® diesel engine) • Form-in-place gasket and multi-purpose adhesive/sealant • Room temperature curing silicone rubber • Does not release acetic acid during curing, non-corrosive • Does not harm O² sensors • Cartridge fits standard caulking gun						

Silicone Gasket Remover

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	ZC-30	N/A	5 fluid oz	12	162865	02-11-4 02-21-13 03-6-2 04-17-9 05-10-10 05-10-13
Features: • Specifically formulated to soften cured RTV and residue left from multi-layer steel gaskets • Allows removal of gasket residue with a plastic or wood scraper • Safe for aluminum and cast iron gasket surfaces • Assures a safe cleaning process without risk of damaging the sealing surface • Eliminates the need for metal tools or abrasives for removing gasket residue • Only Ford-approved product for removing multi-layer steel gaskets and RTV Note: As described in TSB 02-11-4, the product is designed to be used with Motorcraft® Metal Surface Prep, ZC-31						

Stud and Bearing Mount

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-27	WSK-M2G349-A1	0.2 fluid oz	10	008175	02-21-11 05-12-6
Features: • High strength (green); low viscosity • Retaining compound and sealer-cures only when confined between surfaces • Augments the strength of press fit (or slip fit) assemblies • Deters rust build-up on studs and threads • May also be used on engine studs, ring gear bolts and bearing sleeves and shafts						

Threadlock 262

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-26	WSK-M2G351-A6	0.2 fluid oz	10	015395	97-14-21 97-21-17 98-17-15 03-21-43 04-22-7
Features: • High strength (red) • Cures only when confined between surfaces • Prevents loosening of nuts, bolts, screws and fittings • Maintains clamp load • May also be used on seat and door bolts, cup plugs, dip stick tubes, engine studs, ring gear bolts, bearing sleeves and bearing shafts						

Threadlock and Sealer

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-25	WSK-M2G351-A5	0.2 fluid oz	10	003751	97-2-3 98-5a-27 98-21-20 00-5-1 03-15-15 04-23-7
Features: • Medium-strength threadlocker (blue) • Working bond is formed in 5 minutes-no more waiting. Final bond forms in 24 hours • Cures only when confined between surfaces • Cures without cracking or shrinking • Hand tool removable • Prevents loosening of nuts, bolts, screws and fittings						

Trim and Weather Strip Adhesive

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-14	N/A	16 fluid oz	4	162590	03-15-12 04-9-5
Features: • Excellent "multi-purpose" bond. A must for every shop • Bonds many plastics, steel, aluminum, fabrics, wood, vinyl trim and many other vehicle component surfaces without heat or curing • Resistant to gasoline, kerosene, anti-freeze and most other solvents as well as excellent resistance to water • Will withstand vibration and extreme temperature changes • Typical applications include the bonding and repairing of body side molding, emblems, trim, bumper impact strips, carpeting, door and trunk						

Ultra Silicone Sealant

	Part Number	Specification Number	Size	Unit Package	MSDS/FIR Number	TSB
	TA-29	N/A	2.4 fluid oz	12	170179/174399	98-5-8 98-7-4 00-24-2 02-21-1 04-16-4
Features: • RTV Silicone (gray) designed for rigid flanges • Resistant to oil, transmission fluid, gear oils and coolant • No odor, O₂ Sensor safe • For use on transmission pans and covers, axle cover plates and transfer case covers						

Verification Tests Required for the API Certification Mark (Starburst) and API SM

Ball Rust Test

In this bench test a polished metal ball is subjected to an aqueous acid solution similar to acids normally found in engine oils. A digitized-optical image analyzer measures the amount of rust. It replaced the Sequence IID test.

Sequence IIIG and IIIGA

The Sequence IIIG dynamometer test is designed to simulate high-speed trailer tow conditions. In fact, the engine is run hot enough the exhaust manifolds glow red. Its main purpose is to evaluate an engine oil's performance in combating high-temperature oxidation, which causes oil thickening and varnish deposits. It also evaluates high temperature cam and tappet wear, and piston ring deposits. This test uses a GM 3.8L V6 and runs a total of 100 hours. The IIIGA test measures the low temperature performance of the oil after completion of the IIIG test.

Sequence IVA

The Sequence VIA is a dynamometer test used to evaluate low temperature cam and tappet wear. It uses a Nissan 2.4L I4 engine and runs a total of 100 hours. The cam wear is measured over seven positions on the cam lobe.

Sequence VG

The Sequence VG dynamometer test simulates city stop-and-go driving, and moderate-speed freeway driving. It evaluates engine oil's capability to prevent low- and moderate-temperature sludge and varnish formation. This test uses a Ford 4.6L V-8. The engine also employs a specially designed rocker cover jacketed for water-cooling to help produce sludging conditions.

Sequence VIB

The Sequence VIB dynamometer test measures the effect of engine oil on fuel economy by comparing candidate oils versus an industry standard reference oil. The test is run both on fresh oil and after aging, simulating approximately 4,000 miles of driving. The test uses a Ford 4.6L V8.

Sequence VIII

Previously referred to as the "L-38" test, the Sequence VIII dynamometer test evaluates an engine oil's ability to combat copper-lead bearing corrosion. It also measures resistance to "thinning out" because of sheardown of it's viscosity modifier. The test uses a single cylinder engine displacing 42.5 cubic inches, run with the following conditions held constant: speed, temperature and air/fuel ratio. The test is run a total of 40 hours.

TEOST MHT-4

The Thermo-Oxidation Engine Oil Simulation Test or TEOST is a bench test, which measures the amount of deposits formed on a heated rod. It simulates deposits formed in turbocharger bearings, piston ring lands and other high-temperature areas of the engine.

Motorcraft Oil Quick Reference Oil Applications and Crankcase Capacities Chart



Recommend Motorcraft SAE 5W-20	Oil Refill (Qts) (1)	Oil Filter	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1.9L Escort/Tracer	4.0	FL 400 S																
2.0L SPI Escort(02)/Tracer(99)/Focus	4.0	FL 400 S																
2.0L I4 Focus	4.5	FL 910																
2.0L Zetec Escort(00)/Escort ZX2(03)/Cougar(02)	4.5	FL 2005																
2.0L Zetec Contour/Mystique	4.5	FL 2005																
2.0L Zetec Focus/Escapes	4.5	FL 400 S																
2.3L I4 Escape Hybrid/Mariner Hybrid	4.5	FL 2017 A																
2.3L I4 Focus	4.5	FL 910																
2.3L I4 Mariner	4.5	FL 910																
2.3L I4 Ranger	4.0	FL 400 S																
2.3L OHC Ranger/Mustang(94)	5.0	FL 1 A																
2.3L HSC Tempo/Topaz	5.0	FL 300																
2.5L Cougar(02)/Contour(00)/Mystique(00)	5.8	FL 820 S																
2.5L Ranger	4.5	FL 400 S																
3.0L (Vulcan) Aerostar(97)/Ranger/Taurus/Sable(Flexible Fuel(2) & Gas)	4.5	FL 400 S																
3.0L (Vulcan) Tempo/Topaz	4.5	FL 400 S																
3.0L (Vulcan) Windstar	4.5	FL 400 S																
3.0L 4V Taurus/Sable	(96-03)5.5/6.0	FL 820 S																
3.0L 4V Escape	5.5	FL 820 S																
3.0L 4V Escape	6.0	FL 820 S																
3.0L 4V V6 Duratech Freestyle	6.0	FL 820 S																
3.0L DOHC V6 Five Hundred	6.0	FL 820 S																
3.0L DOHC Mariner	6.0	FL 820 S																
3.0L DOHC Montego	6.0	FL 820 S																
3.0L Lincoln LS	(00)6.7/6.9	FL 400 S																
3.8L Mustang	5.3	FL 400 S																
3.8L SPI Windstar	5.0	FL 400 S																
3.8L SPI Windstar	5.7	FL 400 S																
3.8L Thunderbird/Cougar	(93-95)5.0/5.3	FL 400 S																
3.8L Taurus/Sable/Continental	4.5	FL 400 S																
3.8L Windstar	4.5	FL 400 S																
3.9L V6 Freestar	5.0	FL 400 S																
3.9L V8 Lincoln LS/Thunderbird	6.0	FL 2008																
3.9L V8 Lincoln LS/Thunderbird	6.5	FL 218																

Continued on Next Page

Motorcraft Oil Quick Reference Oil Applications and Crankcase Capacities Chart (Cont.)

Recommend Motorcraft SAE 5W-20	Oil Refill (Qts) (1)	Oil Filter	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
4.2L Freestar/Monterey	5.0	FL 400 S																
4.2L SPI Econoline/F-150 (under 8500 GVW only)	6.0	FL 400 S																
4.6L 2V Aviator/Explorer/Mountaineer	6.0	FL 820 S																
4.6L 2V Mustang	(95-02)5.0/6.0	FL 820 S																
4.6L 2V Thunderbird/Cougar	5.0	FL 820 S																
4.6L 2V Triton F-150/250 (under 8500 GVW only)	6.0	FL 820 S																
4.6L 3V V8 Mustang	6.0	FL 820 S																
4.6L 4V Marauder	6.0	FL 820 S																
4.6L 4V Mark VIII	6.0	FL 820 S																
4.6L 4V Mustang Cobra/Mach 1 (also includes SC)	6.0	FL 820 S																
4.6L 4V Continental	6.0	FL 820 S																
4.6L Crown Victoria/Grand Marquis	(92-02)5.0/6.0	FL 820 S																
4.6L Econoline	6.0	FL 820 S																
4.6L Expedition	6.0	FL 820 S																
4.6L Town Car	(91-02)5.0/6.0	FL 820 S																
4.9L F-Series/E-Series	6.0	FL 1 A																
5.0L Mustang/Crown Victoria/Grand Marquis	5.0	FL 1 A																
5.0L Mustang Cobra	5.0	FL 300																
5.0L Thunderbird/Cougar	5.0	FL 1 A																
5.0L Explorer/Mountaineer	5.0	FL 820 S																
5.0L F-Series/E-Series/Bronco(96)	6.0	FL 1 A																
5.4L Blackwood	6.0	FL 820 S																
5.4L F-Series/Expedition (also includes SC)	6.0	FL 820 S																
5.4L F-Series/Expedition (also includes SC)	7.0	FL 820 S																
5.4L 3V F-Series	7.0	FL 820 S																
5.4L Navigator	(98-02)6.0/7.0	FL 820 S																
5.4L E-150/250/350/E-350 Chassis/RV/Cutaway	6.0	FL 820 S																
5.4L Excursion	6.0	FL 820 S																
5.8L F-Series/Bronco(96)	6.0	FL 820 S																
5.8L E-Series	6.0	FL 1 A																
6.8L E-250/350/E-350 Chassis/RV/Cutaway	6.0	FL 820 S																
6.8L Excursion	6.0	FL 820 S																
6.8L Super Duty F-Series 250 HD/350/450/550 F-53 Motorhome	6.0	FL 820 S																
6.8L Super Duty F-Series 250 HD/350/450/550 F-53 Motorhome	7.0	FL 820 S																
7.5L All Vehicles	6.0	FL 1 A																

Continued on Next Page

Motorcraft Oil Quick Reference Oil Applications and Crankcase Capacities Chart (Cont.)



Recommend Motorcraft SAE 5W-30	Oil Refill (Qts) (1)	Oil Filter	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1.3L Aspire	3.6	FL 816																
1.3L Festiva	3.4	FL 810																
1.6L Capri	3.6	FL 816																
1.8L Escort/Tracer	4.0	FL 816																
1.9L Escort/Tracer	4.0	FL 400 S																
2.0L Probe	3.7	FL 821																
2.0L HP 4V Zetec SVT Focus	4.5	FL 2005																
2.2L Probe	4.4	FL 821																
2.3L OHC Ranger/Mustang	5.0	FL 1 A																
2.3L HSC Tempo/Topaz	5.0	FL 300																
2.3L HSC Tempo/Topaz	5.0	FL 1 A																
2.5L Probe	4.2	FL 822																
2.9L Bronco II (91)/Ranger(92)	5.0	FL 1 A																
3.0L (Vulcan) Aerostar/Ranger/Taurus/Sable	4.5	FL 400 S																
3.0L (Vulcan) Tempo/Topaz	4.5	FL 400 S																
3.0L (Vulcan) Probe	4.0	FL 400 S																
3.0L Villager	4.2	FL 839																
3.0L SHO Taurus	5.0	FL 400 S																
3.2L SHO Taurus	5.0	FL 400 S																
3.3L Villager	4.2	FL 2007																
3.4L SHO Taurus	6.5	FL 400 S																
3.8L Taurus/Sable/Continental(95)/Thunderbird/Cougar(97)	4.5	FL 400 S																
3.9L Lincoln LS	6.0	FL 2008																
4.0L Explorer/Mountaineer/Ranger/Aerostar(97)	5.0	FL 1 A																
4.0L Explorer/Mountaineer/Explorer Sport/Explorer Sport Trac/Ranger	5.0	FL 820 S																
4.6L SOHC V8 Explorer/Mountaineer	6.0	FL 820 S																
4.9L F-Series/E-Series/Bronco(92)	6.0	FL 1 A																
5.0L Mustang/Crown Victoria (91)/Grand Marquis(91)	5.0	FL 1 A																
5.0L Mustang Cobra	5.0	FL 300																
5.0L Thunderbird/Cougar/Mark VII(92)	5.0	FL 1 A																
5.0L F-Series/E-Series/Bronco	6.0	FL 1 A																
5.8L E-Series	6.0	FL 1 A																
5.8L F-Series/Bronco	6.0	FL 1 A																

Continued on Next Page

Motorcraft Oil Quick Reference Oil Applications and Crankcase Capacities Chart (Cont.)

Recommend Motorcraft SAE 5W-30	Oil Refill (Qts) (1)	Oil Filter	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
5.8 L Crown Victoria Police/Grand Marquis	5.0	FL 300																
7.5L All Vehicles	6.0	FL 1 A																

Recommend Motorcraft SAE 5W-50	Oil Refill (Qts) (1)	Oil Filter	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
5.4L 4V DOHC Supercharged V8 - GT	9.5	FL 820 S																

Recommend Motorcraft SAE 15W-40	Oil Refill (Qts) (1)	Oil Filter	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
4.5L DIT Diesel Vehicles LCF	15.0	FL 1995																
6.0L DIT Diesel Vehicles (3)	15.0	FL 2016																
7.3L DIT Diesel Vehicles (3)	15.0	FL 1995																
7.3L Diesel Vehicles (3)	10.0	FL 784																

Note (1): All capacities are with oil filter.

Note (3): Above 30F use Motorcraft 15W-40 -10F to 30F use Motorcraft 10W-30 below -10F use Motorcraft 0W-30.

Note (2): For 1993 - 1998 Flex Fuel Vehicle use oil meeting Specification WSS-M2C909-A.

(Bracketed Years) = last model year of production

SC = Supercharged

Please check Chemical and Lubricants Product catalog on FMCDealer.com or MCDistributor.com for updates to this chart.

