

TORQUE CONVERTER—LEAK TEST PROCEDURE— SERVICE TIP

Article No.
96-24-9

FORD: 1984-1994 TEMPO
1984-1997 CROWN VICTORIA, ESCORT, MUSTANG, THUNDERBIRD
1986-1997 TAURUS
1988-1993 FESTIVA
1989-1997 PROBE
1994-1997 ASPIRE
1995-1997 CONTOUR
1984-1990 BRONCO II
1984-1996 BRONCO
1984-1997 ECONOLINE, F-150-350 SERIES, RANGER
1986-1997 AEROSTAR
1988-1997 F SUPER DUTY
1991-1997 EXPLORER
1995-1997 WINDSTAR
1997 EXPEDITION

LINCOLN: 1984-1992 MARK VII
1984-1997 CONTINENTAL, TOWN CAR
1993-1997 MARK VIII

MERCURY: 1984-1994 TOPAZ
1984-1997 COUGAR, GRAND MARQUIS
1986-1997 SABLE
1991-1994 CAPRI
1991-1997 TRACER
1995-1997 MYSTIQUE
1993-1997 VILLAGER
1997 MOUNTAINEER

ISSUE

A new torque converter leak test tool has been released. The current leak test tool has been discontinued by the manufacturer. The new tool will be available to all dealers in 1997.

ACTION

When using the new leak test tool, a new procedure must be followed. Refer to the following Service Procedure and/or the 1997 Service/Workshop Manuals when using the new leak test tool.

SERVICE PROCEDURE

1. Clean the outside surface of the torque converter.

CAUTION

BE CAREFUL NOT TO DAMAGE THE CONVERTER HUB FINISH WHEN INSTALLING THE TOOL.

2. Install the Torque Converter Leak Test Tool and Gasket (014-R1075) into the converter hub. Figure 1.

WARNING

ALWAYS USE PROPER SAFETY PROCEDURES WHILE USING PRESS.

NEW TOOL NUMBER	
Description	Tool Number
Torque Converter Leak Test Tool and Gasket	014-R1075

Article No. 96-24-9 Cont'd.

CAUTION

DO NOT DAMAGE THE CONVERTER BY APPLYING EXCESSIVE FORCE FROM THE PRESS. USE ONLY ENOUGH FORCE TO SEAL TOOL INTO THE CONVERTER.

3. Place the torque converter with the tool installed into press and apply enough force to seal tool into the converter. Figure 2.
4. Using clean, dry shop air only, apply air pressure of 552 kPa (80 psi) maximum to the valve on the tool. Refer to Figure 3.
5. With air pressure applied to the valve, inspect for any air leaks at the studs, seams and pilot hub. A soap bubble solution may be applied around those areas to aid in diagnosis. If any leaks are present, replace the converter.
6. Disconnect the air line and release the air pressure from the tool by pulling on the release ring and then slowly releasing the press. Refer to Figure 4.
7. Turn the torque converter and tool upside down and reinstall into the press. Repeat Steps 2-6 to check for leaks on the opposite side. Refer to Figure 5.

