



Technical Service Information

SATURN NO CONVERTER CLUTCH APPLY

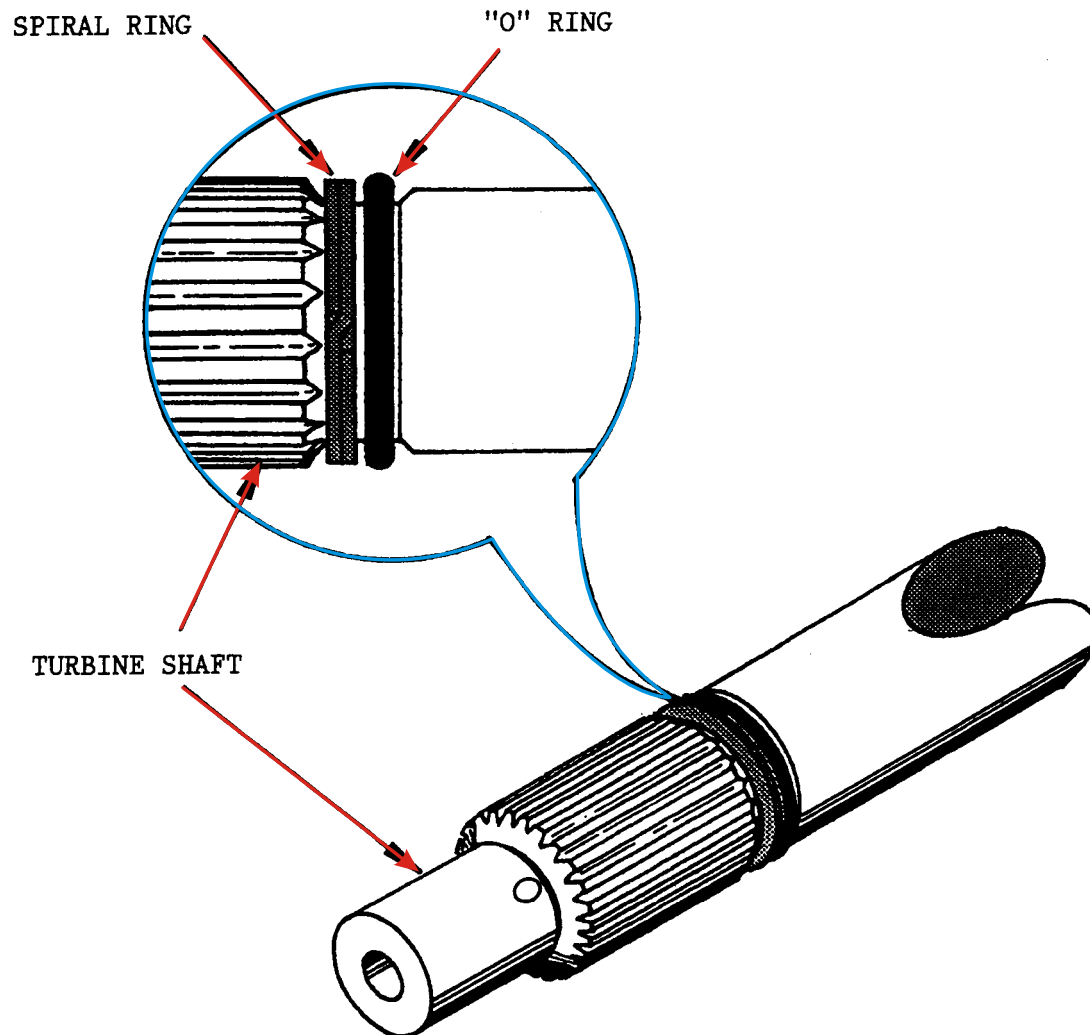
COMPLAINT: After rebuilding a Saturn transaxle, you have no converter clutch apply at any speed and the computer is sending the proper signals at the proper time to the transaxle.

CAUSE: The cause may be, the "O" ring on the turbine shaft missing. The "O" ring **MUST** be installed in the turbine shaft groove **BEHIND** the spiral ring, as shown in Figure 1, and **NOT** next to the turbine shaft splines.
If the "O" ring is installed next to the splines, the "O" ring will roll off and remain in the torque converter as the converter is removed from the transaxle.

CORRECTION: Install a new, proper size, "O" ring into the turbine shaft groove. Make sure the "O" ring is placed **BEHIND** the spiral ring, as shown in Figure 1, and **NOT** next to the turbine shaft splines. It is not necessary to remove the spiral ring to install the "O" ring into the groove in the proper position.

NOTE: We have received several reports of this complaint on transaxles that have been disassembled for the first time, which can only mean that the "O" ring was installed in the wrong position when it was originally assembled.

SATURN TURBINE SHAFT



THE "O" RING MUST BE INSTALLED IN THE TURBINE SHAFT GROOVE BEHIND THE SPIRAL RING, AS SHOWN ABOVE.