

FORD:

1980-1997 Crown Victoria
1981-1997 Mustang, Thunderbird
1981-2003 Escort
1986-1993 Festiva
1986-1997 Taurus
1989-1997 Probe
1994-1997 Aspire
1995-2000 Contour
1980-1996 Bronco
1981-2003 F-150
1981-2004 E-Series, F-Super Duty
1983-1996 Ranger
1986-1996 Aerostar
1991-1997 Explorer
1993-2004 F-53 Motorhome Chassis
1995-1998 Windstar
1997-2004 Expedition
2000-2005 Excursion
2001-2007 Escape
1987-2000 F- B-Series
2000-2007 F-650, F-750

LINCOLN:

1980-1997 Town Car
1981-1997 Continental
1993-1997 Mark VIII
1998-2004 Navigator
2002-2003 Blackwood

MERCURY:

1980-1997 Grand Marquis
1981-1997 Cougar
1986-1997 Sable
1987-1999 Tracer
1995-2000 Mystique
1999-2002 Cougar
1993-2002 Villager
1997 Mountaineer
2005-2007 Mariner

MERKUR:

1985-1989 XR4TI

This article supersedes TSB **01-15-7** to update the vehicle application chart.

ISSUE

MERCON® Automatic Transmission Fluid is being replaced by MERCON® V as a service fluid.

ACTION

Beginning immediately all automatic transmission / transaxle applications requiring MERCON® can now be serviced using MERCON® V or MERCON® Automatic Transmission Fluid or dual usage fluids labeled MERCON® / MERCON® V. After July 1, 2007, MERCON® Automatic Transmission Fluid will no longer be manufactured, therefore, availability of this fluid will only continue for however long it takes to deplete what remains in inventory.

SERVICE PROCEDURE

Service automatic transmissions requiring MERCON® with MERCON® V or MERCON® Automatic Transmission Fluid or dual usage fluids labeled MERCON® / MERCON® V

For proper fluid application on current and past model vehicles equipped with automatic transmissions / transaxles refer to the fluid usage chart. (Figure 1)

CAUTION

AUTOMATIC TRANSMISSIONS / TRANSAXLES THAT REQUIRE MERCON® V SHOULD STILL ONLY USE MERCON® V OR DUAL USAGE FLUID LABELED MERCON® / MERCON® V.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

TSB 06-14-4 (Continued)

CAUTION

MERCON® SP, MOTORCRAFT PREMIUM AUTOMATIC TRANSMISSION FLUID AND MOTORCRAFT M5 ATFS ARE UNIQUE FLUIDS AND MUST BE USED IN APPLICATIONS RECOMMENDING THAT PARTICULAR FLUID. USE OF ANY OTHER FLUID MAY CAUSE REDUCED FUNCTIONALITY OR TRANSMISSION DAMAGE.

CAUTION

THE FUNCTIONAL CHARACTERISTICS OF FLUIDS FOR CVT TRANSMISSIONS ARE VERY DIFFERENT THAN THOSE OF OTHER AUTOMATIC TRANSMISSION FLUIDS (ATFS). USE OF A FLUID OTHER THAN MOTORCRAFT CONTINUOUSLY VARIABLE CHAIN TYPE TRANSMISSION FLUID OR ONE LABELED AS MEETING MERCON® C WILL CAUSE FUNCTIONALITY CONCERNS AND INTERNAL TRANSMISSION DAMAGE.

CAUTION

DO NOT USE AUTOMATIC TRANSMISSION FLUID SUPPLEMENTS, ADDITIVES, TREATMENTS OR CLEANING AGENTS.

| PART NUMBER | PART NAME |
|-------------|--------------------------|
| XT-2-QDX | MERCON® (Quart) |
| XT-2-DDX | MERCON® (55 Gal. Drum) |
| XT-5-QM | MERCON® V (Quart) |
| XT-5-DM | MERCON® V (55 Gal. Drum) |

WARRANTY STATUS: Information Only

AUTOMATIC TRANSMISSION FLUID CHART

TB-8592-D

TRANSMISSIONS

| TYPE MODEL YEAR | C6 | E4OD | 4R100 | TORQ SHIFT | AOD | AODE | 4R70W/ 4R70E | 4R75WE | A4LD | 4R44E | 4R55E | 5R55E | 5R55N | 5R44E | 5R55WS | 6HP26 | 6R60/ 6R75 |
|-----------------------|----|------|-------|---------------|-----|------|-----------------|--------|------|-------|-------|-------|-------|-------|--------|-------|---------------|
| 1987 | | | | | | | | | | | | | | | | | |
| 1988 | | | | | | | | | | | | | | | | | |
| 1989 | | | | | | | | | | | | | | | | | |
| 1990 | | | | | | | | | | | | | | | | | |
| 1991 | | | | | | | | | | | | | | | | | |
| 1992 | | | | | | | | | | | | | | | | | |
| 1993 | | | | | | | | | | | | | | | | | |
| 1994 | | | | | | | | | | | | | | | | | |
| 1995 | | | | | | | | | | | | | | | | | |
| 1996 | | | | | | | | | | | | | | | | | |
| 1997 | | | | | | | | | | | | | | | | | |
| 1998 | | | | | | | | | | | | | | | | | |
| 1999 | | | | | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | | | | | |
| 2001 | | | | | | | | | | | | | | | | | |
| 2002 | | | | | | | | | | | | | | | | | |
| 2003 | | | | | | | | | | | | | | | | | |
| 2004 | | | | | | | | | | | | | | | | | |
| 2005 | | | | | | | | | | | | | | | | | |
| 2006 | | | | | | | | | | | | | | | | | |
| 2007 | | | | | | | | | | | | | | | | | |
| TYPE MODEL YEAR | C6 | E4OD | 4R100 | TORQ SHIFT | AOD | AODE | 4R70W/ 4R70E | 4R75WE | A4LD | 4R44E | 4R55E | 5R55E | 5R55N | 5R44E | 5R55WS | 6HP26 | 6R60/ 6R75 |

