

SUBARU PHASE II P0741 TORQUE CONVERTER SLIP

COMPLAINT: Before or after overhaul, 1998 and up Subaru vehicles equipped with the Phase II Four Speed transmission may exhibit a Diagnostic Trouble Code P0741 Torque Converter Slip.

CAUSE: The cause may be, worn stator bushings allowing a pressure loss in the Torque Converter apply circuit.

CORRECTION: Refer to Figure 1 to identify the Torque Converter release port and the Torque Converter apply port in the face side of the Stator assembly. See Figure 2 for an illustration of the Torque Converter Apply Circuit and how the TCC Apply pressure can be lost with the worn stator bushings. Refer to Figure 3 and assemble the Turbine shaft into the Stator shaft. Locate the Torque Converter release port on the face view of the stator and close it off with your finger. Apply 80-100 psi of air pressure to the center of the turbine shaft, and ensure no leakage past the bushing that is illustrated in Figure 3. **Note: This is the only sealing surface separating Torque Converter Off and Torque Converter Apply.**

SERVICE INFORMATION:

At the time of this printing there are no bushings available from aftermarket suppliers. It may be necessary to replace the stator to repair this condition.

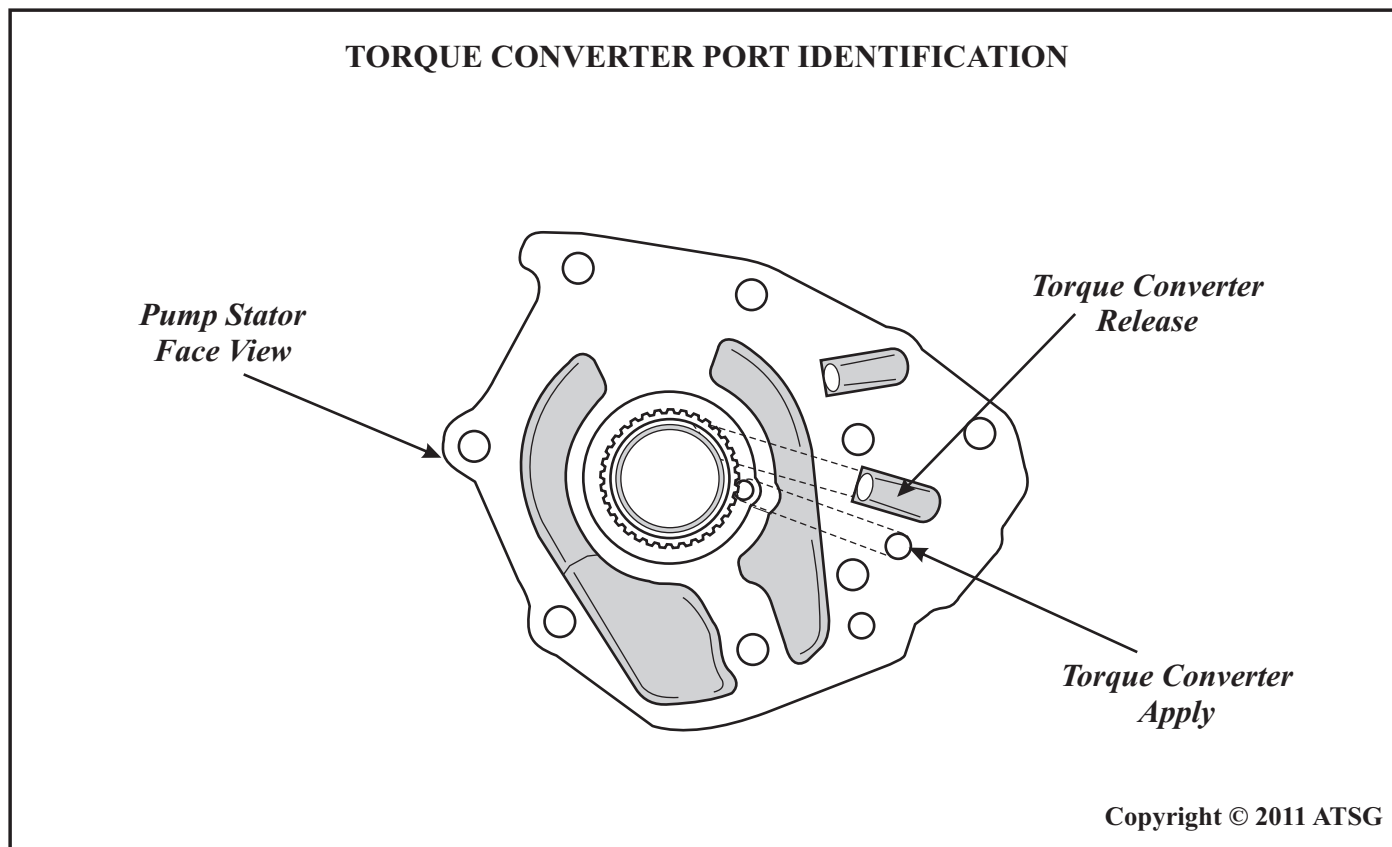
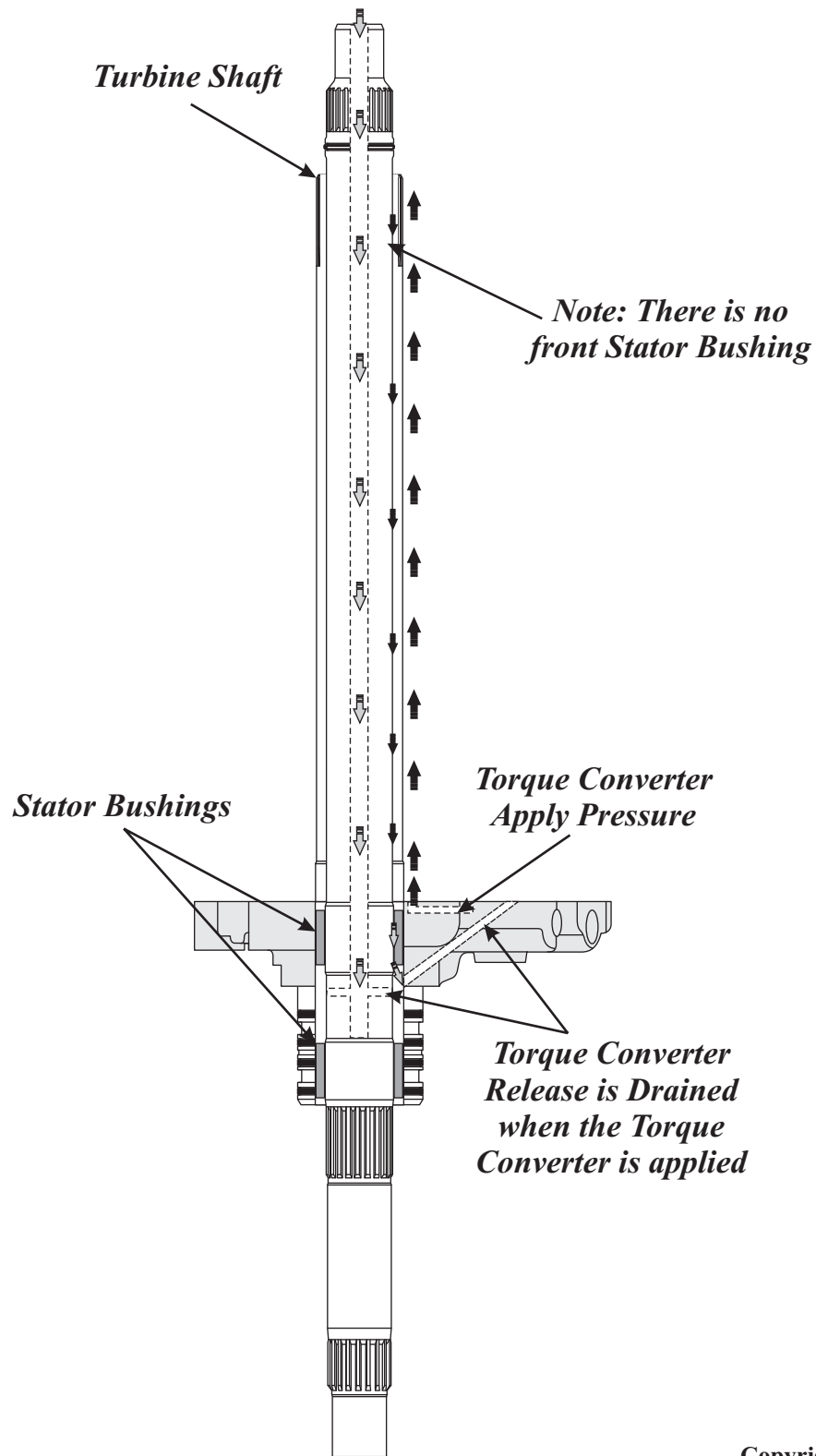


