



CHRYSLER A518 TIE-UP IN PARK AND REVERSE MOVES FORWARD IN NEUTRAL

COMPLAINT: After rebuild, the vehicle exhibits a tie-up condition when the shift lever is in the Park or Reverse positions, and moves forward when the selector lever is in Neutral.

CAUSE: The cause may be, an A618 stator assembly installed into an A518.

CORRECTION: Install the proper A518 stator into the unit. The biggest problem is identification of these two very similar parts. The diameter in the sealing ring area on the turbine shaft on the A518 is 1.165", and the A618 diameter in the same area is 1.235", as shown in Figure 1. Obviously the diameter on the inside of the stator where the sealing rings ride must correspond with these dimensions. When the larger diameter A618 stator is installed on the A518 turbine shaft, converter release oil goes past the sealing ring and applies the forward clutch, as long as the engine is running. Refer to Figures 1 and 2.

TURBINE SHAFT AND FORWARD DRUM ASSEMBLY

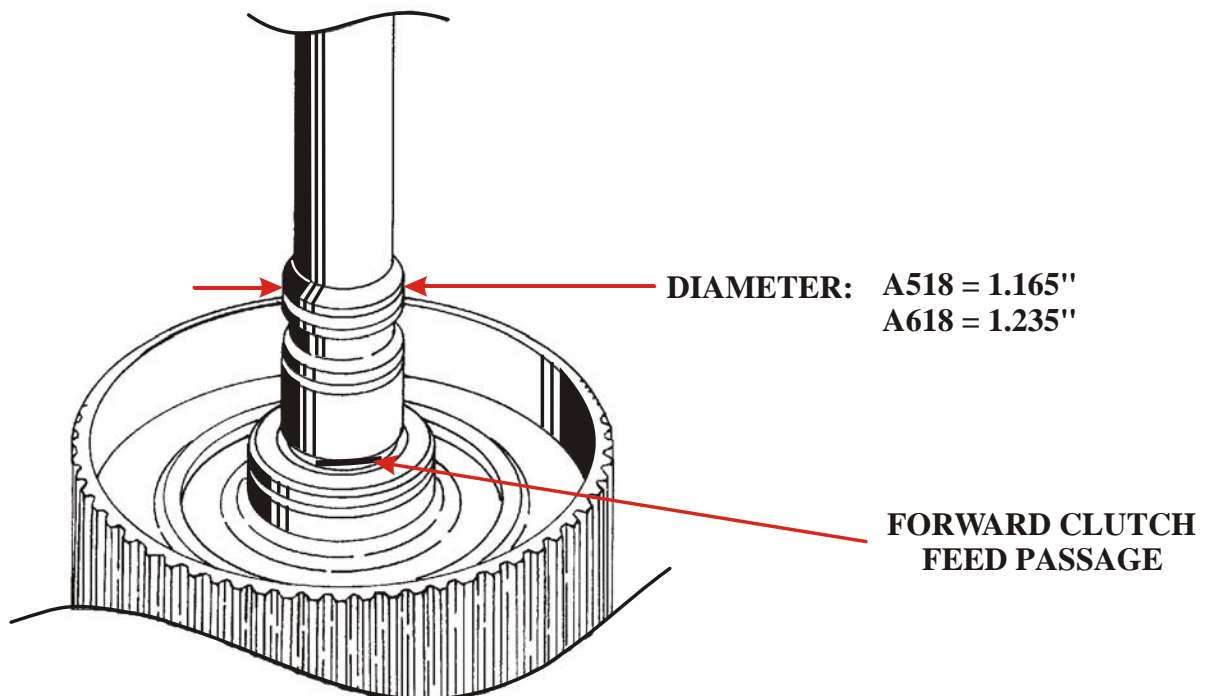


Figure 1

STATOR ASSEMBLY

**DIAMETER IN SEAL RING AREA:
A518 = APPROXIMATELY 1.170"
A618 - APPROXIMATELY 1.240"**

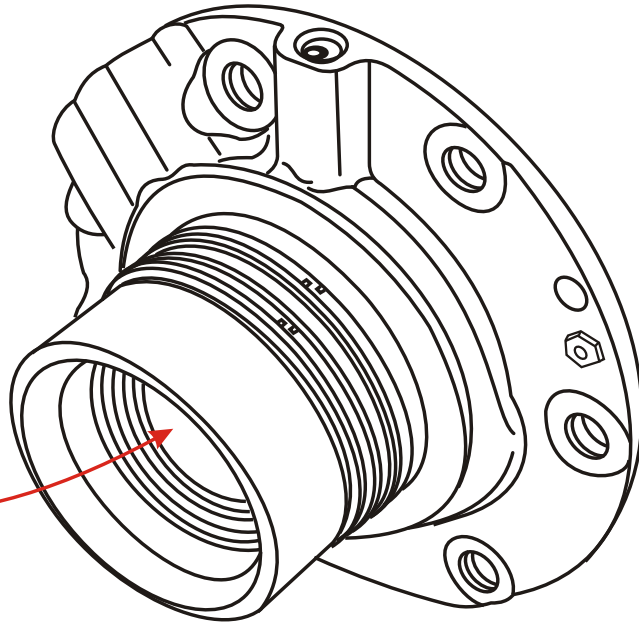


Figure 2