• TRANSMISSION—AODE/4R70W—DELAYED OR NO FORWARD ENGAGEMENT

• TRANSMISSION—AODE/4R70W—LOSS OF FORWARD AND REVERSE ENGAGEMENT AND/OR HIGHER ENGINE RPM THAN EXPECTED ON ACCELERATION FROM A STOP

FORD: 1992-1994 CROWN VICTORIA
1994 MUSTANG, THUNDERBIRD, E-150, F-150, F-250

LINCOLN: 1992-1994 TOWN CAR
1993-1994 MARK VIII

MERCURY: 1992-1994 GRAND MARQUIS
1994 COUGAR

ISSUE
Some vehicles may have one or more of the following concerns:
• No forward engagement
• Delayed forward engagement
• No reverse engagement
• Higher engine RPM than expected on acceleration from a stop

This may be caused by:
• A cross leak between the forward and reverse clutch circuits in the main control during high engine speeds in reverse (e.g., 3000+ RPM for vehicles stuck in snow, sand, mud or other similar conditions).
• Wear of the Stator Support Rear Bushing causing wear of the #4 Seal Ring and resulting in Forward Clutch and/or Overdrive Band damage.

ACTION
Refer to the following Service Procedure to determine the proper part replacement.

SERVICE PROCEDURE
1. Inspect the #3 and #4 seal ring area and the rear bushing on the Stator Support (Figure 1).
2. Replace the Stator Support with a new Stator Support (F4AZ-7A108-A) which has a rear U-groove bushing.

NOTE
THIS STATOR SUPPORT MUST BE USED WITH #3 AND #4 ID/OD CHAMFERED CAST IRON SEAL RINGS (F4AZ-7D019-A).

3. Inspect the mating area of the Forward Clutch Cylinder and Input Shaft Assembly (Figure 2).
4. Replace the assembly if the area is grooved or shows an indication of excessive wear.
5. When the main control is removed for service, check the large valve body reinforcing plate. If it is the original plate (0.140” (3.5mm) thick and no I.D. notch on the edge) install a main control reinforcing plate service kit (F4AZ-7F282-A) (Figures 3 and 4) and perform normal repair procedures. Refer to the following for kit contents.

The service kit (F4AZ-7F282-A) includes the following:
• One (1) Valve Body Reinforcing Plate
• Four (4) Bolts M6-1.0x18mm
• One (1) Instruction Sheet #6782

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>PART NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>F4AZ-7F282-A</td>
<td>Valve Body Reinforcing Kit</td>
</tr>
<tr>
<td>F4AZ-7A108-A</td>
<td>Stator Support And Bushing Assembly</td>
</tr>
<tr>
<td>F4AZ-7D019-A</td>
<td>Cast Iron Seal Ring</td>
</tr>
</tbody>
</table>

OTHER APPLICABLE ARTICLES: NONE
WARRANTY STATUS: INFORMATION ONLY
OASIS CODES: 503000, 504000