

**Article No.  
94-25-2**

- **BRAKES—AVAILABILITY OF ON-VEHICLE CALIPER-MOUNTED BRAKE ROTOR MACHINING EQUIPMENT AND WARRANTY COVERAGE INFORMATION**
- **BRAKE ROTOR MACHINING—AVAILABILITY OF ON-VEHICLE CALIPER-MOUNTED BRAKE ROTOR MACHINING EQUIPMENT AND WARRANTY COVERAGE INFORMATION**

**FORD:** 1979-95 MUSTANG  
1981-95 ESCORT  
1984-94 TEMPO  
1986-95 TAURUS  
1988-93 FESTIVA  
1989-95 PROBE, THUNDERBIRD  
1991-95 CROWN VICTORIA  
1994-95 ASPIRE  
1995 CONTOUR

**LINCOLN-MERCURY:** 1979-86 CAPRI  
1981-87 LYNX  
1984-92 MARK VII  
1984-94 TOPAZ  
1986-95 SABLE  
1988-89 TRACER  
1988-95 CONTINENTAL  
1989-95 COUGAR  
1991-94 CAPRI  
1991-95 GRAND MARQUIS, TOWN CAR, TRACER  
1993-95 MARK VIII  
1995 MYSTIQUE

**MERKUR:** 1985-88 XR4TI  
1988-89 SCORPIO

**LIGHT TRUCK:** 1984-90 BRONCO II  
1984-95 RANGER  
1986-95 AEROSTAR  
1990-95 BRONCO, E-150, E-250, F-150, F-250  
1991-95 EXPLORER  
1993-95 VILLAGER  
1995 WINDSTAR

This TSB is being republished in its entirety to include the 1994 and 1995 model years.

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Cont'd.

**ISSUE:** On-vehicle caliper-mounted brake rotor machining equipment from Rotunda is now approved for warranty and service use. Brake roughness, pulsation and steering wheel nibble will occur when rotors wear unevenly (thickness variation). This article specifically addresses brake roughness, pulsation and steering wheel nibble resulting from disc brake rotor thickness variation induced by rotor runout.

**ACTION:** Use Rotunda On-Vehicle Brake Lathes 104-00129, 104-00130, 168-00004, or 168-00005 to service vehicles with brake roughness. This method is more effective because it allows machining of the rotor while it is still mounted on the vehicle. This improves the overall run-out of the assembly.

Rotunda on-vehicle caliper-mounted brake rotor machining equipment may correct runout if used according to the equipment manufacturer's instructions. Refer to Figures 1 and 2.

Machining the rotor with the use of a caliper-mounted brake lathe will be an eligible repair under warranty for the vehicles listed.

**NOTE: THERE MAY BE ADDITIONAL MANUFACTURERS OF SIMILAR EQUIPMENT. FORD DOES NOT ENDORSE, INDICATE ANY PREFERENCE FOR, OR ASSUME ANY RESPONSIBILITY FOR EQUIPMENT FROM THESE FIRMS, OR FOR ANY SUCH ITEMS WHICH MAY BE AVAILABLE FROM OTHER SOURCES.**

**NOTE: DEALERS THAT HAVE APPROVED ON-VEHICLE BRAKE ROTOR MACHINING EQUIPMENT ARE REQUIRED TO RESURFACE BRAKE ROTORS UNDER THE BUMPER TO BUMPER COVERAGE PERIOD. IF A DEALER HAS THE ON-VEHICLE BRAKE ROTOR MACHINING EQUIPMENT, ROTOR REPLACEMENT WILL ONLY BE ALLOWED WHEN THE ROTOR IS BROKEN OR DOES NOT HAVE ENOUGH MATERIAL TO ALLOW TURNING. SUCH REPLACEMENTS MUST BE AUTHORIZED BY SERVICE MANAGEMENT.**