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: INFORMATION ONLY

OASIS CODES: 501000, 502000, 504000, 510000

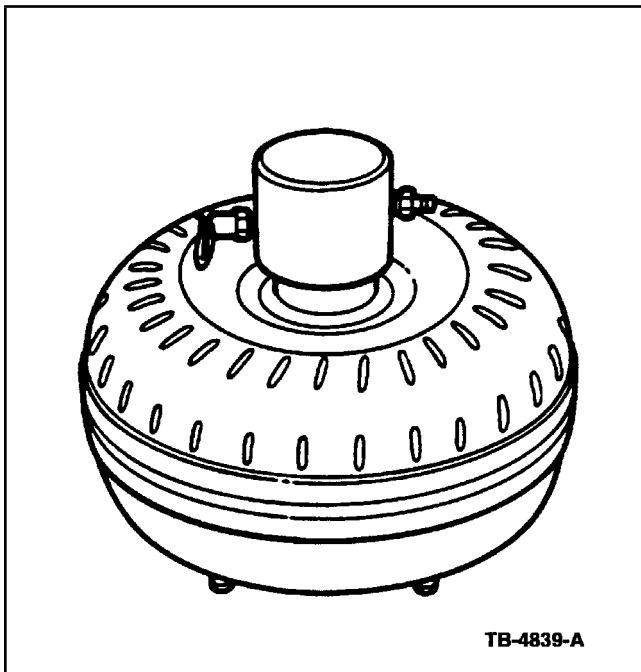


Figure 1 - Article 96-24-9

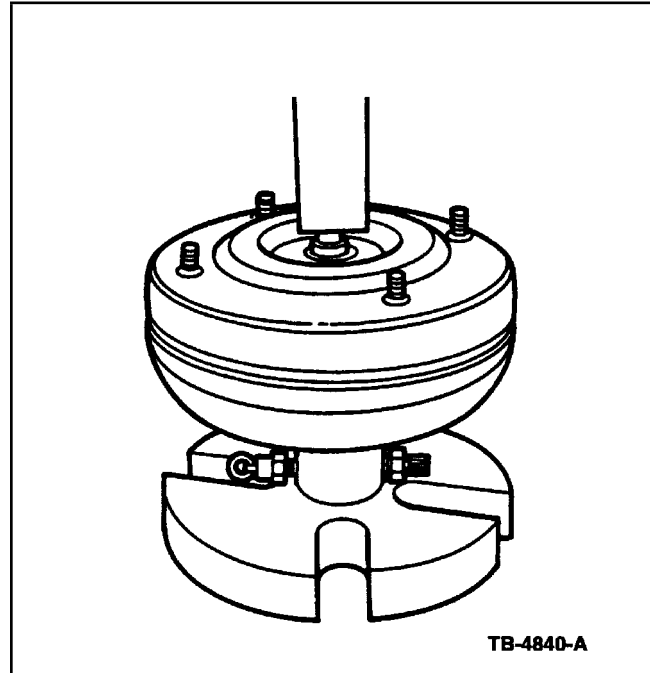


Figure 2 - Article 96-24-9

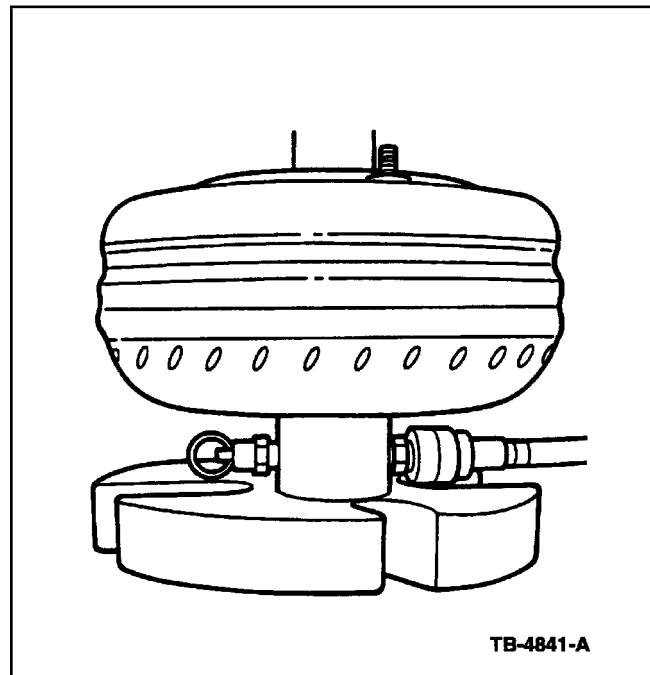


Figure 3 - Article 96-24-9



Figure 4 - Article 96-24-9

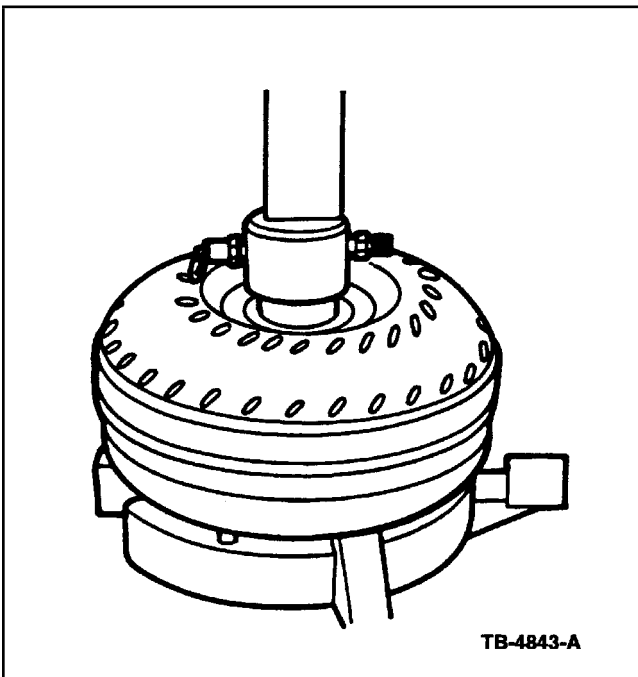


Figure 5 - Article 96-24-9