TRANSAXLES

| TYPE MODEL YEAR | ATX | MAZDA ATX | F4E (4EAT) | 4F20E | CD4E | 4F27E | AXOD | AX4S (AXODE) | 4F50N (AX4N) | CVT | 6 SPEED AUTO AWF-21 | AW ECVT | FNR5 | 6F50 | TYPE MODEL YEAR |
|-----------------------|-----|--------------|---------------|-------|------|-------|------|-----------------|-----------------|-----|------------------------------|------------|------|------|-----------------------|
| 1987 | | | | | | | | | | | | | | | 1987 |
| 1988 | | | | | | | | | | | | | | | 1988 |
| 1989 | | | | | | | | | | | | | | | 1989 |
| 1990 | | | | | | | | | | | | | | | 1990 |
| 1991 | | | | | | | | | | | | | | | 1991 |
| 1992 | | | | | | | | | | | | | | | 1992 |
| 1993 | | | | | | | | | | | | | | | 1993 |
| 1994 | | | | | | | | | | | | | | | 1994 |
| 1995 | | | | | | | | | | | | | | | 1995 |
| 1996 | | | | | | | | | | | | | | | 1996 |
| 1997 | | | | | | | | | | | | | | | 1997 |
| 1998 | | | | | | | | | | | | | | | 1998 |
| 1999 | | | | | | | | | | | | | | | 1999 |
| 2000 | | | | | | | | | | | | | | | 2000 |
| 2001 | | | | | | | | | | | | | | | 2001 |
| 2002 | | | | | | | | | | | | | | | 2002 |
| 2003 | | | | | | | | | | | | | | | 2003 |
| 2004 | | | | | | | | | | | | | | | 2004 |
| 2005 | | | | | | | | | | | | | | | 2005 |
| 2006 | | | | | | | | | | | | | | | 2006 |
| 2007 | | | | | | | | | | | | | | | 2007 |
| TYPE MODEL YEAR | ATX | MAZDA ATX | F4E (4EAT) | 4F20E | CD4E | 4F27E | AXOD | AX4S (AXODE) | 4F50N (AX4N) | CVT | 6 SPEED AUTO AWF-21 | AW ECVT | FNR5 | 6F50 | TYPE MODEL YEAR |

Specific service fluids (listed to the right) are called for depending on the type of transmission and the year the transmission was built. It is important to use the correct fluid, each fluid exhibits different properties and should be used only in the transmission for which they were designed. The vehicle owner or rebuilder should use the type of fluid printed in the owners guide or 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:
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.

CAUTION:
MERCEN® SP, Motorcraft® Premium Automatic Transmission Fluid and Motorcraft® M5 ATF's are unique fluids and MUST be used in applications recommending that particular fluid. Use of any other fluid may cause reduced functionality or transmission damage.

CAUTION:
The functional characteristics of fluids for the CVT transmissions are very different than those of other ATF's. Use of a fluid other than Motorcraft® Continuously Variable Chain Type Transmission Fluid or one labeled as meeting MERCEN® C may cause severe transmission damage.

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

V MERCEN® V
- Part number XT-5-QM (Quarts) and XT-5-DM (55 Gallon Drum) Ford Specification is MERCEN® V.
NOTE: AUTOMATIC TRANSMISSIONS REQUIRING MERCEN® V SHOULD ONLY BE SERVICED WITH MERCEN® V, OR FLUID FROM A CONTAINER THAT IS SPECIFIED AS A DUAL USAGE FLUID: MERCEN®/MERCEN®V.

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

CVT CONTINUOUSLY VARIABLE CHAIN TYPE
- Part number XT-7-QCFT (Quarts).

P PREMIUM AUTOMATIC TRANSMISSION FLUID
- Part number XT-8-QAW.

M5 MAZDA SPECIFIC FLUID
- Part number XT-9-QMM5.

V M MERCEN® - Part number XT-2-QDX (Quarts) and XT-2-DDX (55 Gallon Drum) or, **MERCEN® V** - Part number XT-5-QM (Quarts) and XT-5-DM (55 Gallon Drum)
NOTE: AUTOMATIC TRANSMISSIONS REQUIRING MERCEN® CAN NOW BE SERVICED WITH MERCEN®, MERCEN® V, OR, DUAL USAGE FLUIDS LABELED MERCEN®/MERCEN®V.

Figure 1 - Article 06-14-4