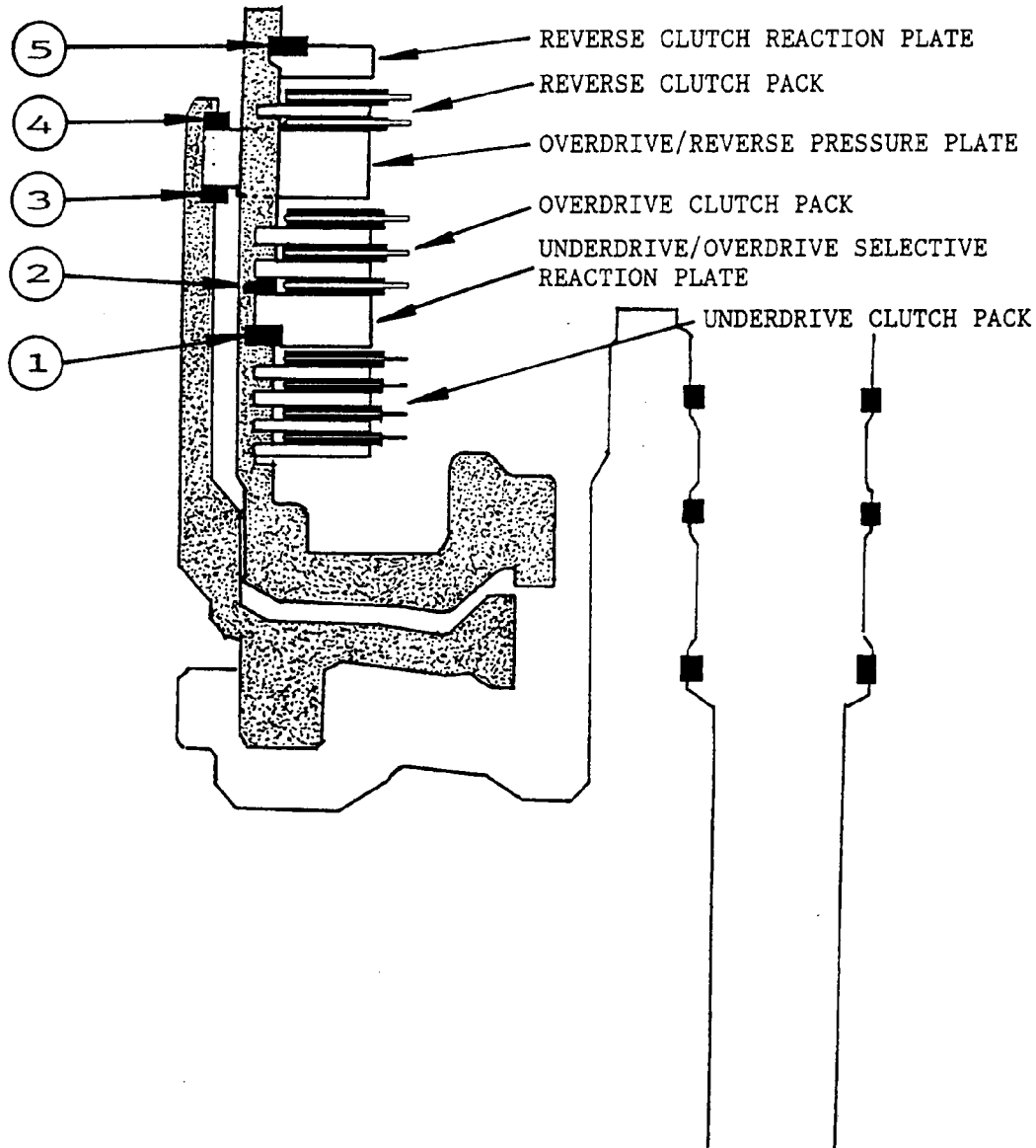


CHRYSLER A604 INPUT DRUM SNAP RING LOCATION AND I.D.



