



# Technical Service Information

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

**COMPLAINT:** Vehicles equipped with CD4E / LA4A-EL transmissions may exhibit repeated front seal "blow-out" or constant front seal leak, and possibly constant leak out the front without the vehicle even running.

**CAUSE:** One cause may be, an undersized front seal drain back passage in the bellhousing, and another cause may be that the wrong torque converter was installed in the vehicle.

**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 gray, 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 outer diameter before installing it in bellhousing, as shown in Figure 1.
5. Remove the transaxle if necessary, and ensure that the proper torque converter has been installed for the vehicle. Refer to Figure 4 for proper converter identification.

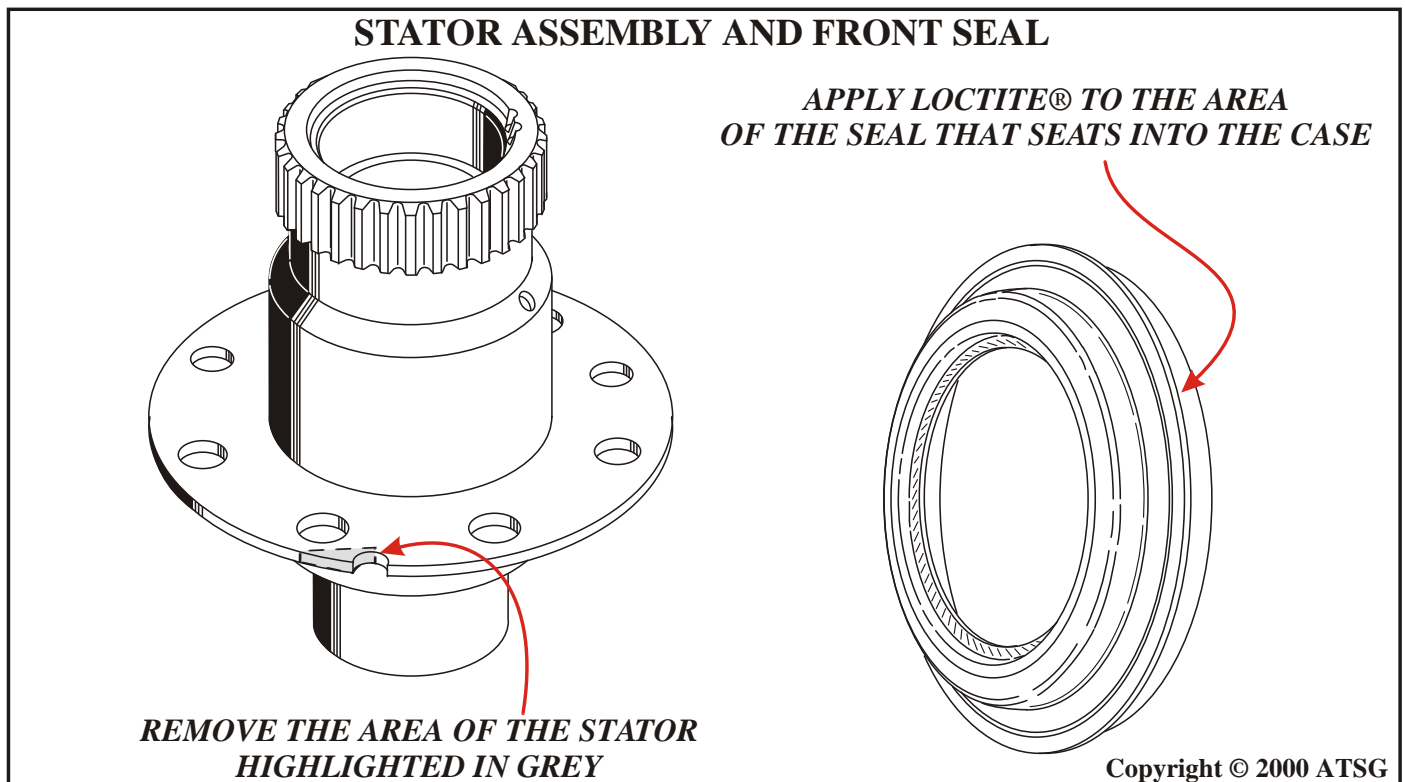
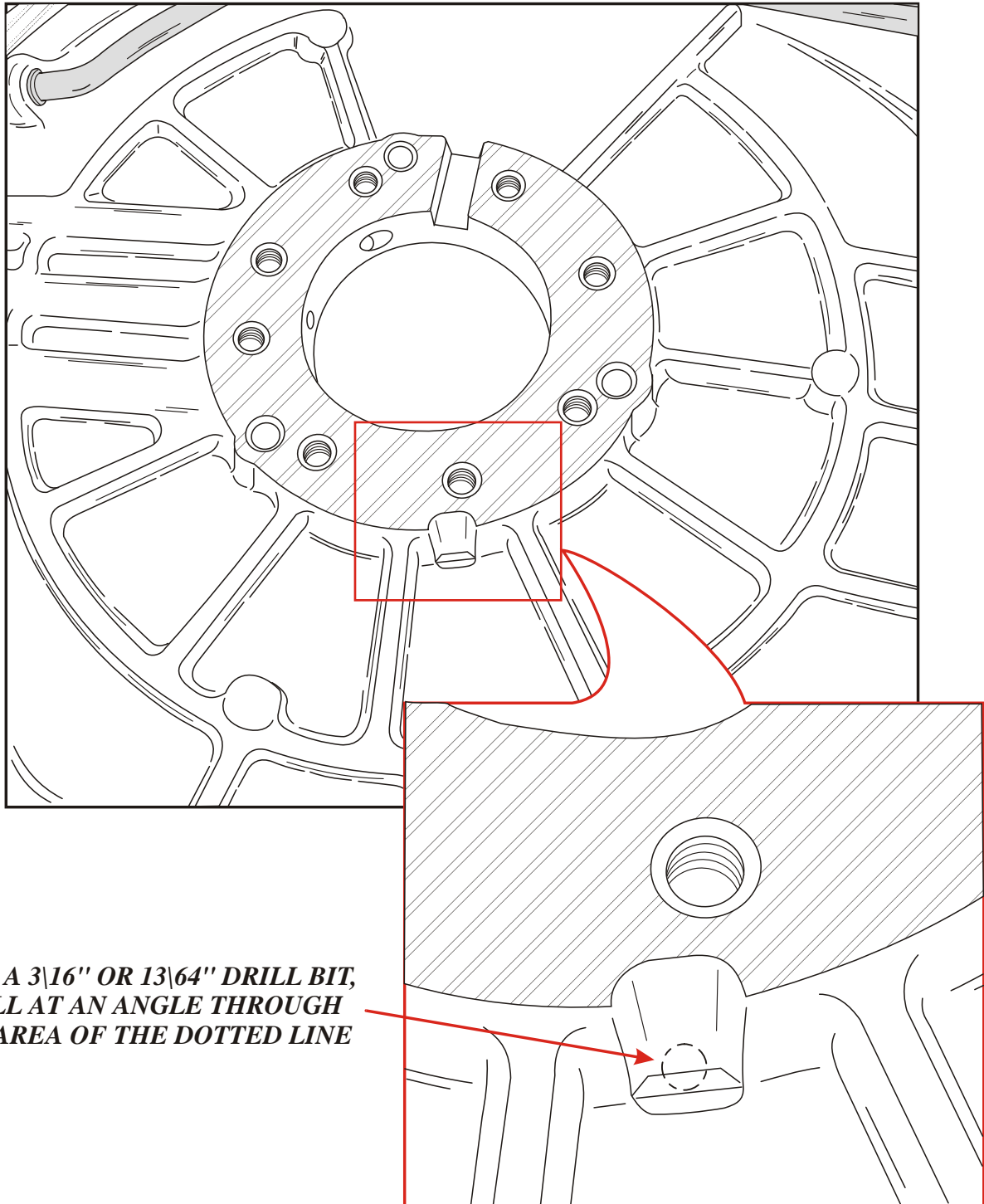