Figure 1

TORQUE CONVERTER APPLIED

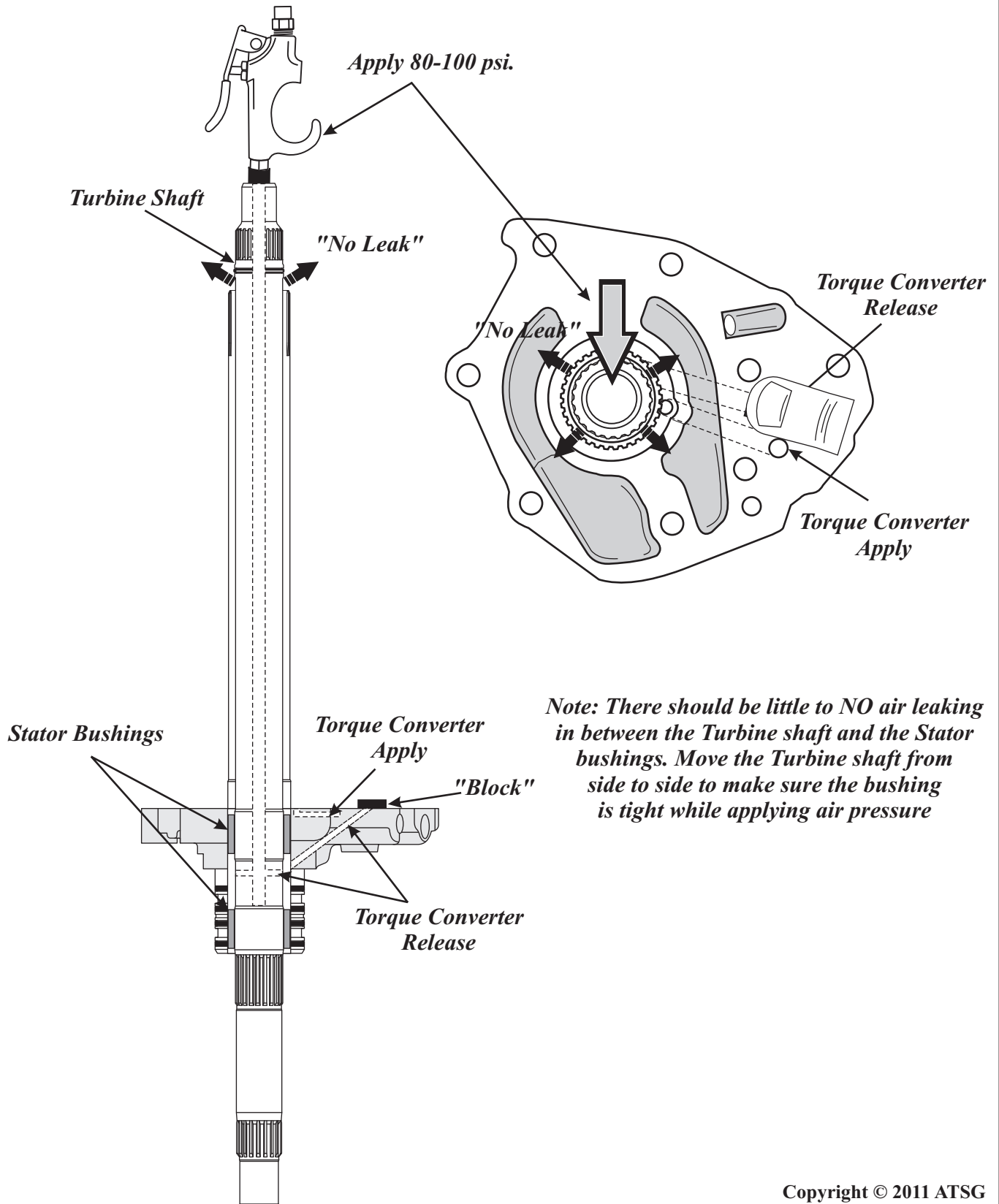


Copyright © 2011 ATSG

Note: Torque Converter Apply Pressure will be lost to the already exhausting Torque Converter release circuit, when the stator bushings are worn.

Figure 2

STATOR BUSHING AIR CHECK



Copyright © 2011 ATSG

Figure 3