

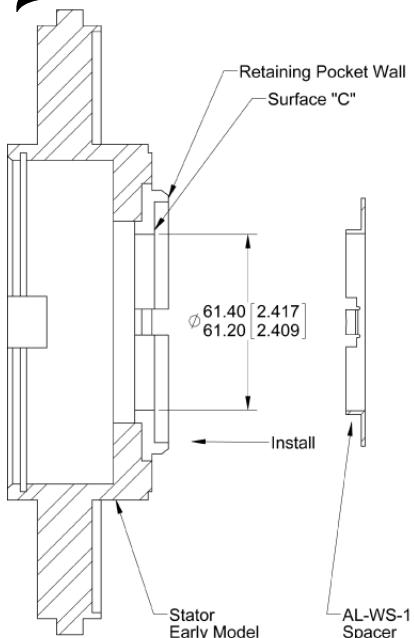


TORQUE CONVERTER PARTS

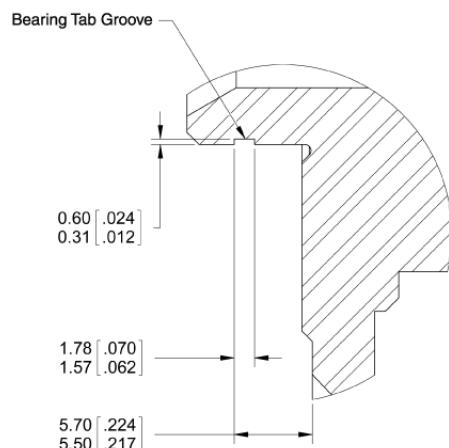
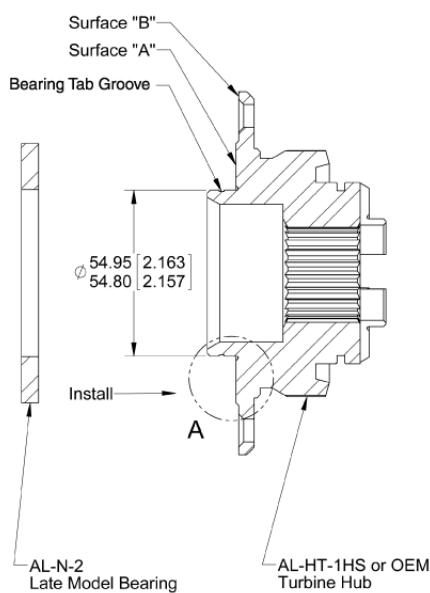
AL-WS-3

STATOR BEARING SPACER (TURBINE SIDE)

EARLY MODEL STATOR



EARLY MODEL OEM TURBINE HUB



DETAIL A
SCALE 4 : 1

MACHINING INSTRUCTIONS

Early-Model OEM Turbine Hub:

Note: Conversion turbine hubs AL-HT-1HSM and AL-HT-2HS are already modified and eliminate the need to modify AL-HT-1HS or the OEM turbine hub.

1. Machine the OEM turbine hub or Sonnax turbine hub **AL-HT-1HS** to 54.95-54.80mm (2.163-2.157") as shown so that bearing **AL-N-2** can be piloted on the turbine hub.
2. Machine a groove into the turbine hub as shown in Figure 1. The groove is used to retain the **AL-N-2** bearing assembly. The three retaining tabs on the inside diameter of the **AL-N-2** bearing will snap into the groove.
3. Machine surface "A" flush with surface "B". Machine surface "A" only. Do not machine surface "B". Remove any burrs.

Early-Model Stator:

1. Remove retaining pocket wall by machining flush with surface "C".
2. Machine the stator ID to 61.40-61.20mm (2.417-2.409") to accept **AL-WS-3**. Remove any burrs.

Note: When installing stamped version AL-WS-3, ensure the bearing spacer is seated flat on the mating machined stator mounting surface. Due to die-cast stator slot variations, it may be necessary to rotate the bearing spacer into adjacent slots until spacer tabs fit freely and bearing surface is flat. **AL-WS-3** is interchangeable with **AL-WS-1**.