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Motorcraft Axle Lubricants - Quick Reference Lubricant Applications and Capacities Chart

Application	Axle Location	Fluid Refill (Pints) [1]	Axle Description	Friction Modifier [2][3]	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Crown Victoria/Grand Marquis/Town Car (All)	Rear	3.8 (02) / 4.5 (03)	8.8	XL-3 for LS	◆	◆	◆	◆	◆	◆	●	●	●	●	●
Crown Victoria Police (All)	Rear	◆ 3.8 ◆ 4.5	8.8	XL-3 for LS	◆	◆	◆	◆	◆	◆	●	●	●	●	●
Five Hundred/Montego	Rear	1.5	159.9	N/A										◆	◆
GT	Rear	4.5	3.36	N/A										■	■
Lincoln LS (Conventional) [7]	Rear	2.9	8.0	N/A				◆	◆	◆	●	●	●	●	●
Lincoln LS (Sport) (Conventional) [7]	Rear	2.9	8.0	N/A				●	●	●	●	●	●	●	●
Lincoln Limo (Limited Slip)	Rear	4.8 (02) / 4.5	8.8	XL-3 [3]	◆	●	●	●	●	●	●	●	●	●	●
Lincoln Limousine (Limited Slip)	Rear	3.8	8.8	XL-3 [3]								◆	◆		
Mark VIII (Conventional)	Rear	2.9	8.8	N/A	◆	◆	◆	◆							
Mustang (All)	Rear	◆ 3.3 ◆ 3.0	7.5	XL-3 for LS		◆	◆	◆	◆	◆	●	●	●	●	●
Mustang GT (All)	Rear	◆ 3.8 ◆ 4.0	8.8	XL-3 for LS		◆	◆	◆	◆	◆	●	●	●	●	●
Mustang Cobra (IRS w/Limited Slip)	Rear	2.6	8.8	XL-3 [3]				◆	◆	◆		●	●		
Thunderbird/Cougar (Conventional)	Rear	3.0	7.5	N/A	◆	◆									
Thunderbird/Cougar (Limited Slip)	Rear	2.8	7.5	XL-3 [3]	◆	◆									
Thunderbird/Cougar (Conventional)	Rear	3.4	8.8	N/A	◆	◆									
Thunderbird/Cougar (Limited Slip)	Rear	3.3	8.8	XL-3 [3]	◆	◆									
Thunderbird (Conventional) [7]	Rear	● 2.9 ● 2.5 (03-06)	8.8	N/A	◆					●	●	●	●	●	●
Aerostar (All)	Rear	3.5	7.5	XL-3 for LS	◆	◆									
Aerostar (All)	Rear	5.0	8.8	XL-3 for LS	◆	◆									
Aerostar (Conventional)	Front	3.0	M28(M174)	N/A	◆	◆	◆								
Aviator (Conventional)	Rear	3.5	8.8	N/A								●	●	●	●
Aviator (Limited Slip)	Rear	3.3	8.8	XL-3 [3]							●	●			
Aviator (Conventional)	Front	2.8	M30(M186)	N/A								◆	◆	◆	◆
Escape/Mariner (Conventional)	Rear	2.6	M28(M174)	N/A						◆	◆	◆	◆	◆	◆
5.0 Explorer/Mountaineer (Conventional, Beam)	Rear	5.5	8.8	N/A	●	●	●	●	●						
4.0L Explorer (Conventional, Beam)	Rear	5.5	8.8	N/A	●	◆	◆	◆	◆						
Explorer/Mountaineer (Limited Slip, Beam)	Rear	\$500/\$3 (00)	8.8	XL-3 [3]	●	●	●	●	●	●					
Explorer/Mountaineer (Conventional, IRS)	Rear	3.5	8.8	N/A						●	●	●	●	●	●
Explorer/Mountaineer (Limited Slip, IRS)	Rear	3.3	8.8	XL-3 [3]						●	●	●	●	●	●
Explorer Sport/Sport Trac (Limited Slip)	Rear	5.3	8.8	XL-3 [3]						●	●	●	●	●	●
Explorer Sport/Sport Trac (Conventional)	Rear	5.5	8.8	N/A						◆	◆	◆	◆	◆	◆
Explorer Sport/Sport Trac (Conventional)	Front	3.3	M35(M194)	N/A		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Explorer/Mountaineer (Conventional)	Front	2.8	M30(M186)	N/A							◆	◆	◆	◆	◆
Freestyle	Rear	1.5	159.9	N/A										◆	◆
Ranger (Conventional and Limited Slip, except Level II)	Rear	5.0	7.5/8.8	XL-3 for LS [3]	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ranger (4WD Off Road, High Torque, Level II)(Limited Slip)	Rear	5.3	8.8	XL-3 [3]							●	●	●	●	●
Ranger (4WD Conventional)	Front	3.3	M35 (M194)	N/A		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

(cont.)

Motorcraft Axle Lubricants - Quick Reference Lubricant Applications and Capacities Chart (cont.)

Application	Axle Location	Fluid Refill (Pints) [1]	Axle Description	Friction Modifier [2][3]	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Expedition/Navigator (Conventional)	Rear	5.5(02)3.5	8.8/9.75	N/A											
Expedition/Navigator (Limited Slip)	Rear	5.5(02)3.5	8.8/9.75	XL-3 [3]											
F-150/Blackwood (03) Lincoln Mark LT (06) (Conventional)	Rear	5.5	8.8/9.75	N/A											
F-150/Blackwood (03) Lincoln Mark LT (06) (Limited Slip)	Rear	5.3	8.8/9.75	XL-3 [3]											
F-150/250LD/Expedition/Navigator (Conventional)	Front	3.5	8.8	N/A											
F-250HD/350 (All)	Rear	7.5	10.25 SF/FF	XL-3 for LS [4]											
F-250HD/350/Excursion (All)	Rear	6.9(C)/6.5 (LS)	10.50 FF	XL-3 for LS [4]											
F-250LD (Conventional)	Rear	7.5 6.9(02)4.0	10.25 SF	N/A											
F-250LD (Limited Slip)	Rear	7.5(01)6.5(02) 6.5(03)4.0	10.25 SF	XL-3 [4]											
F-250HD/350 (02)/Excursion (Conventional)	Front	3.8	M50(M229)	N/A											
F-250/350/450/550 (Conventional)	Front	5.9	M60(M248)	N/A											
F-350/450 (All)	Rear	8.0	M80(M286)	[2] [4] (99-02)											
F-550/E-550 (03) (All)	Rear	24.5 26.7 [6]	S135	N/A [5]											
E-150 (Conventional)	Rear	5.5	8.8/9.75	N/A											
E-150 (Limited Slip)	Rear	5.4 6.3(03)4.0	8.8/9.75	XL-3											
E-250/350 (Conventional)	Rear	6.3	M60(M248)	N/A											
E-250/350 (Limited Slip)	Rear	5.8	M60(M248)	[4]											
E-250/350 (Limited Slip) (DSO)	Rear	5.8	M60(M248)	[4]											
E-350 Chassis/RV/Cutaway (Conventional) (DSO)	Rear	7.4	M70HD(M273HD)	N/A											
E-350 Chassis/RV/Cutaway (Conventional)	Rear	6.6	M70FF(M267FF)	N/A											
E-350 Chassis/RV/Cutaway (Limited Slip)	Rear	6.3	M70FF(M267FF)	[4]											
E-450 Chassis/RV/Cutaway (Conventional)	Rear	8.3	M70HD(M273HD)	N/A											
E-450 Chassis/RV/Cutaway (Limited Slip)	Rear	7.8	M70HD(M273HD)	[4]											
F-53 Motorhome (Conventional)	Rear	8.0	M80(M286)	N/A											
F-53 Motorhome (Conventional)	Rear	14.0	S110/S130	N/A											
F-53 Motorhome (Conventional)	Rear	24.5	S135/S145	N/A											

Notes:

- [1] Oil refill volume does not include friction modifier. Do not overfill above volumes shown (friction modifier should be added first).
- [2] Friction modifier, XL-3 (blue color), needed for limited slip applications.
- [3] 4 fl oz of friction modifier added unless otherwise specified.
- [4] Add 8 fl oz of friction modifier for Dana axles or XL-3 (see chart) for Visteon axles.
- [5] S135 limited slip axles do not require friction modifier.
- [6] 26.7 pints in E-550 only. All other vehicle receive 24.7.
- [7] Vehicles for Mexico and GCC use XY-75W140-QL, WSL-M2C192-A, SAE 75W-140 Synthetic Rear Axle Lubricant.
- [8] In 3/04 low odor (amber color) XL-3 and part no. C8AZ-19B546-A were eliminated. XL-3 now contains blue colored FM (S/A C8AZ-19B546-A) also identified by FIR No. 135454. If old XL-3 (amber color), also identified by FIR No. 137219, is found in the system it should not be used in Dana axles.

- See EFC 0501202 regarding Power Transfer Unit (PTU) Service Requirements for 2005 Five Hundred, Freestyle and Montego.

C = Conventional Axle
LS = Limited Slip Axle
FF = Full Floating
SF = Semi-Floating
HD = Heavy Duty
(XX) = The last model year used
[X] = Notes
M&S prefix axle descriptions = Dana Axles
Numeric descriptions = Visteon Axles

When filling a limited slip axle, always add friction modifier first before filling with the lubricant.

AUTOMATIC TRANSMISSION FLUID CHART

TRANSMISSIONS

[illegible]

Ford Motor company uses five automatic transmission fluids in the transmissions now being built. Either MERCON®, MERCON® SP, CVT or TYPE "P" automatic transmission fluids may be called for, depending on the type of transmission and the year the transmission was built. Although all fluids are of excellent quality, they exhibit different properties and should be used only in the transmission for which they were designed. The vehicle owner and rebuilders should replace fluid with the type printed in the owner's guide and on the automatic transmission fluid level indicator. Refer to your scheduled maintenance guide to determine the correct service interval. Failure to use the recommended fluid may affect transmission performance and durability.

CAUTION: Use only clean automatic transmission fluid specified for this transmission. Do not use supplemental transmission fluid additives, treatments or cleaning agents. The use of these materials may affect transmission operation and result in damage to internal transmission components.

TYPE “E”

- Part number XT-1-QF (Quarts) and XT-1-DF (55 Gallon Drum) Ford Specification is Type "F", ESW-M2C33-F.

- Part number XT-2-QDX (Quarts) and XT-2-DDX (55 Gallon Drum) Ford Specification is MERCON®.

- Part number XT-5-QM (Quarts) and XT-5-DM (55 Gallon Drum) Ford Specification is MERCON® V.

MERCON® SP

- Part number XT-6-QSP (Quarts) and XT-6-DSP (55 Gallon Drum) Ford Specification is MERCON® SP.

CVT FLUID CHAIN TYPE

- Part number XT-7-QCFT (Quarts).

PREMIUM AUTOMATIC TRANSMISSION FLUID

- Part number XT-8-QAW;

TRANSEXLES

[illegible]

FAILURE TO USE RECOMMENDED FLUID WILL AFFECT TRANSMISSION PERFORMANCE. REFER TO OWNERS MANUAL AND/OR FLUID LEVEL INDICATOR FOR PROPER FLUID TYPE.

MERCON® V and MERCON® SP type fluids are not interchangeable. DO NOT mix MERCON®, MERCON® V and MERCON® SP. Use of a transmission fluid that indicates dual usage (MERCON®, MERCON® V OR MERCON® SP) in an automatic transmission application requiring MERCON® may cause transmission damage. Use of any fluid other than the recommended fluid may cause transmission damage.

*1998 Windstar vehicles built before 9/9/97 use MERCON® ATF XT-2-QDX. DO NOT use MERCON® V in 1998 Windstar vehicles built before 9/9/97. All 1998 Taurus/Sable vehicles use MERCON® V ATF XT5-QM.

NOTE: 5R55 Transmissions - see SSM 18208 or DOESII bulletin 5910 - DO NOT use MERCON® V in red bottles / bulk dated prior to 5/10/04. Use reformulated MERCON V in black bottles / bulk dated 5/10/04 and later.

USA AND CANADA OIL AND TRANSMISSION FLUID PART NUMBER INTERCHANGE

COMMERCIAL NAME	SERVICE PART NUMBER U.S.	SERVICE PART NUMBER CANADA
**MERCON® V (QUARTS)	XT-5-QM XT-5-QMC	CXT-5-LM12
MERCON® (QUARTS)	XT-2-QDX	CXT-2-LM12
SYNTHETIC MERCON® (QUARTS)	XT-2-QSM	XT-2-QSM
**MERCON® V (DRUMS)	XT-5-DM XT-5-DMC	CXT-5-DM CXT-5-DBM
**MERCON® (DRUMS)	XT-2-DDX	CXT-2-DM CXT-2-DBM
TYPE F	XT-1-QF	CXT-1-LF12
SAE 75W-90 API GL-4 GEAR OIL (QUARTS)	F3Z2-19C547-MA	F3Z2-19C547-MA
FULL SYNTHETIC MANUAL TRANSMISSION FLUID (QUARTS)	XT-M5-QS	XT-M5-QS
MERCON® SP (QUARTS)	XT-6-QSP	CXT-6-LSP12
MERCON® SP (DRUMS)	XT-6-DSP	CXT-6-DSP
PREMIUM AUTOMATIC TRANSMISSION FLUID	XT-8-QAW	CXT-8-LAW12
CVT FLUID CHAIN TYPE	XT-7-QCFT	CXT-7-LCF12

**** Different suppliers, interchangeable**

MANUAL TRANSMISSION FLUID CHART

[illegible]

NOTE 1: Service 1989 - 1994 Probe and 2001 - 2004 Escape with F32Z-19C547-MA Ford Specification WSS-M2C203-A1 (MES 115-A).

NOTE 2: 1988 - 1998 Service gasoline vehicles with MERCON®.
1996 - 1998 Service diesel vehicles with MERCON® synthetic.
1999 - 2004 Service all vehicles with MERCON® synthetic.

NOTE 3: XT-M5-QS replaced SAE 80W manual transmission fluid F2ZZ-19C547-A.

MERCON®
- Part number XT-2-QDX (Quarts) and XT-2-DDX (55 Gallon Drum) Ford Specification is MERCON®.

MS **MERCON® SYNTHETIC**
- Part number XT-2-QSM (Quarts).

Fs **FULL SYNTHETIC MANUAL TRANSMISSION FLUID**
- Part number XT-M5-QS (Quarts) Ford Specification WSD-M2C200-C.

SAE75W-90 PREMIUM SYNTHETIC TRANSAXLE LUBRICANT
- Part number XT-75W90-QGT (Quarts).

Ethylene Glycol-Based Engine Coolant Protection Chart

Capacity Cooling System (Quarts)	PROTECTION CHART Quarts of Engine Coolant Required for Protection to Temperatures (°F) Shown										
	2	3	4	5	6	7	8	9	10	11	12
6	0	-34				A 50/50 mixture (coolant/distilled water) is recommended as it provides freeze protection down to -34 °F (-36.7 °C) and boiling protection up to 265 °F (129 °C). DO NOT ALLOW the concentration of coolant to fall below 40% or exceed 60% as engine parts could become damaged or not work properly. Shaded blocks show 50% concentration to the next higher full quart.					
7	6	-18	-54								
8	10	-8	-34								
9	14	0	-21	-50							
10	16	4	-12	-34	-62						
11	18	8	-6	-23	-47						
12	19	10	0	-15	-34	-57					
13	21	13	3	-9	-25	-45					
14	22	15	6	-5	-18	-34	-54				
15	23	16	8	0	-12	-26	-43				
16	23	17	10	2	-8	-19	-34	-52			
17	24	18	12	5	-4	-14	-27	-42			
18	24	19	14	7	0	-10	-21	-34	-50		
19	25	20	15	9	2	-7	-16	-28	-42		
20	25	21	16	10	4	-3	-12	-22	-34	-48	
21		22	17	12	6	0	-9	-17	-28	-41	
22		22	18	13	8	2	-6	-14	-23	-34	-47

ETHYLENE GLYCOL HYDROMETER SCALE - For cooling systems larger than shown, use double the quantity required for a system one-half as large. For systems smaller than shown, use half the quantity required for a system twice as large.



