



# Technical Service Information

## CHRYSLER A500/518

### BIND UP ON 3-4 SHIFT

**COMPLAINT:** Bind-up on a 3-4 shift, after overhaul.

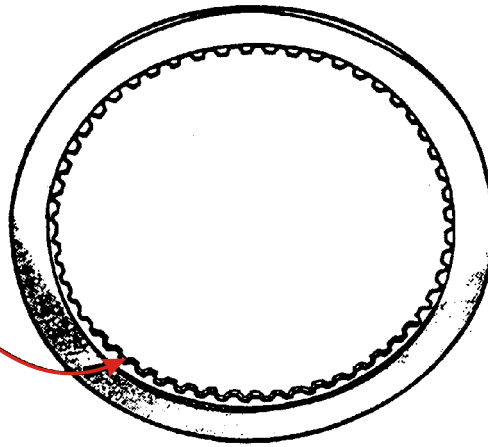
**CAUSE:** The cause may be, the overdrive direct clutch reaction plate installed upside down on the sliding clutch hub.

**CORRECTION:** Install the overdrive direct clutch reaction plate with the counterbore side facing down, so that the counterbore fits over the lugs of the direct clutch sliding hub, as shown in Figure 1. The reaction plate, when installed correctly, should be flush with the end of the sliding hub, as shown in Figure 1.

**NOTE:** To determine the amount of friction plates and steel plates that belong in the overdrive direct drum, measure the distance between the snap ring groove and the top of the drum as shown in Figure 2. Use the chart in Figure 2 to select the number of clutch plates, depending on the measurement.

## OVERDRIVE DIRECT CLUTCH REACTION PLATE

COUNTERBORE



OVERDRIVE DIRECT CLUTCH REACTION PLATE COUNTERBORE  
FACES DOWN OVER THE SLIDING HUB.  
WHEN INSTALLED CORRECTLY, THE REACTION PLATE WILL  
BE FLUSH WITH THE BOTTOM OF SLIDING HUB.

SLIDING HUB

SHOULD BE FLUSH

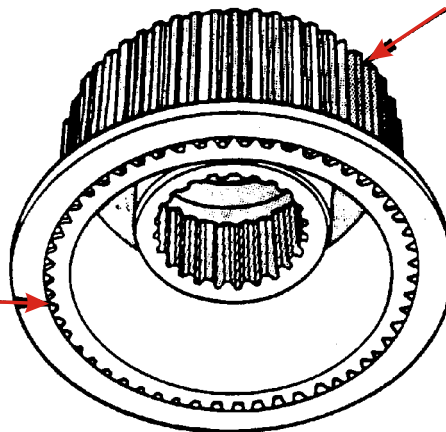
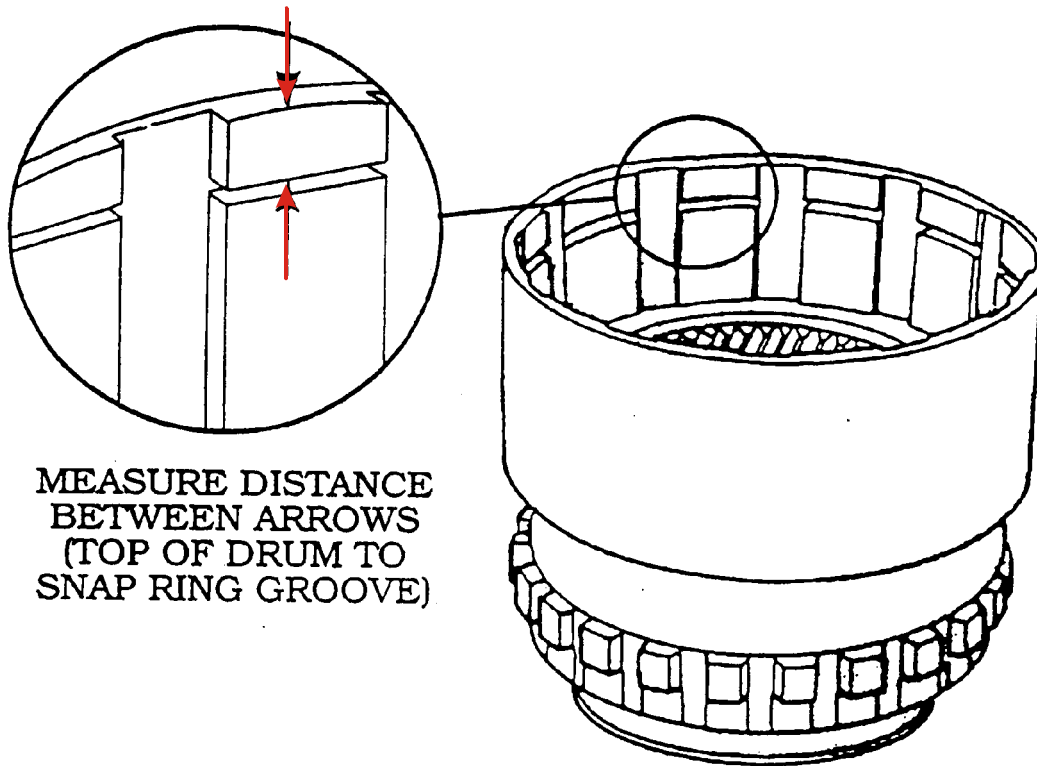


Figure 1



TRANSMISSION	LINED	STEEL	MEASUREMENT
A500 (40RH) 3.9L	5	4	.485"
A500 (42RH) 5.2L	6	5	.350"
A518 (46RH)	8	7	.100"

Figure 2