**NOTE: EXCEPTIONS TO THE LAST STATEMENT ARE REAR ROTORS ON THE TOWN CAR, GRAND MARQUIS, CROWN VICTORIA, MUSTANG AND FRONT ROTORS ON F-350, F-47 AND F-53 HEAVY DUTY LIGHT TRUCKS. ON THESE VEHICLES, ROTORS CANNOT BE MACHINED. SERVICE MANAGEMENT AUTHORIZATION IS NOT REQUIRED FOR THESE EXCEPTIONS.**

**OTHER APPLICABLE ARTICLES: NONE**  
**SUPERSEDES: 93-13-3**  
**WARRANTY STATUS: INFORMATION ONLY**  
**OASIS CODES: 301000, 302000, 703000**

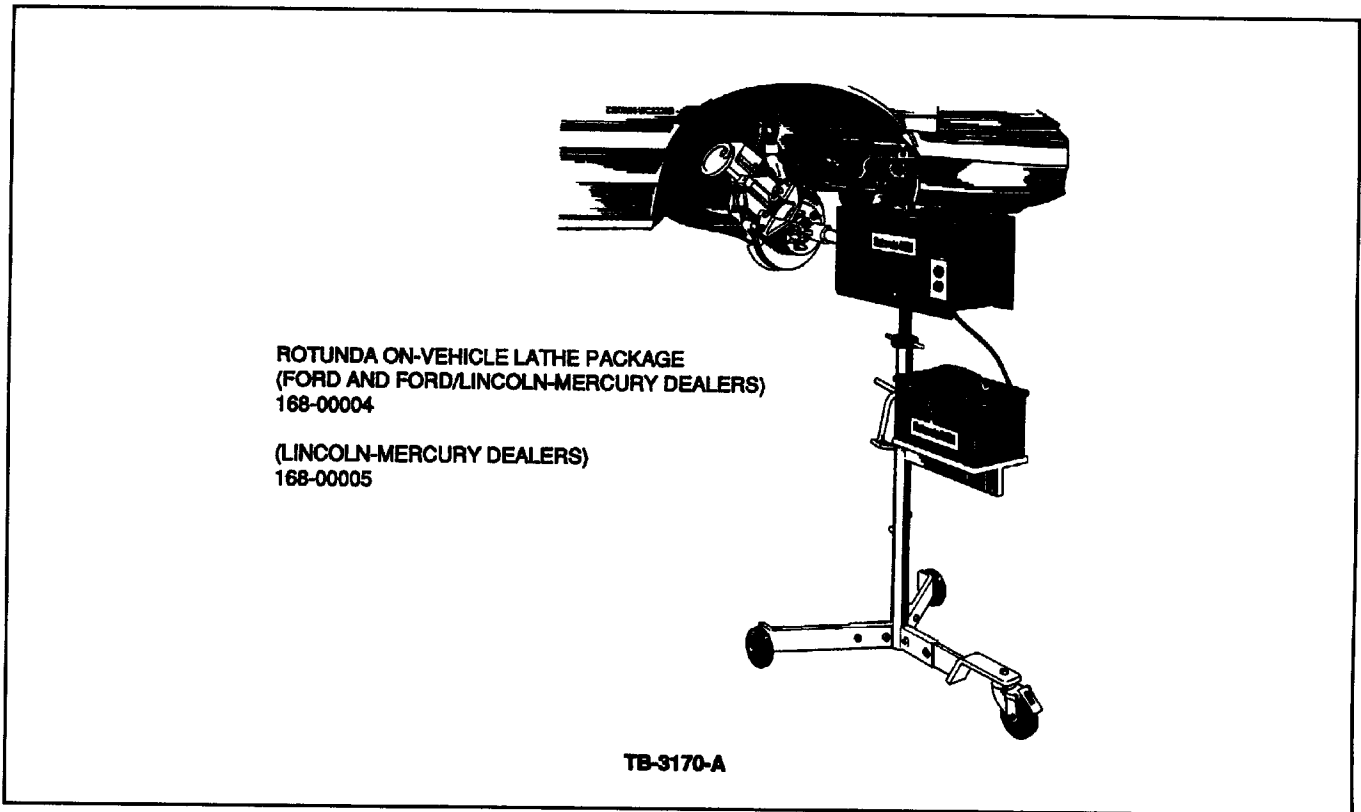


Figure 1 - Article 94-25-2

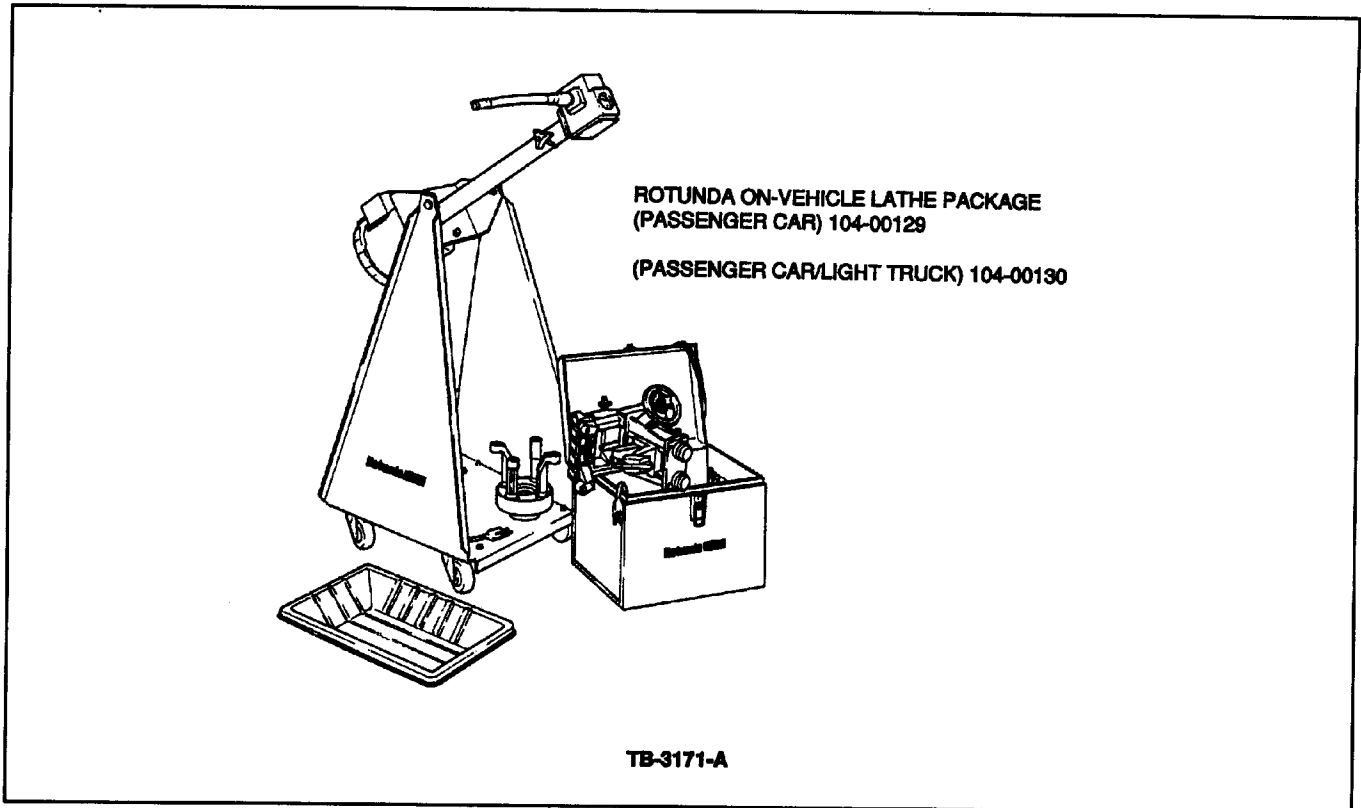


Figure 2 - Article 94-25-2