R-134a REFRIGERANT CHARGE CAPACITIES IN OUNCES

CAR	1998	1999	2000	2001	2002	2003	2004	2005	2006
CONTINENTAL	38								
CONTOUR	26								
COUGAR	26								
CROWN VICTORIA	38					38			27
ESCORT	28	28*		28		24			
FOCUS			26						
FORD 500								29	
FUSION									21
GT								18	
LS			28						
GRAND MARQUIS	38					38			27
MARAUDER						38			
MARK VIII	32								
MILAN									21
MONTEGO								29	
MUSTANG	34							31	
MYSTIQUE	26								
SABLE	34								
TAURUS	34								
THUNDERBIRD					28				
TOWN CAR	38					32			23
TRACER (U.S.)	28								
ZEPHYR									21

* MYs 99 - 00 2.0 L ZETEC requires a charge of 24 oz.

TRUCK	1998	1999	2000	2001	2002	2003	2004	2005	2006
AVIATOR						46			
BLACKWOOD					37				
ECONOLINE	44			42	40				
ECONOLINE w/AUX	64			68	60				
ESCAPE				32					
ESCAPE HEV								41	
EXCURSION			42					45	
EXCURSION w/AUX			68*						
EXPEDITION	37					40			
EXPEDITION w/AUX	62					58			
EXPLORER	30				32**				31
EXPLORER w/AUX					56**				49
EXPLORER SPORT				30					
EXPLORER SPORT TRAC				30					
F-SERIES <8500 GVW	33*						37	34	
F-SERIES >8500 GVW	38	42						45	
F-SERIES MED DUTY	40	42							
FREESTAR							36		
FREESTAR w/AUX							53		
FREESTYLE								29	
FREESTYLE w/AUX								38	
LINCOLN MARK LT									34
MARINER								32	
MONTEREY							36		
MONTEREY w/AUX							53		
MOUNTAINEER	30				32				31
MOUNTAINEER w/AUX					56				49
NAVIGATOR	37					40			
NAVIGATOR w/AUX	62					58			
RANGER	30						33		
VILLAGER	32								
VILLAGER w/AUX	52								
WINDSTAR	44								
WINDSTAR w/AUX	56								

* For Gulf Coast Consulate (GCC), F-Series <8500 GVW requires 49 oz. and Excursion requires 56 oz.

** Export vehicles w/o AUX require 32 oz. and w/AUX require 46 oz.

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REFRIGERANT COMPRESSOR OIL CAPACITIES IN FLUID OZ. / CC

CAR	1998	1999	2000	2001	2002	2003	2004	2005	2006
CONTINENTAL	7/207								
CONTOUR	7/207								
COUGAR	7/207								
CROWN VICTORIA	7.5/222					7/207			
ESCORT	6.6/195					7/207			
FOCUS		7/207							
FORD 500								7/207	
FUSION									6/178
GT								10/296	
LS		7/207							
GRAND MARQUIS	7.5/222					7/207			
MARAUDER						7/207			
MARK VIII	7/207								
MILAN									6/178
MONTEGO								7/207	
MUSTANG	8.6/254							7/207	
MYSTIQUE	7/207								
SABLE	6.6/195								
TAURUS	6.6/195								
THUNDERBIRD					7/207				
TOWN CAR	7.5/222					8/237			7/207
TRACER (U.S.)	7/207								
ZEPHYR									6/178
TRUCK	1998	1999	2000	2001	2002	2003	2004	2005	2006
AVIATOR						14/414			
BLACKWOOD					9/266				
ECONOLINE	9/266								
ECONOLINE w/AUX	13/384								
ESCAPE				7/207					
ESCAPE HEV								11/325	
EXCURSION			9/266						
EXCURSION w/AUX			14/414						
EXPEDITION	9/266								
EXPEDITION w/AUX	14/414		11/325			14/414			
EXPLORER	9/266								12/355
EXPLORER w/AUX					13/384*				16/473
EXPLORER SPORT				9/266					
EXPLORER SPORT TRAC				9/266					
F-SERIES <8500 GVW	9/266							8/237	
F-SERIES >8500 GVW	11/325	9/266							
F-SERIES MED DUTY	9/266								
FREESTAR							10/296		
FREESTAR w/AUX							12/355		
FREESTYLE								7/207	
FREESTYLE w/AUX								9/266	
LINCOLN MARK LT									8/237
MARINER								7/207	
MONTEREY							10/296		
MONTEREY w/AUX							12/355		
MOUNTAINEER	9/266								12/355
MOUNTAINEER w/AUX					13/384				16/473
NAVIGATOR	9/266								
NAVIGATOR w/AUX	14/414		11/325			14/414			
RANGER	9/266								
VILLAGER	7/207								
VILLAGER w/AUX	10/296	11/325							
WINDSTAR	10/296								
WINDSTAR w/AUX	14/414								

* Export vehicles require 14/414 and Gulf Coast Consulate (GCC) vehicles require 17/503

Service Coolant Usage Chart					
Vehicle	Model Year				
	Pre-1999	1999-2001	2002	2003	2004 and forward
Ford					
Crown Victoria	G	GY	GY	GY (prior to 7/15/02)	Y
				Y (from 7/15/02)	
Econoline / E-Series (Lorain Plant)	G	GY	GY (prior to 1/7/02)	Y	Y
			Y (from 1/7/02)		
Electric Vehicle Ranger	N/A	O	O	N/A	N/A
Escape**	N/A	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Escort	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Excursion***	N/A	GY	Y	Y	Y
Expedition	G	GY	GY	GY (prior to 7/15/02)	Y
				Y (from 7/15/02)	
Explorer, Explorer Sport, and Explorer Sport Trac	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
F150 - F550 (Cuautitlan Plant)	G	GY	GY (prior to 2/4/02)	Y	Y
			Y (from 2/4/02)		
F650 - F750 (Cuautitlan Plant)	G	GY	GY (prior to 1/28/02)	Y	Y
			Y (from 1/28/02)		
F250 - F550 (Kentucky Truck Plant)	G	GY	Y	Y	Y
F150 - F750 (All other plants)	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Freestar	N/A	N/A	N/A	N/A	Y
Focus***	N/A	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Mustang (including Cobra)	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Ranger	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Super Duty F53 Stripped Chassis (Trumac)	G	GY	Y	Y	Y
Taurus	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Thunderbird	N/A	N/A	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Windstar	G	GY	GY	GY (prior to 7/15/02)	N/A
				Y (from 7/15/02)	
All other vehicles	G	GY	N/A	N/A	Y

Service Coolant Usage Chart

Vehicle	Model Year				
	Pre-1999	1999-2001	2002	2003	2004 and forward
Lincoln					
Aviator	N/A	N/A	N/A	Y	Y
Blackwood***	N/A	GY	GY (prior to 7/15/02)	N/A	N/A
			Y (from 7/15/02)		
Continental	G	GY	GY (prior to 7/15/02)	N/A	N/A
			Y (from 7/15/02)		
LS***	N/A	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Navigator	G	GY	GY	GY (prior to 7/15/02)	Y
				Y (from 7/15/02)	
Town Car	G	GY	GY	GY (prior to 7/15/02)	Y
				Y (from 7/15/02)	
All other vehicles	G	N/A	N/A	N/A	Y
Mercury					
Cougar	G	O	O	N/A	N/A
Grand Marquis	G	GY	GY	GY (prior to 7/15/02)	Y
				Y (from 7/15/02)	
Sable	G	GY	GY (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
Marauder	N/A	N/A	N/A	GY (prior to 7/15/02)	Y
				Y (from 7/15/02)	
Monterey	N/A	N/A	N/A	N/A	Y
Mountaineer	G	GY	G (prior to 7/15/02)	Y	Y
			Y (from 7/15/02)		
All other vehicles	G	GY	GY	N/A	Y

Notes:

G = Green-colored engine coolant meeting Ford Specification ESE-M97B44-A (Motorcraft Premium Engine Coolant, VC-4-A, VC-4-B, VC-5, and VC-5-B)

GY = Factory filled with green-colored engine coolant. Service as normal with green-colored engine coolant, or service with yellow-colored engine coolant with the following important conditions:

1. If the green-colored engine coolant is thoroughly flushed out of the cooling system and then the system is filled with yellow-colored engine coolant, the system maintenance (change-out) intervals of the yellow-colored engine coolant can be followed.
2. If the green-colored engine coolant is not completely flushed out of the cooling system (e.g., yellow-colored engine coolant is used to top off the system), then the service maintenance (change-out) intervals of the green-colored engine coolant must be followed.
3. All pre 1999 vehicles, as well as, all model years of Mercury Villager must be serviced with the green-colored engine coolant.

O = Orange-colored engine coolant meeting Ford specification WSS-M97B44-D (Motorcraft Specialty Orange Engine Coolant, VC-2 and VC-3)

Y = Yellow-colored engine coolant meeting Ford specification WSS-M97B51-A1 (Motorcraft Premium Gold Engine Coolant, VC-7-A, VC-7-B, VC-7-C, and VC-7-D)

** = Introduced with Model Year 2001

*** = Introduced with Model Year 2000

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2004 - 2006 Interior Trim Parts — Plastic Types

Plastic Trim Part	Vehicle	Plastic Type	Use Adhesion Promoter?
Consoles	All 2004 - 2006 Ford, Lincoln, and Mercury vehicles	Soft	No
Pillars	All 2004 - 2006 Ford, Lincoln, and Mercury vehicles	Hard	Yes
Lower Door Panels	All 2004 - 2006 Ford, Lincoln, and Mercury vehicles	Hard	Yes
Upper Door Panels	All 2004 - 2006 Ford and Mercury vehicles	Hard	Yes
	All 2004 - 2006 Lincoln vehicles	Soft	No
Instrument Panels*	2004 - 2005 Excursion 2004 - 2006 Escape, Expedition, F150, F250-750, Focus, Mariner, and Mustang	Hard	Yes
	All other 2004 - 2006 vehicles**	Soft	No

* Note: Never repair or repaint airbag deployment covers (doors)

** Note the following exceptions:

- (1) Do not use the adhesion promoter or paint on the Lincoln Mark LT for paint-to-match or repair procedures
- (2) Do not use the adhesion promoter or paint on the Freestyle for repair procedures

2005 Passenger Car Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division							Lincoln Mercury Division				
					Focus	GT	Mustang	Taurus	Crown Victoria	Ford 500	Thunderbird	Sable	Grand Marquis	Montego	Lincoln LS	Town Car
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	PM-19500-6985A	C	X			X	X			X	X			
B7	Egg Yolk Yellow ▲	Zinc Yellow ▲	PM-19500-7000A	C	X											
BI	Inca Gold	Inca Gold	PM-19500-7106A	N							X					
BZ	Screaming Yellow ▲	Chrome Yellow	PM-19500-6675A	C		X										
C2	Gold Ash ▲ Met.	Gold Ash	PM-19500-7065A	C				X	X			X	X			
CX	Dark Shadow Gray ▲ Met./Liquid Gray ▲ Met.	Dk. Shadow Gray	PM-19500-7039A	C	X			X		X		X		X		
D3	Mark IV Red▲/Torch Red ▲/Torch Red	Colorado Red ▲	PM-19500-7042A	C		X	X				X					
D6	Screaming Yellow ▲	Screaming Yellow	PM-19500-7109A	C			X									
DV	Light Tundra ▲ Met./Titanium Green ▲ Met.	Light Tundra	PM-19500-7081A	C	X			X	X	X	(f)	X	X	X	X	X
DX	Dark Blue Pearl ▲ Met./Dark Blue Pearl Met.	Dk. Blue Pearl	PM-19500-7083A	C					X	X			X			
E4	Infra-Red ▲	Vermilion Red ▲	PM-19500-6470A	C	X											
F6	Ceramic White Pearlescent ▲ Met.	Ceramic White Tricoat	PM-19500-7085A	C											X	X
FL	Sangria Red ▲ Met.	Toreador Red ▲	PM-19500-6758A	C	X											
FX	Merlot ▲ Met.	Merlot	PM-19500-7087A	C				X		X		X		X		
G2	Vivid Red ▲ Met./Red Fire ▲ Met./Redfire ▲	Redfire	PM-19500-7089A	C			X			X					X	
G3	Light French Silk ▲ Met./Pueblo Gold ▲ Met.	Pueblo Gold	PM-19500-7113A	C						X				X	X	X
G4	Cashmere ▲/Cashmere ▲ Tri-Coat	Cashmere Tricoat	PM-19500-7118A	C							(f)				X	X
GW	Blazing Copper ▲ Met.	Orange Crush Pearl	PM-19500-7110A	N	X											
HP	Performance White ▲	High Performance White	PM-19500-7139A	N			X									
JL	Dark Toreador Red ▲ Met.	Dk. Toreador Red	PM-19500-6771A	C					X				X			
JP	Silver Birch ▲ Met./Platinum Silver	Silver Birch ▲	PM-19500-7052A	C					X		X		X		X	X
KR	Norsea Blue ▲ Met.	Norsea Blue	PM-19500-7111A	C										X	X	X
LA	Midnight Blue ▲ Met.	Med. Royal Blue	PM-19500-6504A	C		X										
LS	Lt. Ice Blue ▲ Met.	Lt. Ice Blue ▲	PM-19500-7054A	C					X				X			X
M9	French Blue ▲ Met.	French Blue ▲	PM-19500-7043A	C	X											
P1	Legend Lime ▲ Met.	Lime Gold	PM-19500-7135A	N			X									
P3	Windveil Blue ▲ Met.	Windveil Blue	PM-19500-7134A	N			X	X				X				
SN	Sonic Blue ▲	Sonic Blue	PM-19500-7095A	C	X		X									
SP	Medium Steel Blue	Med. Steel Blue ▲	PM-19500-6966A	C							X					
T2	Bronze ▲ Met./Bronze	Bronze	PM-19500-7132A	N							X				X	
T7	Charcoal Beige ▲ Met.	Charcoal Beige	PM-19500-7136A	N											X	X
TK	Mineral Gray ▲ Met.	Mineral Gray ▲	PM-19500-7020A	C			X									
TL	Quick Silver ▲ Met./Satin Silver ▲ Met.	Satin Silver	PM-19500-7049A	C		X	X									
TS	Silver Frost ▲ Met./CD Silver ▲ Met.	Silver Frost ▲	PM-19500-6720A	C	X			X		X		X		X		
TV	Midnight Gray ▲ Met.	Midnight Gray Met. ▲	PM-19500-6852A	C					X				X			
UA	Black ▲/Pitch Black ▲/Mark II Black ▲/Evening Black	Black	PM-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X
WT	Vibrant White ▲ Met./Centennial White ▲	Performance White ▲	PM-19500-1028A	C		X		X	X			X	X			X
YZ	Oxford White ▲/Cloud 9 White ▲	White ▲	PM-19500-5920A	C	X					X				X		
SPECIAL PAINTS																
		Primer (g)	ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X
		Clear Topcoat (c)	ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X
		Charcoal	ALBZ-19500-6388G	C	X		X	X	X		X	X	X		X	X
		Graphite ▲	PM-19500-7108A	C												
AEROSOL PAINTS																
		Primer (g)	ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X
		Black	ALAZ-19500-1724A	C	X		X	X	X			X	X		X	X
		Pastel White	ALAZ-19500-5920A	C	X											
		Clear Topcoat (c)	ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X
		Charcoal	ALAZ-19500-6388G	C	X		X	X	X		X	X	X		X	X

(c) = Clear Gloss Improver (may darken basecoat).