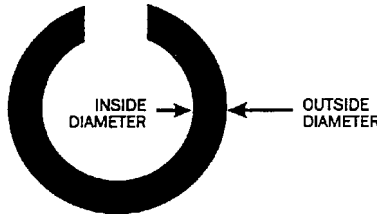
Copyright © 2000 ATSG



Technical Service Information

SNAP RING NO. 1 :

This is a FLAT "Non-Selective" snap ring used on the bottom side of Underdrive/ Overdrive Selective Reaction Plate, and is approximately .060" thick. This snap ring is often confused with the Reverse Clutch Reaction Plate "Selective" Snap Ring (Snap Ring No. 5). Refer to the selective chart under snap ring No. 5, and notice that the snap ring could be .061" thick, so both snap rings could be installed in the wrong locations. **TO IDENTIFY THE PROPER SNAP RING** - Measure the width of the snap ring from the inside diameter to the outside diameter (See Illustration Below).



Ring No. 1, Underdrive/Overdrive Non-Selective Snap Ring is approximately .173" Ring No. 5, Reverse Clutch Selective Snap Ring is approximately153"

SNAP RING NO. 2 :

This is a color coded "Tapered" snap ring that goes on top of the Underdrive/Overdrive Selective Reaction Plate. There are currently 3 different design levels of this snap ring, because of "Updates" that have occurred since the start of production in 1989, and also affects the design level of the Underdrive/Overdrive Selective Reaction Plate.

REFER TO FIGURE 2 TO IDENTIFY WHICH DESIGN LEVEL THAT YOU HAVE!

We recommend the **3RD DESIGN LEVEL** for all models, which **REQUIRES** a four friction overdrive clutch pack, the Black .075" snap ring, and the "Undercut" Underdrive/ Overdrive Selective Reaction Plate, as shown in Figure 2.

Service Package part numbers listed below include the latest design level of the Underdrive/Overdrive Selective Reaction Plate, and the latest design level of the Tapered Snap Ring (.075" Black).

.215"-.219" Thickness 4723684

.234"-.238" Thickness 4723683

.253"-.257" Thickness 4723682

.273"-.277" Thickness 4723681

SNAP RING NO. 3 :

This is a "Waved" snap ring used on the bottom side of the Overdrive/Reverse Selective Pressure Plate and **IS USED** even when you have one "Wide" groove in the Overdrive/Reverse Housing, instead of the previous two grooves (See Figure 3).

SNAP RING NO. A:

This is a "Flat" snap ring used on the top of the Overdrive/Reverse Selective Pressure Plate and **IS USED** even when you have one "Wide" groove in the Overdrive/Reverse Housing, instead of the previous two grooves (See Figure 3).

Figure 1



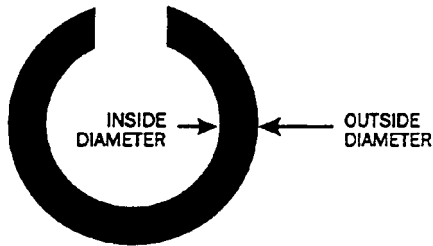
Technical Service Information

SNAP RING NO - 5 :

This is a FLAT "Selective" snap ring used on top of the Reverse Clutch Reaction Plate. There are 4 different selective thickness snap rings to set the reverse clutch pack clearance, and are listed in the chart below along with their part numbers.

This flat snap ring is often confused with the flat snap ring used on the bottom side of the Underdrive/Overdrive Reaction Plate (Snap Ring No. 1), which is approximately .060" thick. Refer to the chart below, and notice that the reverse clutch selective snap ring could be .061" thick, so both snap rings could be installed in the wrong locations.

TO IDENTIFY THE PROPER SNAP RING - Measure the width of the snap ring from the inside diameter to the outside diameter (See Illustration Below).



PART NUMBER	THICKNESS
4377195	.061"
4412871	.071"
4412872	.081"
4412873	.090"

Ring No. 5, Reverse Clutch Selective Snap Ring is approximately153"

Ring No. 1, Underdrive/Overdrive Non-Selective Snap Ring is approximately173"

CLUTCH PACK CLEARANCES

Underdrive Clutch Pack036"-.058"

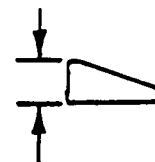
Overdrive Clutch Pack042"-.096"

Reverse Clutch Pack030"-.039"

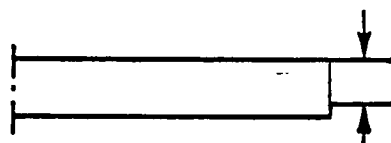
UNDERDRIVE/OVERDRIVE TAPERED SNAP RING IDENTIFICATION

THICKNESS	COLOR CODE	APPLICATION	PART NO.
.070"	BLUE	3 O.D. PLATE ONLY	4377189
.060"	GREEN/WHITE	4 O.D. PLATE ONLY	4531411
.075"	BLACK	4 O.D. PLATE ONLY	4567602

MEASURE SNAP RING ACROSS THE THICKEST
DIMENSION AS SHOWN AT RIGHT.