Figure 1

## BELL HOUSING REAR VIEW

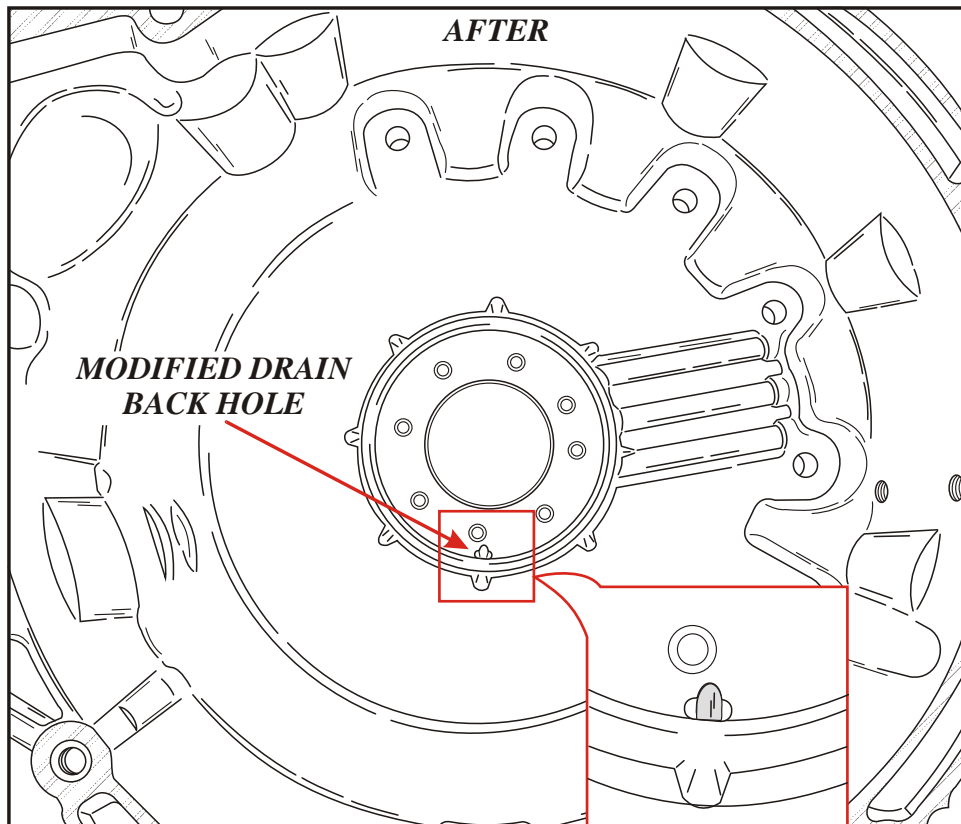
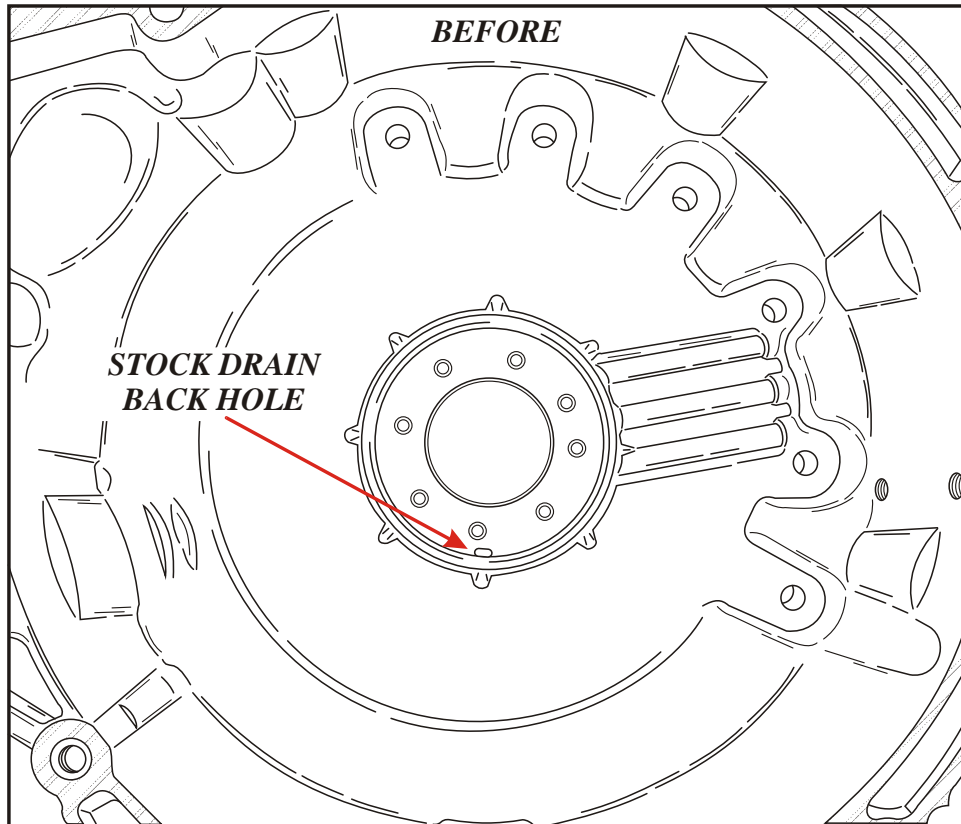


