



Technical Service Information

FORD CD4E/MAZDA LA4A-EL FRONT SEAL BLOW-OUT OR CONSTANT LEAK

COMPLAINT: Vehicles equipped with CD4E/LA4A-EL transmissions may exhibit repeated front seal "blow-out" or constant front seal leak.

CAUSE: The cause may be, an undersized drain back passage in the bellhousing.

CORRECTION: Follow the steps listed below to correct this condition,

1. Remove the Stator from the front of the bellhousing. Remove the area highlighted in grey, as shown in Figure 1, with a bench grinder.

Note: *Heating the bellhousing up in a parts washer will ease Stator removal.*

2. With a 3/16" or 13/64" drill bit, drill at an angle through the area shown in Figure 2.
3. Refer to Figure 3 to see the modified drain back passage from the front side of the bellhousing.
4. Apply Loctite ® to the front seal before installing it into the bellhousing as shown in Figure 1.

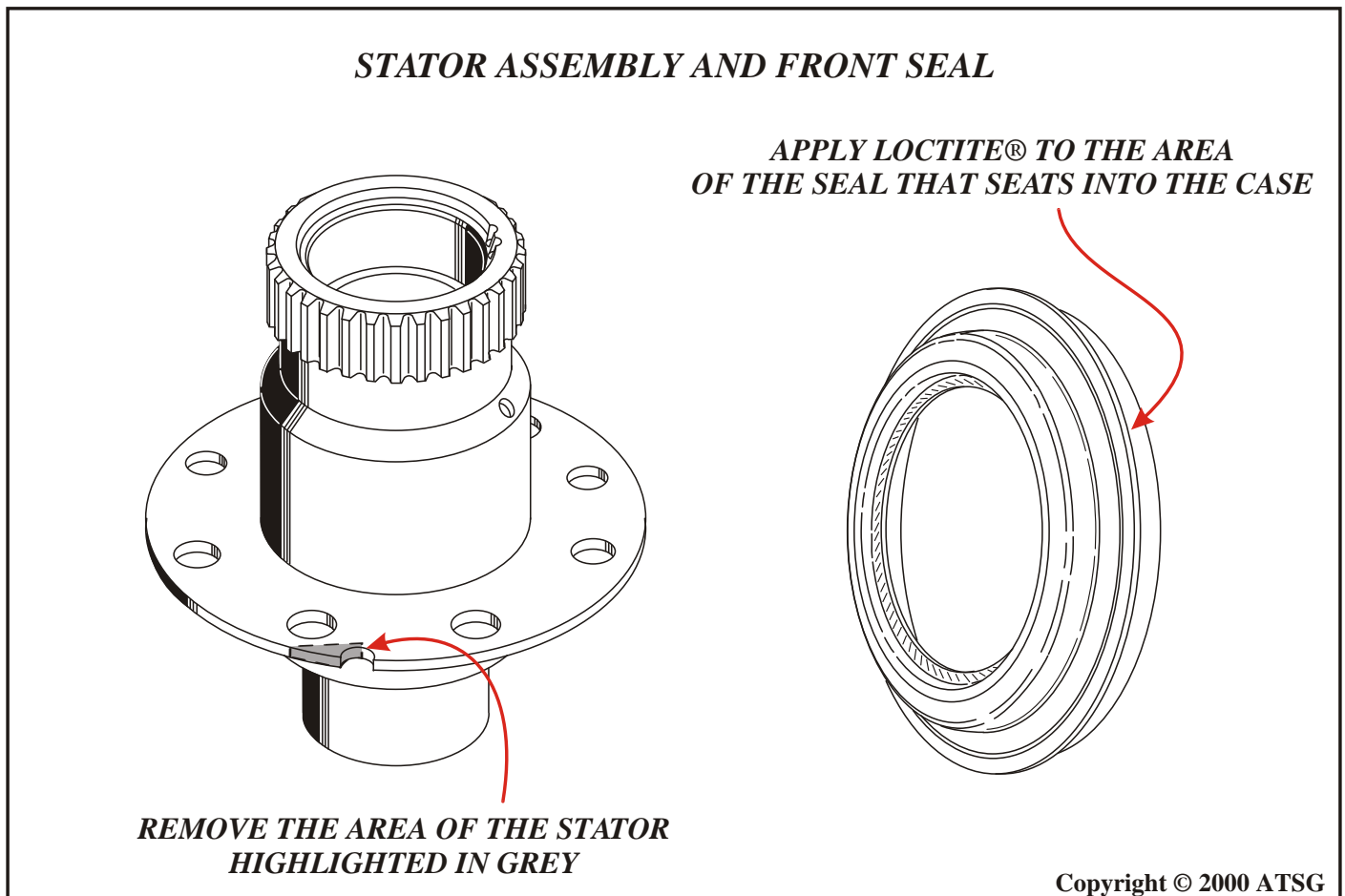
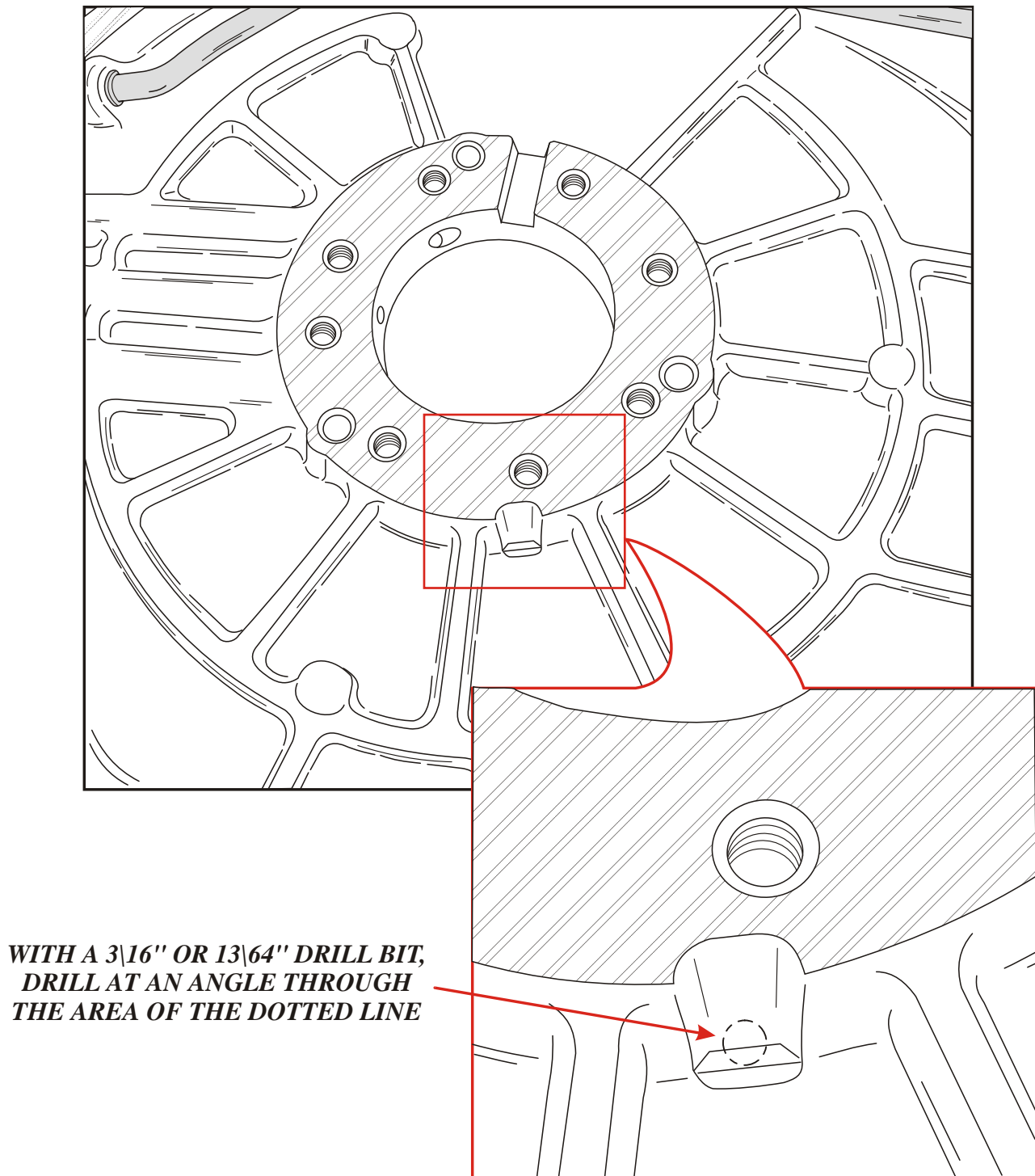