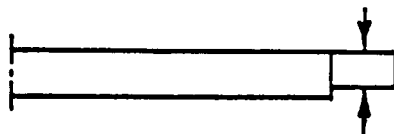


UNDERDRIVE/OVERDRIVE REACTION PLATE MEASURE THICKNESS OF LONGEST TANGS FOR IDENTIFICATION



.196"
THICK = 3 OVERDRIVE PLATE ONLY

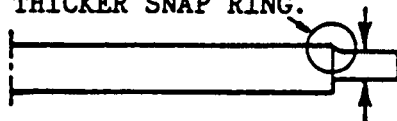
THIS PLATE REQUIRES .070" BLUE TAPERED SNAP RING,
AND IS INSTALLED WITH STEP FACING DOWN.



.156"
THICK = 4 OVERDRIVE PLATE ONLY

THIS PLATE REQUIRES .060" GREEN/WHITE TAPERED SNAP RING,
AND IS INSTALLED WITH STEP FACING DOWN.

RADIUSED UNDERCUT TO MAKE
ROOM FOR THICKER SNAP RING.

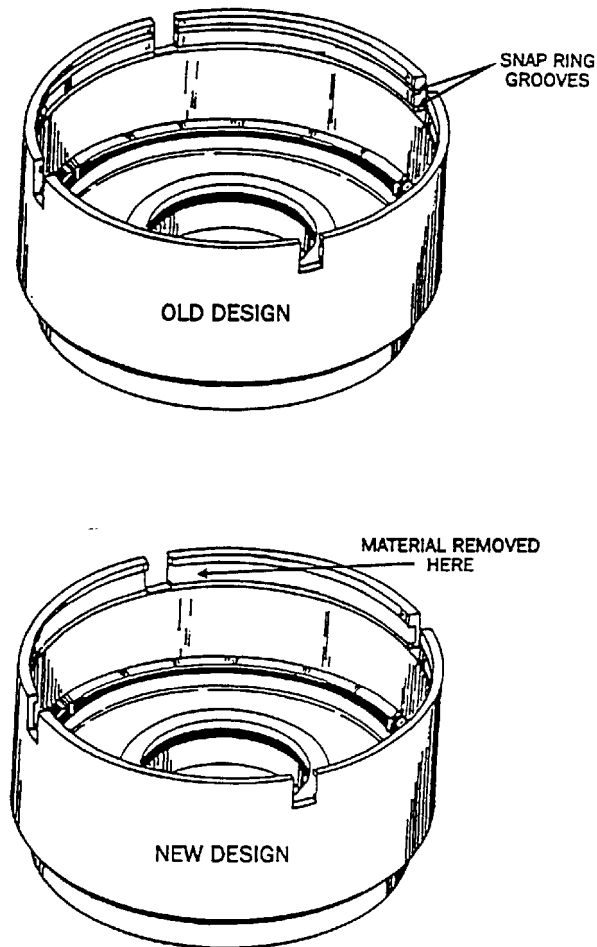


.141"
THICK = 4 OVERDRIVE PLATE ONLY

THIS PLATE REQUIRES .075" BLACK TAPERED SNAP RING,
AND IS INSTALLED WITH SQUARE STEP FACING DOWN.

THE "UPDATED" BLACK SNAP RING AND THE "UPDATED" UNDERCUT
REACTION PLATE WILL RETRO FIT BACK ON 4 O.D. PLATE ONLY.

Figure 2



BOTH SNAP RINGS (RING NO. 3 & RING NO. A) ARE USED IN THIS HOUSING, REGARDLESS OF DESIGN LEVEL, IN THE LOCATIONS THAT ARE SHOWN IN FIGURE 1.