(f) = Available as part of a special regional package or feature vehicle.

(g) = When using Exterior Brush-in-Tube Touch-Up Paints, use ALBZ-19500-1000 Primer before color coat application.

When using Exterior Acrylic Aerosol Paints, use ALAZ-19500-1000 Primer before color coat application.

▲ = Clearcoat.

2005 Truck, Van & SUV Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division										LM Division				
					Freestar	Econoline	Excursion	Explorer	Expedition	Ranger	Escape	F-Series	Freestyle	Medium Truck	Monterey	Mountaineer	Navigator	Mariner	Aviator
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	PM-19500-6985A	C	X		(b)			X		X	(b)	X	X				
B2	Harvest Gold ▲ Met.	Harvest Gold ▲	PM-19500-6926A	C	(b)														
BY	Yellow ▲	Chrome Yellow	ALBZ-19500-1526A	C		X													
C2	Gold Ash ▲ Met./Gold Ash Met.	Gold Ash	PM-19500-7065A	C		X					X							X	
CX	Dark Shadow Gray ▲ Met.	Dk. Shadow Gray	PM-19500-7039A	C	X	X			X	X	X	X	X	X				X	
D6	Blazing Yellow ▲	Screaming Yellow	PM-19500-7109A	C								X							
DT	Matador Red ▲ Met.	Matador Red ▲	PM-19500-7057A	C	X										X				
DV	Light Tundra ▲ Met./Titanium Green ▲ Met.	Light Tundra	PM-19500-7081A	C							X		X				X		X
DX	Dark Blue Pearl ▲ Met.	Dk. Blue Pearl	PM-19500-7083A	C				X					X			X			X
E4	Bright Red ▲	Vermilion Red ▲	PM-19500-6470A	C				(e)		X		X		X					
F1	Red ▲	Vermilion Red ▲	PM-19500-6470A	C								X							
FL	Toreador Red ▲ Met.	Toreador Red ▲	PM-19500-6758A	C			X			X		X		X					
FS	Spruce Green ▲ Met.	Spruce Green ▲	PM-19500-6860A	C	X										X				
FU	Dark Green Satin ▲ Met.	Dk. Green Satin ▲	PM-19500-6862A	C						X									
FW	Dark Green Satin ▲ Met.	Dk. Green Satin ▲	PM-19500-6862A	C								X							
FX	Merlot ▲ Met.	Merlot	PM-19500-7087A	C								X	X						
G2	Vivid Red ▲ Met./Redfire ▲ Met./Red Fire ▲ Met.	Redfire	PM-19500-7089A	C				X	X		X		X			X	X	X	X
G3	Light French Silk ▲ Met./Pueblo Gold ▲ Met.	Pueblo Gold	PM-19500-7113A	C			X	X	X				X			X	X		X
G4	Cashmere Tri-Coat ▲ Met.	Cashmere Tricoat	PM-19500-7118A	C					X								X		
GW	Blazing Copper ▲ Met.	Orange Crush Pearl	PM-19500-7110A	N							X								
HC	Ivory Parchment ▲ Tri-Coat/Ivory Parchment Tri-Coat ▲ Met.	Ivory Parchment Tricoat	PM-19500-6944A	C				X								X			X
JL	Dark Toreador Red ▲ Met.	Dk. Toreador Red	PM-19500-6771A	C		X						X		X					
JM	Dark Toreador Red ▲	Dk. Toreador Red	PM-19500-6771A	C								X		X					
JP	Silver Birch ▲ Met.	Silver Birch ▲	PM-19500-7052A	C	X		X	X	X						X	X	X		X
KR	Norsea Blue ▲ Met.	Norsea Blue	PM-19500-7111A	C							X		X		X			X	
L2	True Blue ▲ Met.	True Blue	PM-19500-7023A	C		X	X					X		X					
LD	Medium Wedgewood Blue ▲ Met.	Med. Wedgewood ▲	PM-19500-6763A	C				X	X			X		X					
P5	Aspen Green ▲ Met.	Aspen Green ▲	PM-19500-7056A	C			X					X							
PX	Dark Highland Green ▲ Met.	Dk. Highland Green ▲	PM-19500-6920A	C								X							
RC	Platinum	Med. Platinum ▲	PM-19500-6454A	C			(b)	(a)											
SN	Sonic Blue ▲ Met.	Sonic Blue	PM-19500-7095A	C						X	X	X							
SP	Medium Steel Blue ▲ Met.	Med. Steel Blue ▲	PM-19500-6966A	C	X														
ST	Estate Green ▲ Met.	Estate Green ▲	PM-19500-6918A	C		X	X		X										
T1	Lt. Gunmetal Gray Met.	Lt. Gunmetal Gray	PM-19500-7124A	N									(b)			(a)			
T3	Satellite Silver ▲ Met.	Satellite Silver	PM-19500-7130A	N											X	X	X	X	
T5	Dark Copper ▲ Met.	Dark Copper	PM-19500-7133A	N								X							
T7	Charcoal Beige ▲ Met./Darkstone ▲ Met.	Charcoal Beige	PM-19500-7136A	N				X	X			X		X			X	X	X
TC	Charcoal Gray/Charcoal Beige	Charcoal Gray ▲	ALBZ-19500-7050A	C									(b)						(b)
TK	Mineral Gray ▲ Met.	Mineral Gray ▲	PM-19500-7020A	C			X	X								X			
TS	Silver Frost ▲ Met.	Silver Frost ▲	PM-19500-6720A	C									X						
UA	Black ▲	Black	PM-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UD	Black ▲	Black	PM-19500-1724A	C								X							
WT	Vibrant White ▲	Performance White ▲	PM-19500-1028A	C	X									X	X				
YN	Silver Met. ▲/Silver ▲ Met./Silver ▲	Lt. Charcoal Met. ▲	PM-19500-6041A	C		X				X	X	X		X				X	
YZ	Oxford White ▲	White ▲	PM-19500-5920A	C		X	X	X	X	X	X	X	X	X		X	X	X	X
Z1	Oxford White ▲	White ▲	PM-19500-5920A	C								X							
Z3	Silver ▲ Met.	Lt. Charcoal Met. ▲	PM-19500-6041A	C								X							
SPECIAL PAINTS																			
	Primer (g)		ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Clear Topcoat (c)		ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALBZ-19500-6388G	C	X	X		X	X	X		X		X	X	X	X		
	Graphite		PM-19500-7108A	C	(b)								(b)						
AEROSOL PAINTS																			
	Primer (g)		ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Black		ALAZ-19500-1724A	C	X	X		X	X	X	X	X		X	X	X	X		
	Pastel White		ALAZ-19500-5920A	C		X		X	X	X	X	X		X		X	X		
	Clear Topcoat (c)		ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALAZ-19500-6388G	C	X	X		X	X	X		X		X	X	X	X		

- (a) = Accent color.
 (b) = Cladding only.
 (c) = Clear Gloss Improver (may darken basecoat).
 (e) = Explorer Sport Trac only.
 (g) = When using Exterior Brush-In-Tube Touch-Up Paints, use ALBZ-19500-1000 Primer before color coat application.
 When using Exterior Acrylic Aerosol Paints, use ALAZ-19500-1000 Primer before color coat application.
 ▲ = Clearcoat.

ORDER THROUGH YOUR D.O.E.S. II SYSTEM

2005 Interior Paint Availability Chart

Trim Code	Trim Color	Passenger Cars										Trucks										Interior Paint Color Name	Interior Paint Part Number				
		Crown Vic./Gnd. Mar.	500	Focus	Ford GT	Mustang/Cobra	Taurus/Sable	Thunderbird	Lincoln LS	Town Car	Aviator	Econoline	Escape	Excursion	Expedition	Explorer/Sport Trac	F-Series	Freestar	Freestyle	Mariner	Montego			Monterey	Mountaineer	Navigator	Ranger
M	Midnight Gray														X							X				Black	M4JZ-19M547-4149H
P	Medium Pebble Tan														X											Dove Gray	M4JZ-19M547-2025H
P	Medium Parchment/ Medium Dark Parchment															X						X				Black	M4JZ-19M547-4149H
																X						X		X		Lt. Parchment	M4JZ-19M547-1076H
																X						X				Med. Dk. Parchment	M4JZ-19M547-1086H
P	Light Pebble			X																						Black	M4JZ-19M547-4149H
				X																						Lt. Parchment	M4JZ-19M547-1076H
				X																						Med. Dk. Pebble	M4JZ-19M547-2017H
				X																						Lt. Pebble	M4JZ-19M547-2019H
Q	Light Sand						X																			Black	M4JZ-19M547-4149H
							X																			Med. Light Stone	M4JZ-19M547-2011H
							X																			Dark Stone	M4JZ-19M547-2012H
R	Dark Charcoal w/Interior Color				X																					Black	M4JZ-19M547-4149H
					X																					Charcoal Black	PM-19M547-0001H
					X																					Med. Dove	PM-19M547-0002H
R	Torch Red				X																					Camel	PM-19M547-0003H
							X																			Black	M4JZ-19M547-4149H
							X																			Black Ink	M4JZ-19M547-2005H
S	Shale/Dove						X	X																		Black	M4JZ-19M547-4149H
							X	X																		Shale	M4JZ-19M547-2024H
							X	X																		Dove Gray	M4JZ-19M547-2025H
T	Graphite/Shale		X												X			X		X						Black	M4JZ-19M547-4149H
			X															X		X						Shale	M4JZ-19M547-2024H
			X												X			X		X						Dove Gray	M4JZ-19M547-2025H
															X											Dk. Graphite	M4JZ-19M547-4253H
																				X							Med. Dove
U	Dark Stone/ Medium Light Stone							X																		Black	M4JZ-19M547-4149H
								X																		Med. Light Stone	M4JZ-19M547-2011H
								X																		Dark Stone	M4JZ-19M547-2012H
W	Dark Charcoal/ Black Ink/Black/ Charcoal Black/ Ebony Black	X	X			X	X	X	X	X								X		X		X				Black	M4JZ-19M547-4149H
		X				X																				Midnight Black	M4JZ-19M547-1074H
							X	X	X																	Black Ink	M4JZ-19M547-2005H
			X															X		X		X				Dove Gray	M4JZ-19M547-2025H
							X																				Lt. Graphite
W	Medium Pebble					X																				Charcoal Black	PM-19M547-0001H
						X																				Med. Dove	PM-19M547-0002H
											X				X											Black	M4JZ-19M547-4149H
											X															Midnight Black	M4JZ-19M547-1074H
											X																Lt. Parchment
W	Tan														(b)											Med. Pebble	M4JZ-19M547-2016H
																										Med. Dk. Pebble	M4JZ-19M547-2017H
																(b)										Dark Pebble	M4JZ-19M547-2018H
																	X									Black	M4JZ-19M547-4149H
																	X									Med. Pebble	M4JZ-19M547-2016H
TBD	Stone														X											Dark Pebble	M4JZ-19M547-2018H
							X																			Cashmere	M4JZ-19M547-0004H
							X																			Med. Light Stone	M4JZ-19M547-2011H
						X																			Dark Stone	M4JZ-19M547-2012H	

ORDER THROUGH YOUR D.O.E.S. II SYSTEM

2004 Passenger Car Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division					Lincoln Mercury Division				
					Focus	Mustang	Taurus	Crown Victoria	Thunderbird	Sable	Grand Marquis	Marauder	Lincoln LS	Town Car
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	ALBZ-19500-6985A	C	X		X	X		X	X			
B7	Egg Yolk Yellow ▲	Zinc Yellow ▲	ALBZ-19500-7000A	C	X									
C2	Gold Ash ▲ Met.	Gold Ash	ALBZ-19500-7065A	C			X	X		X	X			
CX	Liquid Grey ▲ Met.	Dk. Shadow Gray	ALBZ-19500-7039A	C	X	X	X			X				
CY	Competition Orange ▲	Competition Orange	ALBZ-19500-7117A	C	X	X								
D3	Torch Red ▲	Colorado Red ▲	ALBZ-19500-7042A	C		X			X					
D6	Screaming Yellow ▲	Screaming Yellow	ALBZ-19500-7109A	C	X	X								
DV	Light Tundra ▲ Met.	Light Tundra	ALBZ-19500-7081A	C	X				(f)				X	X
DX	Dark Blue Pearl Met.	Dk. Blue Pearl	ALBZ-19500-7083A	C				X			X			
E4	Infra-Red ▲	Vermilion Red ▲	ALBZ-19500-6470A	C	X									
E9	Vintage Mint Green	Mint Green	PM-19500-7112A	N					X					
F6	Ceramic White Tri-Coat ▲ Met.	Ceramic White Tri-Coat	ALBZ-19500-7085A	C									X	X
FL	Toreador Red ▲ Met./Sangria Red ▲ Met.	Toreador Red ▲	ALBZ-19500-6758A	C	X									
FS	Spruce Green ▲ Met.	Spruce Green ▲	ALBZ-19500-6860A	C			X	X		X	X			
FX	Merlot ▲ Met./Crimson Red	Merlot	ALBZ-19500-7087A	C		(f)	X		X	X				
G2	Red Fire ▲ Met./Vivid Red ▲ Met.	Redfire	ALBZ-19500-7089A	C		X							X	
G3	Light French Silk ▲ Met.	Pueblo Gold	PM-19500-7113A	N									X	X
G4	Cashmere ▲ Tri-Coat	Cashmere Tri-Coat	PM-19500-7118A	N									X	X
G6	Mystichrome	Mystichrome	PM-19500-7099A	N		X								
GT	Autumn Red ▲ Met.	Autumn Red ▲	ALBZ-19500-6934A	C									X	X
JL	Dark Toreador Red ▲ Met.	Dk. Toreador Red	ALBZ-19500-6771A	C				X			X	X		
JP	Silver Birch ▲ Met./Platinum Silver	Silver Birch ▲	ALBZ-19500-7052A	C				X	X		X	X	X	X
L2	True Blue ▲ Met.	True Blue	ALBZ-19500-7023A	C									X	X
L5	Azure Blue	Azure Blue	ALBZ-19500-7091A	C		X								
LS	Lt. Ice Blue ▲ Met.	Lt. Ice Blue ▲	ALBZ-19500-7054A	C				X	X		X			
M9	French Blue ▲ Met.	French Blue ▲	ALBZ-19500-7043A	C	X									
MK	Twilight Blue ▲ Met.	Twilight Blue ▲	ALBZ-19500-6290A	C	X									
RJ	Medium True Blue ▲ Met.	Med. True Blue ▲	ALBZ-19500-7055A	C			X			X				
SN	Sonic Blue ▲ Met.	Sonic Blue	ALBZ-19500-7095A	C	X	X								
SP	Medium Steel Blue ▲ Met.	Med. Steel Blue ▲	ALBZ-19500-6966A	C									X	X
TC	Charcoal Gray ▲ Met.	Charcoal Gray ▲	ALBZ-19500-7050A	C									X	X
TS	Silver Frost ▲ Met./CD Silver ▲ Met.	Silver Frost ▲	ALBZ-19500-6720A	C	X		X			X				
TV	Midnight Gray ▲ Met.	Midnight Gray ▲ Met.	ALBZ-19500-6852A	C				X			X			
UA	Black ▲/Pitch Black ▲/Evening Black	Black	ALBZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X
WT	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C			X	X		X	X			X
YN	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C		X								
YZ	Cloud 9 White ▲	White ▲	ALBZ-19500-5920A	C	X									
Z1	Oxford White ▲	White ▲	ALBZ-19500-5920A	C		X								
					SPECIAL PAINTS									
			Primer	ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X
			Clear (c)	ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X
			Charcoal	ALBZ-19500-6388G	C	X	X	X	X	X	X		X	X
					AEROSOL PAINTS									
			Primer	ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X
			Black	ALAZ-19500-1724A	C	X	X	X	X	X	X	X	X	X
			Pastel White	ALAZ-19500-5920A	C	X								
			Clear (c)	ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X
			Charcoal	ALAZ-19500-6388G	C	X	X	X	X	X	X		X	X

NOTE: ALBZ part numbers (Ford-branded) will be replaced by PM part numbers (Motorcraft-branded) and ALAZ part numbers (Ford-branded) will be replaced by PMA part numbers (Motorcraft-branded).