Figure 1

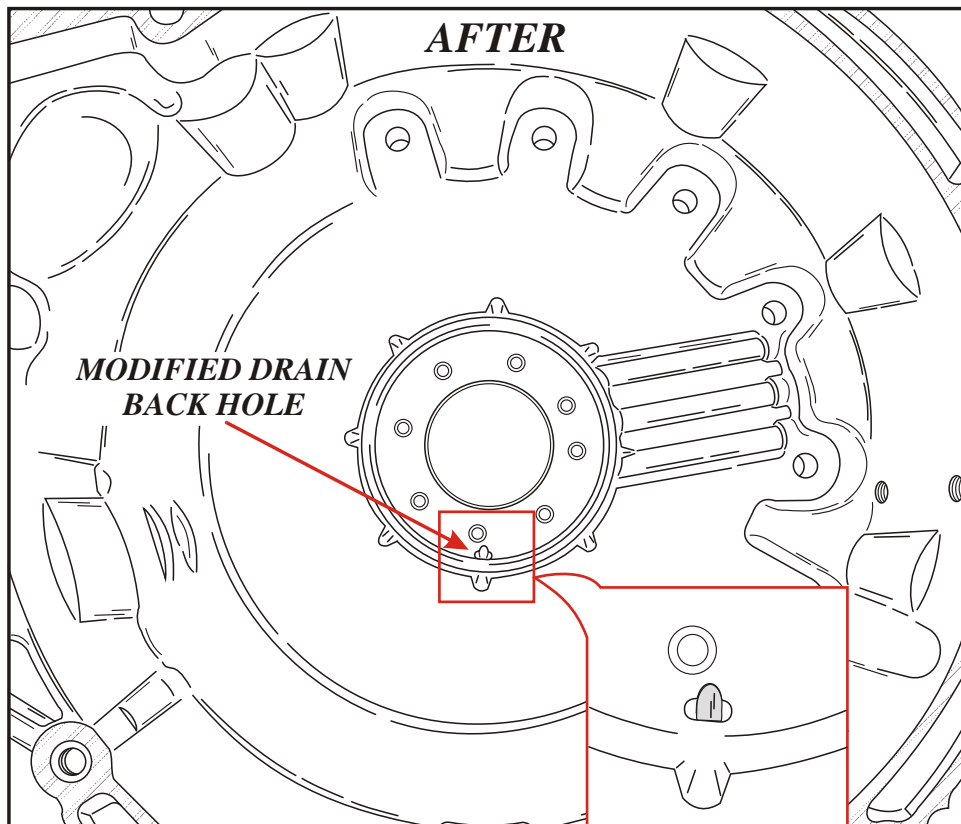
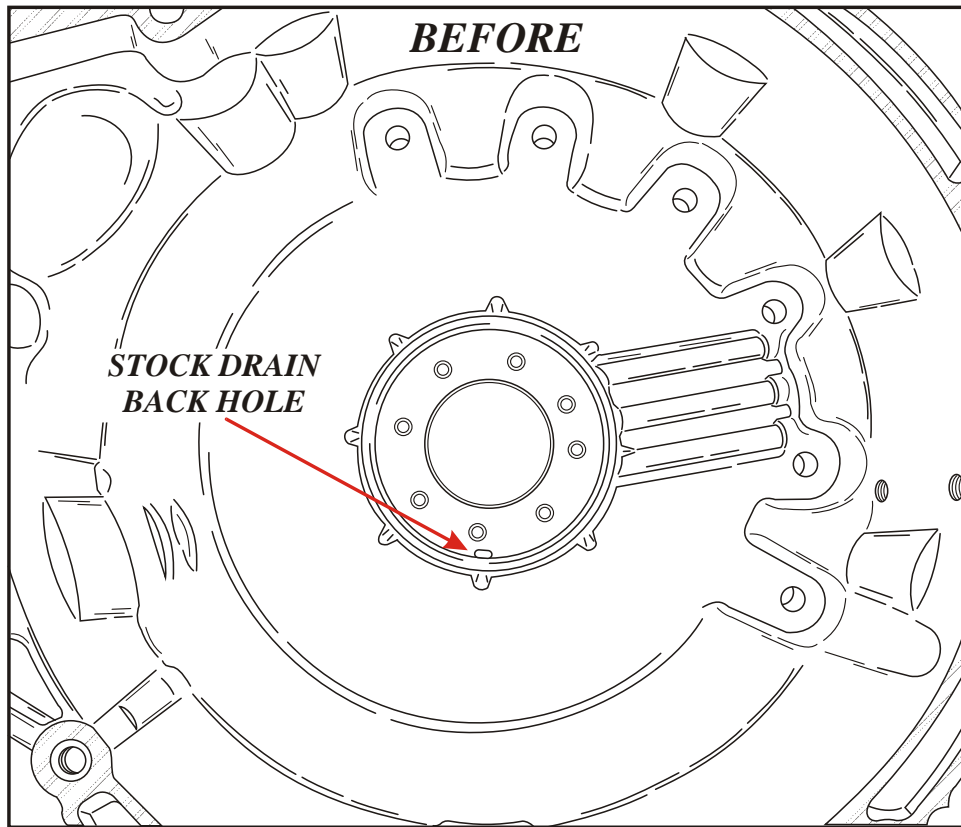
BELL HOUSING REAR VIEW



Copyright © 2000 ATSG

Figure 2

BELL HOUSING FRONT VIEW



Copyright © 2000 ATSG

Figure 3