***WITH A 3/16" OR 13/64" DRILL BIT,  
DRILL AT AN ANGLE THROUGH  
THE AREA OF THE DOTTED LINE***

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Figure 2

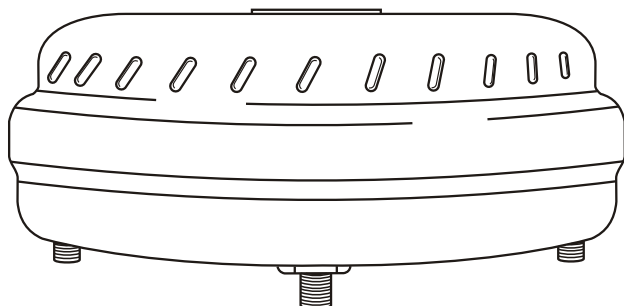
## BELL HOUSING FRONT VIEW



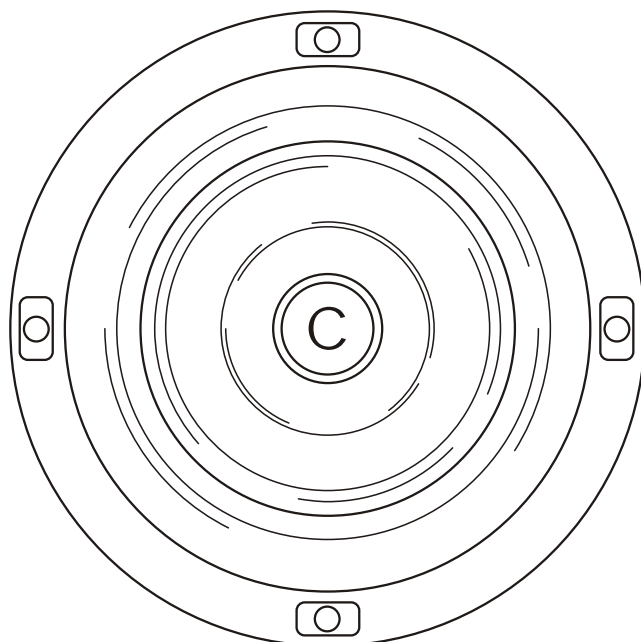
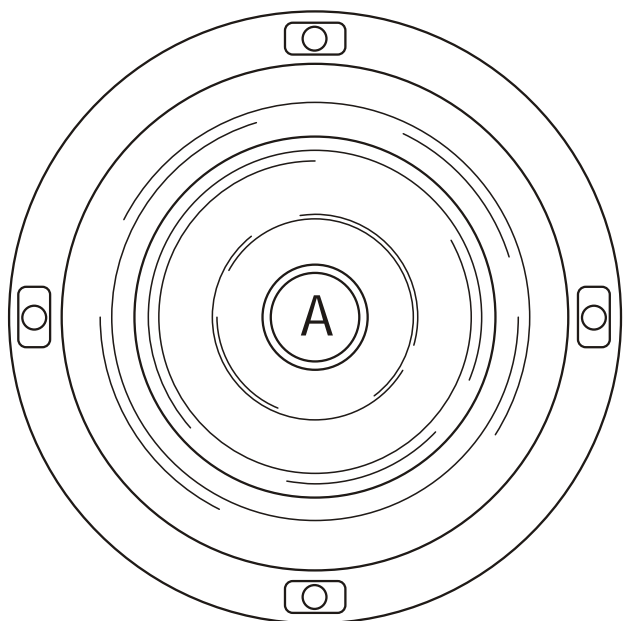
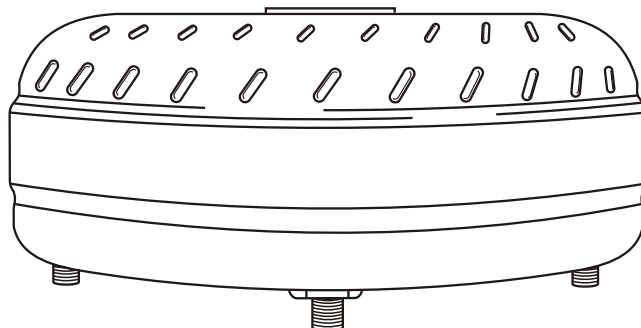
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Figure 3

**F-67**



**F-69**



**NOTE: THE PART NUMBERS LISTED ARE DACCO PART NUMBERS.**

PART NUMBER	F-67	F-69
DIAMETER	10.50"	11"
HEIGHT	3.710"	4.125"
STAMP	"A"	"C"
MODEL	PROBE 626 MX6 CONTOUR MYSTIQUE	CONTOUR MYSTIQUE
ENGINE SIZE	2.0L	2.5L

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Figure 4