(c) = Clear Gloss Improver (may darken basecoat).

(f) = Available as part of a special regional package or feature vehicle.

▲ = Clearcoat

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

2004 Truck, Van & Sport Utility Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division								LM Division					
					Freestar	Econoline	Excursion	Explorer	Expedition	Ranger	Escape	F-Series	Medium Truck	Monterey	Mountaineer	Navigator	Aviator	
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	ALBZ-19500-6985A	C	X					(b)	X		X	X	X			
B2	Harvest Gold ▲ Met.	Harvest Gold ▲	ALBZ-19500-6926A	C	(b)													
B4	Chestnut Brown ▲ Met.	Chestnut ▲	ALBZ-19500-6938A	C									X					
BY	School Bus Yellow ▲	Chrome Yellow	ALBZ-19500-1526A	C		X												
C2	Gold Ash ▲ Met.	Gold Ash	ALBZ-19500-7065A	C		X					X				X			
CX	Dark Shadow Gray ▲ Met.	Dk. Shadow Gray	ALBZ-19500-7039A	C	X	X				X	X	X	X	X				
CY	Competition Orange ▲	Competition Orange	ALBZ-19500-7117A	C					(e)									
D6	Blazing Yellow ▲	Screaming Yellow	ALBZ-19500-7109A	C								X						
DT	Matador Red ▲ Met.	Matador Red ▲	ALBZ-19500-7057A	C	X										X			
DX	Dark Blue Pearl ▲ Met.	Dk. Blue Pearl	ALBZ-19500-7083A	C					X							X		X
E4	Bright Red ▲	Vermilion Red ▲	ALBZ-19500-6470A	C							X	X	X	X				
F1	Red ▲ Met.	Vermilion Red	ALBZ-19500-6470A	C								X						
F6	Ceramic White Tri-Coat ▲ Met.	Ceramic White Tri-Coat	ALBZ-19500-7085A	C					X							X		X
FL	Toreador Red ▲ Met./Medium Toreador Red ▲ Met.	Toreador Red ▲	ALBZ-19500-6758A	C			X				X		X					
FS	Spruce Green ▲ Met.	Spruce Green ▲	ALBZ-19500-6860A	C	X										X			
FU	Dark Green Satin ▲ Met.	Dk. Green Satin ▲	ALBZ-19500-6862A	C							X			X				
FW	Dark Green Satin ▲	Dk. Green Satin ▲	ALBZ-19500-6862A	C								X						
FX	Merlot ▲ Met.	Merlot	ALBZ-19500-7087A	C									X				X	
G2	Red Fire ▲ Met./Vivid Red ▲ Met.	Redfire	ALBZ-19500-7089A	C					X	X		X				X		X
G3	Pueblo Gold ▲ Met./Light French Silk ▲ Met.	Pueblo Gold	PM-19500-7113A	N			X	X	X							X	X	X
G4	Cashmere ▲ Tri-Coat	Cashmere Tri-Coat	PM-19500-7118A	N													X	
JL	Dark Toreador Red ▲ Met.	Dk. Toreador Red	ALBZ-19500-6771A	C		X							X	X				
JM	Dark Toreador Red ▲	Dk. Toreador Red	ALBZ-19500-6771A	C								X						
JP	Silver Birch ▲ Met.	Silver Birch ▲	ALBZ-19500-7052A	C	X		X	X	X						X	X	X	X
KR	Norsea Blue ▲ Met.	Norsea Blue	PM-19500-7111A	N											X			
L2	True Blue ▲ Met.	True Blue	ALBZ-19500-7023A	C		X	X			X		X	X	X			X	
LD	Med. Wedgewood Blue ▲ Met.	Med. Wedgewood ▲	ALBZ-19500-6763A	C					X	X			X	X			X	
P5	Aspen Green ▲ Met.	Aspen Green ▲	ALBZ-19500-7056A	C			X	X	X		X	X						
PX	Dark Highland Green ▲ Met.	Dk. Highland Green ▲	ALBZ-19500-6920A	C								X						
RC	Platinum	Med. Platinum ▲	ALBZ-19500-6454A	C			(b)	(b)										
SN	Sonic Blue ▲ Met.	Sonic Blue	ALBZ-19500-7095A	C						X		X						
SP	Medium Steel Blue ▲ Met.	Med. Steel Blue ▲	ALBZ-19500-6966A	C	X													
ST	Estate Green ▲ Met.	Estate Green ▲	ALBZ-19500-6918A	C		X	X	X	X			X				X		
TK	Mineral Gray ▲ Met.	Mineral Gray ▲	ALBZ-19500-7020A	C	(a)		X	X							X	X	X	
TL	Satin Silver ▲ Met.	Satin Silver	ALBZ-19500-7049A	C							X							
UA	Black ▲	Black	ALBZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UD	Black ▲	Black	ALBZ-19500-1724A	C								X						
WT	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C	X													
YN	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C		X				X		X	X					
YZ	Oxford White ▲	White ▲	ALBZ-19500-5920A	C		X	X	X	X	X	X	X	X	X		X	X	
Z1	Oxford White	White ▲	ALBZ-19500-5920A	C								X						
Z3	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C								X						
		SPECIAL PAINTS																
		Primer	ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Clear (c)	ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Charcoal	ALBZ-19500-6388G	C	X	X	X	X	X	X		X	X	X	X	X	X	
		Graphite	PM-19500-7108A	N	X													
		AEROSOL PAINTS																
		Primer	ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Black	ALAZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X	X	
		Pastel White	ALAZ-19500-5920A	C		X	X	X	X	X	X	X	X	X		X	X	
		Clear (c)	ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Charcoal	ALAZ-19500-6388G	C	X	X	X	X	X	X		X	X	X	X	X	X	

NOTE: ALBZ part numbers (Ford-branded) will be replaced by PM part numbers (Motorcraft-branded) and ALAZ part numbers (Ford-branded) will be replaced by PMA part numbers (Motorcraft-branded).

- (a) = Accent color
- (b) = Cladding only
- (c) = Clear Gloss Improver (may darken basecoat)
- (e) = Explorer Sport Trac only
- ▲ = Clearcoat

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

ORDER THROUGH YOUR D.O.E.S. II SYSTEM

2004 Interior Paint Availability Chart

Trim Code	Trim Color	Passenger Cars								Trucks											Interior Paint Color Name	Interior Paint Part Number		
		Focus	Mustang/Cobra	Taurus/Sable	Thunderbird	Crown Vic/Gnd. Mar.	Lincoln LS	Marauder	Town Car	Aviator	Navigator	Mountaineer	Freestar (Windstar)	Ranger	Excursion	Escape	Explorer/Sport Trac	F-Series	Medium Truck	Expedition			Econoline	Monterey
2	Medium/Dark Flint															X						Charcoal Black	M4JZ-19M547-4149H	
																X						Dark Flint	M4JZ-19M547-2002H	
																X						Lt. Flint	M4JZ-19M547-2003H	
2	Medium Graphite		X	X														X				Charcoal Black	M4JZ-19M547-4149H	
			X																			Midnight Black	M4JZ-19M547-1074H	
				X																		Lt. Graphite	M4JZ-19M547-4240H	
			X	X														X				Med. Graphite	M4JZ-19M547-4245H	
				X														X				Dk. Graphite	M4JZ-19M547-4253H	
6	Flint											X										X	Charcoal Black	M4JZ-19M547-4149H
																						X	Med. Flint	M4JZ-19M547-2001H
												X										X	Med. Dk. Flint	M4JZ-19M547-2004H
												X										X	Med. Lt. Flint	M4JZ-19M547-2021H
7	Pebble											X										X	Charcoal Black	M4JZ-19M547-4149H
																						X	Med. Pebble	M4JZ-19M547-2016H
												X										X	Lt. Pebble	M4JZ-19M547-2019H
												X										X	Med. Lt. Pebble	M4JZ-19M547-2020H
A	Medium Graphite	X																					Charcoal Black	M4JZ-19M547-4149H
		X																					Med. Dk. Graphite	M4JZ-19M547-4238H
A	Light Parchment										X												Charcoal Black	M4JZ-19M547-4149H
											X												Lt. Parchment	M4JZ-19M547-1076H
											X												Dark Stone	M4JZ-19M547-2012H
B	Ebony Black/Solid Ebony/Black													X		X		X					Charcoal Black	M4JZ-19M547-4149H
																X							Lt. Flint	M4JZ-19M547-2003H
C	Light Flint					X	X																Lt. Flint	M4JZ-19M547-2003H
						X	X																Med. Dk. Flint	M4JZ-19M547-2004H
						X	X																Charcoal Black	M4JZ-19M547-4149H
D	Dark Flint																	X					Charcoal Black	M4JZ-19M547-4149H
																		X					Med. Flint	M4JZ-19M547-2001H
																		X					Dark Flint	M4JZ-19M547-2002H
D	Midnight Black/w/Mystichrome		X																				Charcoal Black	M4JZ-19M547-4149H
			X																				Midnight Black	M4JZ-19M547-1074H
			X																				Lt. Graphite	M4JZ-19M547-4240H
D	Dark Stone/Dove Gray										X												Charcoal Black	M4JZ-19M547-4149H
											X												Dark Flint	M4JZ-19M547-2002H
											X												Med. Satin Nickel	M4JZ-19M547-2015H
											X												Granite	M4JZ-19M547-2023H
											X												Dove Gray	M4JZ-19M547-2025H
E	Medium Flint/Medium Flint Gray/Flint/Dark Flint/Medium-Dark Two-Tone													X			X	X	X	X	X		Charcoal Black	M4JZ-19M547-4149H
														X			X	X	X	X	X		Med. Flint	M4JZ-19M547-2001H
														X			X	X	X				Dark Flint	M4JZ-19M547-2002H
																					X		Lt. Flint	M4JZ-19M547-2003H
																					X		Med. Dk. Flint	M4JZ-19M547-2004H
																				X			Dove Gray	M4JZ-19M547-2025H
F	Medium Dark Flint													X			X						Charcoal Black	M4JZ-19M547-4149H
																	X						Dark Flint	M4JZ-19M547-2002H
																	X						Lt. Flint	M4JZ-19M547-2003H
														X			X						Med. Dk. Flint	M4JZ-19M547-2004H
F	Medium Dark Parchment/Light Parchment							X															Charcoal Black	M4JZ-19M547-4149H
								X															Lt. Parchment	M4JZ-19M547-1076H
								X															Med. Dk. Parchment	M4JZ-19M547-1086H
G	Dove Gray									X													Charcoal Black	M4JZ-19M547-4149H
										X													Granite	M4JZ-19M547-2023H
										X													Dove Gray	M4JZ-19M547-2025H
H	Medium Parchment	X	X	X		X									X			X	X	X	X		Charcoal Black	M4JZ-19M547-4149H
		X																			X		Midnight Black	M4JZ-19M547-1074H
			X																		X		Lt. Parchment	M4JZ-19M547-1076H
		X	X	X		X								X				X	X	X			Med. Parchment	M4JZ-19M547-1077H
		X	X			X								X									Dk. Parchment	M4JZ-19M547-1078H
				X		X								X				X	X				Med. Dk. Parchment	M4JZ-19M547-1086H
																				X			Espresso	M4JZ-19M547-2006H
H	Medium/Dark Pebble																X						Charcoal Black	M4JZ-19M547-4149H
																	X						Lt. Parchment	M4JZ-19M547-1076H
																	X						Med. Pebble	M4JZ-19M547-2016H
J	Light Parchment									X													Charcoal Black	M4JZ-19M547-4149H
										X													Lt. Parchment	M4JZ-19M547-1076H
										X													Dark Stone	M4JZ-19M547-2012H
M	Midnight Gray/Midnight Black											X					X						Charcoal Black	M4JZ-19M547-4149H
												X					X						Midnight Black	M4JZ-19M547-1074H
												X					X						Dove Gray	M4JZ-19M547-2025H
P	Medium Parchment/Medium Dark Parchment											X					X						Charcoal Black	M4JZ-19M547-4149H
												X					X						Lt. Parchment	M4JZ-19M547-1076H
												X					X						Med. Dk. Parchment	M4JZ-19M547-1086H
P	Medium Pebble													X									Charcoal Black	M4JZ-19M547-4149H
														X									Med. Pebble	M4JZ-19M547-2016H
P	Ash				X																		Charcoal Black	M4JZ-19M547-4149H
					X																		Dark Ash	M4JZ-19M547-2014H
Q	Light Sand				X																		Charcoal Black	M4JZ-19M547-4149H
					X																		Black Ink	M4JZ-19M547-2005H
R	Torch Red				X																		Charcoal Black	M4JZ-19M547-4149H
					X																		Black Ink	M4JZ-19M547-2005H

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

ORDER THROUGH YOUR D.O.E.S. II SYSTEM

2004 Interior Paint Availability Chart

Trim Code	Trim Color	Passenger Cars							Trucks											Interior Paint Color Name	Interior Paint Part Number			
		Focus	Mustang/Cobra	Taurus/Sable	Thunderbird	Crown Vic./Gnd. Mar.	Lincoln LS	Marauder	Town Car	Aviator	Navigator	Mountaineer	Freestar (Windstar)	Ranger	Excursion	Escape	Explorer/Sport Trac	F-Series	Medium Truck			Expedition	Econoline	Monterey
S	Shale/Dove						X	X															Charcoal Black	M4JZ-19M547-4149H
							X	X															Shale	M4JZ-19M547-2024H
							X	X															Dove Gray	M4JZ-19M547-2025H
T	Graphite/Dark Graphite																X	X					Charcoal Black	M4JZ-19M547-4149H
																	X						Dove Gray	M4JZ-19M547-2025H
																	X	X					Dk. Graphite	M4JZ-19M547-4253H
U	Dark Stone/Medium Light Stone						X	X															Charcoal Black	M4JZ-19M547-4149H
							X	X															Med. Light Stone	M4JZ-19M547-2011H
							X	X															Dark Stone	M4JZ-19M547-2012H
							X																Med. Stone	M4JZ-19M547-2022H
W	Dark Charcoal	X	X	X		X		X															Charcoal Black	M4JZ-19M547-4149H
		X	X	X		X		X															Midnight Black	M4JZ-19M547-1074H
				X																			Lt. Graphite	M4JZ-19M547-4240H
W	Medium Pebble																X				X		Charcoal Black	M4JZ-19M547-4149H
																	X				X		Lt. Parchment	M4JZ-19M547-1076H
																	X				X		Med. Pebble	M4JZ-19M547-2016H
																					X		Med. Dk. Pebble	M4JZ-19M547-2017H
W	Tan																	X					Charcoal Black	M4JZ-19M547-4149H
																		X					Med. Pebble	M4JZ-19M547-2016H
																		X					Dark Pebble	M4JZ-19M547-2018H
W	Midnight Black/w Midnight Black/Black Ink		X		X		X	X															Charcoal Black	M4JZ-19M547-4149H
			X																				Midnight Black	M4JZ-19M547-1074H
					X		X	X															Black Ink	M4JZ-19M547-2005H
Z	Oxford White/ Performance White		X	X																			Charcoal Black	M4JZ-19M547-4149H
			X																				Midnight Black	M4JZ-19M547-1074H
					X																		Black Ink	M4JZ-19M547-2005H

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

2003 Passenger Car Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division						Lincoln Mercury Division				
					Escort/ZX2	Focus	Mustang	Taurus	Crown Victoria	Thunderbird	Sable	Grand Marquis	Marauder	Lincoln LS	Town Car
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	ALBZ-19500-6985A	C		X		X	X		X	X			
B4	Chestnut ▲ Met.	Chestnut ▲	ALBZ-19500-6938A	C					X			X			
B6	Mandarin Copper ▲ Met.	Mandarin Copper ▲	ALBZ-19500-6987A	C	X										
B7	Zinc Yellow ▲/Egg Yolk Yellow ▲	Zinc Yellow ▲	ALBZ-19500-7000A	C		X	X								
BQ	Lt. Parchment Gold ▲ Met.	Lt. Parchment Gold ▲	ALBZ-19500-6904A	C										X	X
C2	Gold Ash ▲ Met.	Gold Ash	ALBZ-19500-7065A	N				X	X		X	X			
CQ	Coral	Coral	ALBZ-19500-7103A	N						X					
CX	Dark Shadow Grey ▲ Met./Liquid Grey ▲ Met./Mountain Shadow Grey	Dk. Shadow Grey	ALBZ-19500-7039A	C	X	X	X	X		X	X				
CZ	Desert Sky Blue	Robin's Egg Blue	ALBZ-19500-7098A	N						X					
D3	Torch Red ▲/Torch Red	Colorado Red ▲	ALBZ-19500-7042A	C			X			X					
DT	Matador Red ▲ Met.	Matador Red ▲	ALBZ-19500-7057A	C				X	X		X	X			
DV	Light Tundra ▲ Met.	Light Tundra	ALBZ-19500-7081A	N		X								X	
DX	Dark Blue Pearl	Dk. Blue Pearl	ALBZ-19500-7083A	N					X			X	X		
E4	Bright Red ▲/Infra-Red ▲	Vermilion Red ▲	ALBZ-19500-6470A	C	X	X									
F5	Grabber Green ▲ Met.	Grabber Green	ALBZ-19500-7053A	C	X	X									
F6	Ceramic White ▲ Tri-Coat/Ceramic White Tri-Coat	Ceramic White Tri-Coat	ALBZ-19500-7085A	N										X	X
FL	Toreador Red ▲/Sangria Red ▲ Met.	Toreador Red ▲	ALBZ-19500-6758A	C	X	X									
FS	Spruce Green ▲ Met.	Spruce Green ▲	ALBZ-19500-6860A	C				X	X		X	X			
G2	Redfire ▲	Redfire	ALBZ-19500-7089A	C			X							X	
GT	Autumn Red ▲ Met.	Autumn Red ▲	ALBZ-19500-6934A	C										X	X
HC	Ivory Parchment ▲ (Tri-Coat)	Ivory Parchment 3C	ALBZ-19500-6944A	C										X	X
JP	Silver Birch ▲ Met.	Silver Birch ▲	ALBZ-19500-7052A	C					X			X	X	X	X
L2	True Blue ▲ Met.	True Blue	ALBZ-19500-7023A	C			X							X	X
L3	Medium Pacific Blue ▲ Met.	Pacific Blue ▲	ALBZ-19500-7024A	C											X
L5	Azure Blue	Azure Blue	ALBZ-19500-7091A	N			X								
LL	Deep Wedgewood Blue ▲ Met.	Deep Wedgewood Blue ▲	ALBZ-19500-6910A	C					X			X			
LS	Lt. Ice Blue ▲ Met.	Lt. Ice Blue ▲	ALBZ-19500-7054A	C					X			X			
LZ	Bright Island Blue ▲ Met.	Brt. Island Blue ▲	ALBZ-19500-7021A	C	X										
M9	French Blue ▲ Met./Patriot Blue ▲ Met.	French Blue ▲	ALBZ-19500-7043A	C		X		X			X				
MK	Twilight Blue ▲ Met.	Twilight Blue ▲	ALBZ-19500-6290A	C	X	X									
P5	Aspen Green ▲ Met.	Aspen Green ▲	ALBZ-19500-7056A	C					X			X		X	X
S1	SVT Blue	SVT Blue	ALBZ-19500-7051A	C		X									
SN	Sonic Blue ▲ Met.	Sonic Blue	ALBZ-19500-7095A	C			X								
SP	Medium Steel Blue ▲ Met.	Med. Steel Blue ▲	ALBZ-19500-6966A	C										X	X
SU	Tropic Green ▲ Met.	Amazon Green ▲	ALBZ-19500-6922A	C			X								
TC	Charcoal Grey ▲ Met.	Charcoal Grey ▲	ALBZ-19500-7050A	C										X	X
TK	Mineral Grey ▲ Met.	Mineral Grey ▲	ALBZ-19500-7020A	C	X										
TS	Silver Frost ▲ Met./ CD Silver ▲ Met.	Silver Frost ▲	ALBZ-19500-6720A	C	X	X		X	X		X	X			
UA	Black ▲/ Pitch Black ▲/ Evening Black	Black	ALBZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X
W5	Whisper White	Ceramic White ▲	ALBZ-19500-7018A	C						X					
WF	White Pearlescent ▲ Met. (Tri-Coat)	White Pearl Tri-Coat	ALBZ-19500-6864A	C											X
WT	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C				X	X		X	X			X
YN	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C			X								
YZ	Oxford White ▲/ Cloud 9 White ▲	White ▲	ALBZ-19500-5920A	C	X	X									
Z1	Oxford White ▲	White ▲	ALBZ-19500-5920A	C			X								
SPECIAL PAINTS															
	Primer		ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X
	Clear (c)		ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALBZ-19500-6388G	C		X	X	X	X		X	X	X	X	X
AEROSOL PAINTS															
	Primer		ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X
	Black		ALAZ-19500-1724A	C		X	X	X	X		X	X	X	X	X
	Pastel White		ALAZ-19500-5920A	C		X									
	Clear (c)		ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALAZ-19500-6388G	C		X	X	X	X		X	X	X	X	X

NOTE: ALBZ part numbers (Ford-branded) will be replaced by PM part numbers (Motorcraft-branded) and ALAZ part numbers (Ford-branded) will be replaced by PMA part numbers (Motorcraft-branded).

(c) = Clear Gloss Improver (may darken basecoat).

▲ = Clearcoat

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

2003 Truck, Van & Sport Utility Exterior Paint Chart

					Ford Division									LM Division		
Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Windstar	Econoline	Excursion	Explorer	Expedition	Ranger	Escape	F-Series	Medium Truck	Navigator	Mountaineer	Aviator
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	ALBZ-19500-6985A	C				(b)	X	X		X	X			
B2	Harvest Gold ▲ Met.	Harvest Gold ▲	ALBZ-19500-6926A	C				X							X	
B4	Chestnut ▲ Met.	Chestnut ▲	ALBZ-19500-6938A	C								X				
B7	Zinc Yellow ▲	Zinc Yellow ▲	ALBZ-19500-7000A	C				X								
BQ	Light Parchment Gold ▲ Met.	Lt. Parchment Gold ▲	ALBZ-19500-6904A	C	X	X										
BY	School Bus Yellow ▲ Met.	Chrome Yellow	ALBZ-19500-1526A	C		X							X			
BZ	Chrome Yellow ▲	Chrome Yellow ▲	ALBZ-19500-6675A	C							X					
C2	Gold Ash Met./Gold Ash ▲ Met.	Gold Ash	ALBZ-19500-7065A	N							X					X
CX	Dk. Shadow Grey ▲ Met.	Dk. Shadow Grey	ALBZ-19500-7039A	C					X		X	X	X			
DT	Matador Red ▲ Met.	Matador Red ▲	ALBZ-19500-7057A	C	X											
E4	Bright Red ▲	Vermilion Red ▲	ALBZ-19500-6470A	C	(d)					X		X	X			
E9	Laser Red Tinted ▲ Met.	Laser Red Tint ▲	ALBZ-19500-6688A	C					X							
F1	Red ▲	Vermilion Red	ALBZ-19500-6470A	C								X	X			
F6	Ceramic White ▲ Tri-Coat/Ceramic White Tri-Coat ▲ Met./Ceramic White Pearl Tri-Coat ▲ Met.	Ceramic White Tri-Coat	ALBZ-19500-7085A	N				X							X	X
FL	Toreador Red ▲	Toreador Red ▲	ALBZ-19500-6758A	C						X		X	X			
FN	Toreador Red ▲ Met.	Toreador Red ▲	ALBZ-19500-6758A	C								X	X			
FS	Spruce Green ▲ Met.	Spruce Green ▲	ALBZ-19500-6860A	C	X											
FX	Burgundy Red ▲ Met.	Merlot	ALBZ-19500-7087A	N		X						X				
G2	Red Fire ▲ Met./Vivid Red Met.	Redfire	ALBZ-19500-7089A	C			X	X			X				X	X
GT	Autumn Red ▲ Met.	Autumn Red ▲	ALBZ-19500-6934A	C										X		
JP	Silver Birch ▲ Met.	Silver Birch ▲	ALBZ-19500-7052A	C		X	X	X	X					X	X	X
KW	Charcoal Blue ▲ Met.	Charcoal Blue Met. ▲	ALBZ-19500-6855A	C								X				
L2	True Blue ▲ Met.	True Blue	ALBZ-19500-7023A	C	X	X	X	X	X		X	X	X		X	
LD	Med. Wedgewood Blue ▲ Met.	Med. Wedgewood ▲	ALBZ-19500-6763A	C			X	X	X						X	X
LL	Deep Wedgewood Blue ▲ Met.	Dp. Wedgewood Blue ▲	ALBZ-19500-6910A	C						X						
LV	Light Sapphire Blue ▲ Met.	Lt. Sapphire Blue ▲	ALBZ-19500-6992A	C	X											
P5	Aspen Green ▲ Met.	Aspen Green ▲	ALBZ-19500-7056A	C			X	X	X		X			X		X
PX	Dark Highland Green ▲ Met.	Dk. Highland Green ▲	ALBZ-19500-6920A	C						X		X	X			
PY	Dark Highland Green ▲ Met.	Dk. Highland Green ▲	ALBZ-19500-6920A	C								X	X			
R1	Island Blue ▲ Met.	Dark Teal ▲	ALBZ-19500-7001A	C									X			
RC	Medium Platinum▲ Met.	Med. Platinum ▲	ALBZ-19500-6454A	C			(b)									
SN	Sonic Blue ▲ Met.	Sonic Blue	ALBZ-19500-7095A	C						X		X	X			
ST	Estate Green ▲ Met.	Estate Green ▲	ALBZ-19500-6918A	C	X	X	X	X	X			X			X	
SU	Tropic Green ▲ Met.	Amazon Green ▲	ALBZ-19500-6922A	C	X											
T4	Light Mineral Grey Met.	Lt. Mineral Grey	ALBZ-19500-7033A	C											(b)	
TK	Mineral Grey ▲ Met.	Mineral Grey ▲	ALBZ-19500-7020A	C	(a)	X	X	X						X	X	X
TL	Satin Silver ▲ Met.	Satin Silver	ALBZ-19500-7049A	C							X					
TP	Medium Grey ▲ Met.	Medium Grey ▲	ALBZ-19500-6853A	C											X	
TS	Silver Frost ▲ Met.	Silver Frost ▲	ALBZ-19500-6720A	C	X					X						
UA	Black ▲	Black	ALBZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X
UD	Black ▲	Black	ALBZ-19500-1724A	C								X	X			
WT	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C	X											
YN	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C								X	X			
YZ	Oxford White ▲	White ▲	ALBZ-19500-5920A	C		X	X	X	X	X	X	X	X	X	X	X
Z1	Oxford White ▲	White ▲	ALBZ-19500-5920A	C								X	X			
Z3	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C								X	X			
SPECIAL PAINTS																
	Primer		ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Clear (c)		ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALBZ-19500-6388G	C	X	X	X	X	X	X		X	X	X	X	
AEROSOL PAINTS																
	Primer		ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Black		ALAZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	
	Pastel White		ALAZ-19500-5920A	C		X	X	X	X	X	X	X	X	X	X	
	Clear (c)		ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALAZ-19500-6388G	C	X	X	X	X	X	X		X	X	X	X	

NOTE: ALBZ part numbers (Ford-branded) will be replaced by PM part numbers (Motorcraft-branded) and ALAZ part numbers (Ford-branded) will be replaced by PMA part numbers (Motorcraft-branded).

(a) = Accent color

(b) = Cladding only

(c) = Clear Gloss Improver (may darken basecoat)

(d) = Canada only

▲ = Clearcoat

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

ORDER THROUGH YOUR D.O.E.S. II SYSTEM

2003 Interior Paint Availability Chart

Trim Code	Trim Color	Passenger Cars							Trucks											Interior Paint Color Name	Interior Paint Part Number					
		ZX2	Focus	Mustang/Cobra	Taurus/Sable	Thunderbird	Crown Vic./Grand Marquis	Lincoln LS	Town Car	Aviator	Navigator	Mountaineer	Windstar	Ranger	Excursion	Escape	Explorer	Blackwood	F-Series			Medium Truck	Expedition	Econoline		
2	Medium Dark Flint/ Medium Flint															X						X	Charcoal Black	MAJZ-19M547-4149H		
																X						X	Lt. Flint	MAJZ-19M547-2003H		
																						X	Med. Flint	MAJZ-19M547-2001H		
																						X	Med. Dk. Flint	MAJZ-19M547-2004H		
																							Dark Flint	MAJZ-19M547-2002H		
																X							Charcoal Black	MAJZ-19M547-4149H		
				X	X								X							X				Lt. Graphite	MAJZ-19M547-4240H	
				X	X								X						X					Med. Graphite	MAJZ-19M547-4245H	
													X										Med. Dk. Graphite	MAJZ-19M547-4238H		
					X														X				Dk. Graphite	MAJZ-19M547-4253H		
																							Midnight Black	MAJZ-19M547-1074H		
				X																				Charcoal Black	MAJZ-19M547-4149H	
A	Light Parchment										X												Lt. Parchment	MAJZ-19M547-1076H		
											X												Med. Satin Nickel	MAJZ-19M547-2015H		
											X													Espresso	MAJZ-19M547-2006H	
				X																				Charcoal Black	MAJZ-19M547-4149H	
A	Medium Graphite		X																				Lt. Graphite	MAJZ-19M547-4240H		
			X																				Med. Dk. Graphite	MAJZ-19M547-4238H		
			X																					Charcoal Black	MAJZ-19M547-4149H	
											X			X		X	X							Med. Satin Nickel	MAJZ-19M547-2015H	
B	Midnight Black/Ebony Black/ Black Ebony/Red, Ebony/Blue									X				X		X		X	X				Black Ink	MAJZ-19M547-2005H		
										X														Lt. Flint	MAJZ-19M547-2003H	
								X																Charcoal Black	MAJZ-19M547-4149H	
								X																Lt. Flint	MAJZ-19M547-2003H	
C	Light Flint																						Lt. Flint	MAJZ-19M547-2003H		
																							Med. Dk. Flint	MAJZ-19M547-2004H		
																								Midnight Black	MAJZ-19M547-1074H	
																								Charcoal Black	MAJZ-19M547-4149H	
C	Whisper White					X																	Black Ink	MAJZ-19M547-2005H		
						X																		Charcoal Black	MAJZ-19M547-4149H	
D	Dark Flint																		X				Black Ink	MAJZ-19M547-2005H		
																			X					Charcoal Black	MAJZ-19M547-4149H	
E	Espresso/Medium Light Stone																						Dark Flint	MAJZ-19M547-2002H		
									X	X														Charcoal Black	MAJZ-19M547-4149H	
									X	X														Med. Light Stone	MAJZ-19M547-2011H	
									X	X														Espresso	MAJZ-19M547-2006H	
E	Medium Flint																						Med. Satin Nickel	MAJZ-19M547-2015H		
															X		X		X	X				Charcoal Black	MAJZ-19M547-4149H	
															X		X		X	X				Lt. Flint	MAJZ-19M547-2003H	
															X		X		X	X				Med. Flint	MAJZ-19M547-2001H	
E	Medium Prairie Tan	X																					Dark Flint	MAJZ-19M547-2002H		
		X																						Charcoal Black	MAJZ-19M547-4149H	
F	Medium Dark Parchment/ Light Parchment																							Prairie Tan	MAJZ-19M547-4265H	
																								Charcoal Black	MAJZ-19M547-4149H	
																								Lt. Parchment	MAJZ-19M547-1076H	
																								Med. Dk. Parchment	MAJZ-19M547-1086H	
G	Flint Gray																					X	Charcoal Black	MAJZ-19M547-4149H		
																						X	Lt. Flint	MAJZ-19M547-2003H		
																						X	Dark Flint	MAJZ-19M547-2002H		
																								Charcoal Black	MAJZ-19M547-4149H	
H	Medium Parchment Dark Charcoal w/Medium Parchment		X	X	X		X						X		X				X	X	X		Lt. Parchment	MAJZ-19M547-1076H		
					X								X											Med. Parchment	MAJZ-19M547-1077H	
			X	X	X		X							X					X	X				Med. Dk. Parchment	MAJZ-19M547-1086H	
			X	X			X								X				X	X					Dk. Parchment	MAJZ-19M547-1078H
H	Medium Pebble																				X		Espresso	MAJZ-19M547-2006H		
																	X							Charcoal Black	MAJZ-19M547-4149H	
																	X							Lt. Parchment	MAJZ-19M547-1076H	
																	X							Med. Pebble	MAJZ-19M547-2016H	
J	Light Parchment										X													Charcoal Black	MAJZ-19M547-4149H	
											X													Lt. Parchment	MAJZ-19M547-1076H	
											X													Espresso	MAJZ-19M547-2006H	
											X													Med. Satin Nickel	MAJZ-19M547-2015H	
L	Medium Ash										X													Charcoal Black	MAJZ-19M547-4149H	
											X													Lt. Parchment	MAJZ-19M547-1076H	
											X													Med. Satin Nickel	MAJZ-19M547-2015H	
											X													Med. Ash	MAJZ-19M547-2013H	
M	Dark Ash/Medium Ash										X													Dark Ash	MAJZ-19M547-2014H	
											X													Charcoal Black	MAJZ-19M547-4149H	
											X													Med. Ash	MAJZ-19M547-2013H	
											X													Dark Ash	MAJZ-19M547-2014H	
M	Midnight Gray																							Med. Satin Nickel	MAJZ-19M547-2015H	
																		X						Charcoal Black	MAJZ-19M547-4149H	
																		X						Lt. Parchment	MAJZ-19M547-1076H	
																		X						Lt. Graphite	MAJZ-19M547-4240H	
																								Med. Pebble	MAJZ-19M547-2016H	
																								Dark Pebble	MAJZ-19M547-2018H	
																									Midnight Black	MAJZ-19M547-1074H
																									Charcoal Black	MAJZ-19M547-4149H
P	Medium Pebble													X										Med. Pebble	MAJZ-19M547-2016H	
															X										Charcoal Black	MAJZ-19M547-4149H
P	Medium Parchment/ Medium Dark Parchment										X							X						Lt. Parchment	MAJZ-19M547-1076H	
											X							X						Med. Dk. Parchment	MAJZ-19M547-1086H	
R	Torch Red		X			X																		Charcoal Black	MAJZ-19M547-4149H	
						X																		Black Ink	MAJZ-19M547-2005H	

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

ORDER THROUGH YOUR D.O.E.S. II SYSTEM

2003 Interior Paint Availability Chart

Trim Code	Trim Color	Passenger Cars							Trucks											Interior Paint Color Name	Interior Paint Part Number			
		ZX2	Focus	Mustang/Cobra	Taurus/Sable	Thunderbird	Crown. Vic./Gnd. Mar.	Lincoln LS	Town Car	Aviator	Navigator	Mountaineer	Windstar	Ranger	Excursion	Escape	Explorer	Blackwood	F-Series			Medium Truck	Expedition	Econoline
S	Saddle					X																	Charcoal Black	M4JZ-19M547-4149H
						X																	Black Ink	M4JZ-19M547-2005H
T	Graphite/Dark Graphite										X		X				X		X				Charcoal Black	M4JZ-19M547-4149H
											X						X						Lt. Graphite	M4JZ-19M547-4240H
											X		X				X		X				Dk. Graphite	M4JZ-19M547-4253H
U	Dark Stone/Medium Light Stone								X														Charcoal Black	M4JZ-19M547-4149H
								X															Med. Light Stone	M4JZ-19M547-2011H
								X															Dark Stone	M4JZ-19M547-2012H
W	Medium Pebble															X					X		Charcoal Black	M4JZ-19M547-4149H
																					X		Lt. Parchment	M4JZ-19M547-1076H
																X					X		Med. Pebble	M4JZ-19M547-2016H
																					X		Med. Dk. Pebble	M4JZ-19M547-2017H
																							Dark Pebble	M4JZ-19M547-2018H
W	Black/Black Ink					X		X	X														Charcoal Black	M4JZ-19M547-4149H
						X		X	X														Black Ink	M4JZ-19M547-2005H
								X															Med. Satin Nickel	M4JZ-19M547-2015H
W	Dark Charcoal	X	X	X	X		X																Charcoal Black	M4JZ-19M547-4149H
			X		X																		Lt. Graphite	M4JZ-19M547-4240H
					X																		Dk. Graphite	M4JZ-19M547-4253H
		X	X	X	X		X																Midnight Black	M4JZ-19M547-1074H
X	Medium Prairie Tan													X									Charcoal Black	M4JZ-19M547-4149H
														X									Med. Prairie Tan	M4JZ-19M547-4264H
Z	Oxford White			X																			Charcoal Black	M4JZ-19M547-4149H
				X																			Midnight Black	M4JZ-19M547-1074H

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

2002 Passenger Car Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division						Lincoln Mercury Division					
					Escort/ZX2	Focus	Mustang	Taurus	Crown Victoria	Thunderbird	Sable	Cougar	Grand Marquis	Lincoln LS	Town Car	Continental
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	ALBZ-19500-6985A	C				X	X		X		X			
B2	Fort Knox Gold ▲ Met.	Harvest Gold ▲	ALBZ-19500-6926A	C		X										
B4	Chestnut ▲ Met.	Chestnut ▲	ALBZ-19500-6938A	C					X				X			
B6	Mandarin Copper	Mandarin Copper	ALBZ-19500-6987A	C		X										
B7	Egg Yolk Yellow ▲/Zinc Yellow ▲	Zinc Yellow ▲	ALBZ-19500-7000A	C		X	X									
BQ	Lt. Parchment Gold ▲ Met./Lt. Parchment Gold ▲	Lt. Parchment Gold ▲	ALBZ-19500-6904A	C							X			X	X	X
C5	Inspiration Yellow	Inspiration Yellow ▲	ALBZ-19500-7041A	N						X						
CX	Dk. Shadow Grey ▲ Met./Liquid Grey ▲ Met.	Dk. Shadow Grey	ALBZ-19500-7039A	C	X	X		X			X					
D3	Torch Red ▲/Torch Red	Colorado Red ▲	ALBZ-19500-7042A	N			X			X						
DT	Matador Red ▲ Met.	Matador Red ▲	ALBZ-19500-7057A	N				X	X		X		X			
E4	Bright Red ▲/ Infra-Red ▲	Vermilion Red ▲	ALBZ-19500-6470A	C	X	X										
E9	Laser Red Tinted ▲	Laser Red Tint ▲	ALBZ-19500-6688A	C			X									
ES	Red ▲	Performance Red	ALBZ-19500-6729A	C							X					
EZ	Rio Red ▲	Rio Red	ALBZ-19500-1031A	C							X					
F3	Medium Cypress Green ▲ Met.	Med. Cypress Green ▲	ALBZ-19500-7022A	C										X		
F5	Grabber Green ▲ Met.	Grabber Green	ALBZ-19500-7053A	N	X	X					X					
FL	Toreador Red ▲ Met./Sangria Red ▲ Met.	Toreador Red ▲	ALBZ-19500-6758A	C	X	X										
FS	Spruce Green ▲ Met.	Spruce Green ▲	ALBZ-19500-6860A	C			X		X		X		X			
G2	Redfire	Redfire	ALBZ-19500-7089A	N										(f)		
GT	Autumn Red ▲ Met.	Autumn Red ▲	ALBZ-19500-6934A	C											X	X
HC	Ivory Parchment ▲	Ivory Parchment 3C	ALBZ-19500-6944A	C										X	X	X
HL	Laser Red Tinted ▲ Met.	Laser Red	ALBZ-19500-1055A	C							X					
JP	Silver Birch ▲ Met.	Silver Birch ▲	ALBZ-19500-7052A	N										X	X	X
K7	Malibu Blue ▲ Met./Bright Atlantic Blue ▲ Met.	Bright Atlantic Blue ▲	ALBZ-19500-6863A	C	X	X										
L2	True Blue ▲ Met./ Pearl Blue ▲ Met.	True Blue	ALBZ-19500-7023A	C			X							X	X	X
L3	Aqua Blue ▲ Met.	Pacific Blue ▲	ALBZ-19500-7024A	C										X	X	
LA	Medium Royal Blue ▲ Met.	Med. Royal Blue ▲	ALBZ-19500-6504A	C				X			X					
LL	Deep Wedgewood Blue ▲ Met.	Deep Wedgewood Blue ▲	ALBZ-19500-6910A	C					X				X			
LS	Lt. Ice Blue ▲ Met.	Lt. Ice Blue	ALBZ-19500-7054A	N					X				X			
LY	Thunderbird Blue	Thunderbird Blue ▲	ALBZ-19500-7016A	N						X						
M7	Lt. Blue ▲ Met.	Lt. Blue Met. ▲	ALBZ-19500-6854A	C							X					
M9	French Blue ▲ Met.	French Blue	ALBZ-19500-7043A	C		X		X			X	X				
MK	Twilight Blue ▲ Met.	Twilight Blue ▲	ALBZ-19500-6290A	C	X	X										
P5	Aspen Green ▲ Met./Aspen Green Pearl ▲ Met.	Aspen Green ▲	ALBZ-19500-7056A	N					X				X	X	X	X
RC	Medium Platinum ▲ Met.	Med. Platinum ▲	ALBZ-19500-6454A	C											(a)	
RJ	Med. True Blue ▲ Met.	Med. True Blue ▲	ALBZ-19500-7055A	N				X			X					
S1	SVT Blue	SVT Blue	ALBZ-19500-7051A	N		X										
SN	Sonic Blue ▲ Met.	Sonic Blue ▲ Met.	ALBZ-19500-7095A	N			X									
SU	Tropic Green ▲ Met.	Amazon Green ▲	ALBZ-19500-6922A	C			X									
SW	Electric Green ▲ Met.	Electric Green ▲	ALBZ-19500-6953A	C			X									
TC	Charcoal Grey ▲	Charcoal Grey ▲	ALBZ-19500-7050A	N										X	X	
TG	Dark Shadow Grey ▲ Met.	Warm Grey	ALBZ-19500-1080A	C							X					
TK	Mineral Grey ▲ Met.	Mineral Grey ▲	ALBZ-19500-7020A	C	X		X									
TL	Satin Silver ▲	Satin Silver	ALBZ-19500-7049A	N			X				X					
TS	Silver Frost ▲ Met./ CD Silver ▲ Met.	Silver Frost ▲	ALBZ-19500-6720A	C	X	X		X	X		X		X	X	X	X
TU	Silver Frost ▲ Met.	Silver Frost	ALBZ-19500-1071A	C							X					
TV	Midnight Grey ▲ Met.	Midnight Grey Met. ▲	ALBZ-19500-6852A	C										X	X	
UA	Black ▲/ Pitch Black ▲/ Evening Black	Black	ALBZ-19500-1724A	C	X	X	X	X	X	X	X		X	X	X	X
UB	Black	Black	ALBZ-19500-1724A	C								X				
W4	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C								X				
W5	Ceramic White ▲/Whisper White	Ceramic White ▲	ALBZ-19500-7018A	N						X				X		
WF	White Pearlescent ▲ Met.	White Pearl Tri-Coat	ALBZ-19500-6864A	C										X	X	X
WT	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C				X	X		X		X		X	X
YZ	Oxford White ▲/ Cloud 9 White ▲	White ▲	ALBZ-19500-5920A	C	X	X										
Z1	Oxford White ▲	White ▲	ALBZ-19500-5920A	C			X									
SPECIAL PAINTS																
	Primer		ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Clear (c)		ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALBZ-19500-6388G	C		X	X	X	X		X	X	X	X	X	X
AEROSOL PAINTS																
	Primer		ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Black		ALAZ-19500-1724A	C		X	X	X	X	X	X	X	X	X	X	X
	Pastel White		ALAZ-19500-5920A	C	X	X										
	Clear (c)		ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X
	Charcoal		ALAZ-19500-6388G	C		X	X	X	X		X	X	X	X	X	X

NOTE: ALBZ part numbers (Ford-branded) will be replaced by PM part numbers (Motorcraft-branded) and ALAZ part numbers (Ford-branded) will be replaced by PMA part numbers (Motorcraft-branded).

(a) = Accent color.

(c) = Clear Gloss Improver (may darken basecoat).

(f) = Feature vehicle.

▲ = Clearcoat.

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

2002 Truck, Van & Sport Utility Exterior Paint Chart

Vehicle Certification Label Code	Vehicle Division Color Promotional Name	Customer Service Division Color Name	Part Number	Current or New	Ford Division									LM Division				
					Windstar	Econoline	Excursion	Explorer	Expedition	Ranger	Escape	F-Series	Medium Truck	Villager	Navigator	Mountaineer	Blackwood	
AQ	Arizona Beige ▲ Met.	Arizona Beige ▲	ALBZ-19500-6985A	C				(b)	X			X	X					
B2	Harvest Gold ▲ Met.	Harvest Gold ▲	ALBZ-19500-6926A	C				X		X								
B4	Chestnut ▲ Met.	Chestnut ▲	ALBZ-19500-6938A	C								X						
B7	Zinc Yellow ▲	Zinc Yellow ▲	ALBZ-19500-7000A	C				(e)										
BQ	Light Parchment Gold ▲ Met./Lt. Parchment Gold ▲	Lt. Parchment Gold ▲	ALBZ-19500-6904A	C	X	X								X	X			
BY	School Bus Yellow ▲ Met.	Chrome Yellow	ALBZ-19500-1526A	C		X							X					
BZ	Chrome Yellow ▲	Chrome Yellow ▲	ALBZ-19500-6675A	C						X	X							
CX	Dk. Shadow Grey ▲ Met.	Dk. Shadow Grey	ALBZ-19500-7039A	N							X	X	X	(a)				
DT	Matador Red ▲ Met.	Matador Red ▲	ALBZ-19500-7057A	N	X													
E4	Bright Red ▲	Vermilion Red ▲	ALBZ-19500-6470A	C	X					X	X	X	X					
E9	Laser Red Tinted ▲/Laser Red Tinted ▲ Met.	Laser Red Tint ▲	ALBZ-19500-6688A	C					X						X			
F1	Red ▲	Vermilion Red	ALBZ-19500-6470A	C								X	X					
FL	Toreador Red ▲ Met.	Toreador Red ▲	ALBZ-19500-6758A	C		X	X	X		X		X	X	X		X		
FN	Toreador Red ▲	Toreador Red ▲	ALBZ-19500-6758A	C								X	X					
FS	Spruce Green ▲ Met.	Spruce Green ▲	ALBZ-19500-6860A	C	X													
FZ	Cordovan Red ▲ Met.	Cordovan	ALBZ-19500-6756A	C										X				
JP	Silver Birch ▲ Met.	Silver Birch ▲	ALBZ-19500-7052A	N			X	X								X		
KW	Charcoal Blue ▲ Met.	Charcoal Blue Met. ▲	ALBZ-19500-6855A	C								X						
L2	True Blue ▲ Met.	True Blue	ALBZ-19500-7023A	N	X	X	X	X			X	X	X	X				
L3	Pacific Blue ▲ Met.	Pacific Blue ▲	ALBZ-19500-7024A	C										X				
L4	Light Wedgewood Blue	Lt. Wedgewood Blue	ALBZ-19500-7037A	N												(b)		
LD	Med. Wedgewood Blue ▲ Met.	Med. Wedgewood ▲	ALBZ-19500-6763A	C			X	X	X							X		
LL	Deep Wedgewood Blue ▲ Met.	Dp. Wedgewood Blue ▲	ALBZ-19500-6910A	C				X		X								
LV	Light Sapphire Blue ▲ Met.	Lt. Sapphire Blue ▲	ALBZ-19500-6992A	C	X													
LZ	Bright Island Blue ▲ Met.	Bright Island Blue ▲ Met.	ALBZ-19500-7021A	C						X								
P5	Aspen Green ▲ Met.	Aspen Green ▲	ALBZ-19500-7056A	N			X	X										
PA	Deep Jewel Green ▲ Met.	Dp. Jewel Green ▲	ALBZ-19500-6414A	C										X				
PX	Dark Highland Green ▲ Met.	Dk. Highland Green ▲	ALBZ-19500-6920A	N				X		X	X	X	X					
PY	Dark Highland Green ▲ Met.	Dk. Highland Green ▲	ALBZ-19500-6920A	N								X	X					
R1	Island Blue ▲ Met.	Dark Teal ▲	ALBZ-19500-7001A	C				(e)					X					
R2	Island Blue ▲Met.	Dark Teal ▲	ALBZ-19500-7001A	C								X						
RC	Medium Platinum▲ Met.	Medium Platinum▲	ALBZ-19500-6454A	C			(b)	(a)										
SN	Sonic Blue ▲ Met.	Sonic Blue ▲ Met.	ALBZ-19500-7095A	N						X								
ST	Estate Green ▲ Met.	Estate Green ▲	ALBZ-19500-6918A	C	X	X	X	X				X		X		X		
SU	Amazon Green ▲ Met.	Amazon Green ▲	ALBZ-19500-6922A	C	X													
T4	Light Mineral Grey	Lt. Mineral Grey	ALBZ-19500-7033A	N												(b)		
TK	Mineral Grey ▲ Met.	Mineral Grey ▲	ALBZ-19500-7020A	C	(a)	(a)	X	X							X	X		
TL	Satin Silver ▲ Met.	Satin Silver	ALBZ-19500-7049A	N							X							
TS	Silver Frost ▲ Met.	Silver Frost ▲	ALBZ-19500-6720A	C	X			X		X						X		
UA	Black ▲	Black	ALBZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X	X	
UD	Black ▲	Black	ALBZ-19500-1724A	C								X	X					
WF	White Pearl Tri-Coat ▲ Met.	White Pearl Tri-Coat	ALBZ-19500-6864A	C				X								X		
WT	Vibrant White ▲	Performance White ▲	ALBZ-19500-1028A	C	X													
YN	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C		X			X			X	X	X				
YZ	Oxford White ▲ /Oxford White ▲ Met.	White ▲	ALBZ-19500-5920A	C		X	X	X	X	X	X	X	X	X	X	X		
Z1	Oxford White ▲	White ▲	ALBZ-19500-5920A	C								X	X					
Z3	Silver ▲ Met.	Lt. Charcoal Met. ▲	ALBZ-19500-6041A	C								X	X					
SPECIAL PAINTS																		
Primer			ALBZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Clear (c)			ALBZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Charcoal			ALBZ-19500-6388G	C	X	X	X	X	X	X		X	X	X	X	X	X	
AEROSOL PAINTS																		
Primer			ALAZ-19500-1000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Black			ALAZ-19500-1724A	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pastel White			ALAZ-19500-5920A	C		X	X	X	X	X	X	X	X	X	X	X	X	
Clear (c)			ALAZ-19500-6000	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Charcoal			ALAZ-19500-6388G	C	X	X	X	X	X	X		X	X	X	X	X	X	X

NOTE: ALBZ part numbers (Ford-branded) will be replaced by PM part numbers (Motorcraft-branded) and ALAZ part numbers (Ford-branded) will be replaced by PMA part numbers (Motorcraft-branded).

(a) = Accent color.

(b) = Cladding only.

(c) = Clear Gloss Improver (may darken basecoat).

(e) = Explorer Sport or Sport Trac only.

▲ = Clearcoat.

Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DupliColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M6J-A.

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Before coating all plastic parts, use Ford Plastic Primer, F6AZ-19A316-BA or DuralColor Adhesion Promoter CP199 or equivalent, meeting Ford Material Specification ESR-M61-A.

Quick Reference Charts

TSB Reference Chart

Part Name	Part Number	TSB	Part Name	Part Number	TSB
A/C Cooling Coil Coating	YN-29	03-5-6	Dash and Vinyl Cleaner	ZC-38-A	03-8-2
A/C System Flushing Solvent	YN-23	02-20-8		ZC-38-B	
Acid Neutralizer	ZC-1-A	04-9-6		ZC-38-C	
Additive Friction Modifier	XL-3	97-8-11	Detail Wash	ZC-3-A	03-10-1
		98-5a-27			04-9-6
		98-11-10	Electrical Grease	F8AZ-19G208-AA	97-24-10
		04-10-1			98-24-6
		04-24-20			00-6-3
		05-10-1			03-1-3
		05-12-6			04-14-9
					04-24-12
Adhesion Promoter	PM-19A316-AA	03-15-12	Finish Enhancement Compound	ZC-39-B	02-16-3
		05-9-3	Backing Pad		
Alkaline Neutralizer	ZC-2-A	04-9-6	Finish Enhancement Compound	ZC-39-A	02-16-3
Anti-Corrosion Coating	Low Temperature Coating PM-12-A	03-21-46	Kit		
	High Temperature Coating PM-13-A	03-26-4	Flexible Foam Repair	TA-4	01-18-2
		04-4-1	Full Synthetic Manual Transmission Fluid	XT-M5-QS	00-1-9
		04-21-8			
		4-25-17	Gasket Maker	TA-16	91-13-7
		04-26-16			05-10-10
		04-26-17	High Performance DOT3 Motor Vehicle Brake Fluid	PM-1	98-5a-50
		05-1-1			99-1-6
		05-12-7	High Temperature 4x4 Front Axle and Wheel Bearing Grease	E8TZ-19590-A (DOES II) XG-11 (FAD)	98-14-8
Carburetor Tune-Up Cleaner	PM-2	01-19-7			01-3-2
	PM-3	04-19-2			01-11-4
Clear Silicone Rubber	TA-32	97-7-15	High Temperature Nickel Anti-Seize Lubricant	XL-2	98-5a-5
		97-26-14			04-18-4
		03-12-1	Instant Gel Adhesive	TA-19	97-12-1
		04-9-5			98-8-11
		04-14-8			98-20-19
		04-15-3			99-6-5
		04-21-20			99-13-10
		04-23-9			02-25-11
		05-7-4			04-2-2
		05-10-1			04-12-4
		05-13-3			04-24-3
Custom Bright Metal Cleaner	ZC-15	97-26-13			
		98-1-13			

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Part Name	Part Number	TSB	Part Name	Part Number	TSB
Interior Spray Lacquer	M4JZ-19M547-XXXXH (XXXX= Color Code)	03-8-2	Metal Surface Cleaner (cont.)	ZC-21	03-6-4 05-3-5 05-12-6
Interior Spray Paint	PM-19M547-XXXXH	05-9-3	Metal Surface Prep	ZC-31	02-11-4 02-21-13 03-6-2 05-10-10 05-10-13
Isopropanol Cleaning Kit	ZC-4	01-18-2 01-22-4 03-18-4 05-6-4	Multi-Purpose Grease	XL-5 XG-4 (FAD)	97-15-14 03-23-1 04-2-3
Manual Dual Cartridge Applicator Gun	TA-10	04-8-2	PAG Refrigerant Compressor Oil	YN-12-D F7AZ-19589-DA YN-12-C	97-15-5 98-12-5 02-20-8 04-24-6 05-14-11
MERCON Multi-Purpose (ATF) Transmission Fluid	XT-2-QDX XT-2-DDX XT-2-BDX	98-13-11 99-17-5 99-18-4 01-16-6 04-10-1 04-15-6 04-22-10 04-26-13	Penetrating and Lock Lubricant	XL-1	02-17-12
MERCON V Automatic Transmission Fluid	XT-5-QM XT-5-GM XT-5-5QM XT-5-DM XT-5-BM XT-5-QMC	98-8-7 99-16-5 99-18-4 00-24-2 02-19-1 02-20-3 04-22-10	Plastic Bonding Adhesive	TA-9	01-18-2 04-8-5 04-16-9 04-19-9 05-8-3
Metal Brake Parts Cleaner	PM-4	99-5-4 02-21-1 04-26-7 05-4-7 05-9-10	Pneumatic Dual Cartridge Applicator Gun	TA-11	04-8-2
Metal Bonding Adhesive	TA-1	01-18-2 01-19-6 04-17-3 04-18-11 04-24-1 04-26-16 04-26-17	Power Flush Injector Fluid	PM-5	03-18-3 03-20-6 05-6-13 05-9-1
Metal Patch Panel Adhesive	TA-3	01-18-2	Premium Engine Coolant	VC-4-A VC-5 (Bittering agent added) VC-4-B VC-5-B (Bittering agent added)	98-8-6 01-11-6 01-23-6
Metal Surface Cleaner	ZC-21	01-12-2 01-21-10	Premium Gold Engine Coolant	VC-7-A VC-7-B (Bittering agent added) VC-7-C VC-7-D (Bittering agent added)	01-23-6 02-23-7



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Part Name	Part Number	TSB	Part Name	Part Number	TSB
Premium Long Life Grease	XG-1-C XG-1-K	98-16-2	SAE 5W30 and 10W-30 Certified Super Premium Motor Oil (cont.)	XO-5W30-DSP	
		98-17-21		XO-5W30-BSP	
		98-21-7		XO-10W30-QSP	
		01-3-2		XO-10W30-DSP	
		02-19-1		XO-10W30-BSP	
Premium Power Steering Fluid	F7AZ-3F823-BA (DOES II) XL-9 (FAD)	98-5a-22	SAE 75W-90 Synthetic Rear Axle Lubricant	XY-75W90-QLS	04-16-4
		04-22-10			
PTFE Lubricant	D2AZ-19590-A XG-8	97-13-21	SAE 75W-140 High Performance Rear Axle Lubricant	XY-75W140-QL	04-24-20
		98-17-21			
		00-25-8	SAE 80W-90 Premium Rear Axle Lubricant	XY-80W90-QL	05-6-20
		04-1-6		XY-80W90-KL	
		04-26-6			
R-134a Refrigerant	YN-19 YN-21	00-5-1	Silicone Brake Caliper Grease and Dielectric Compound	XG-3-A	97-10-3
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		05-14-11			98-5a-19
					98-5a-22
Rear View Mirror Adhesive	TA-17	94-17-2			98-5a-23
					98-5a-29
Rear Window Defroster Repair	PM-11	04-24-5			98-19-2
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Repair Urethane Adhesive	TA-2	01-18-2			99-5-7
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		04-26-4			03-7-2
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		04-26-4	Silicone Gasket and Sealant	TA-30	97-2-8
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					03-16-2
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SAE 5W30 and 10W-30 Certified Super Premium Motor Oil	XO-5W30-QSP XO-5W30-5QSP	98-17-21			04-9-5
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Specialty Orange Engine Coolant	VC-2 VC-3 (Bittering agent added)	01-23-6			
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Threadlock and Sealer	TA-25	97-2-3 98-5a-27 98-21-20 00-5-1 03-15-15 04-23-7			
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Triple Clean	ZC-13	01-22-4			
Ultra Silicone Sealant	TA-29	98-5-8 98-7-4 00-24-2 02-21-1 04-16-4 05-10-1 05-12-6			
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