



AUDI/VOLKSWAGEN 01M/01N/01P REVISED K1 CLUTCH ASSEMBLY

COMPLAINT: After overhaul the transmission experiences a bind-up on the 3-4 shift and a bind-up in reverse.

CAUSE: Mis-assembly of the K1 clutch is responsible for the above complaints.

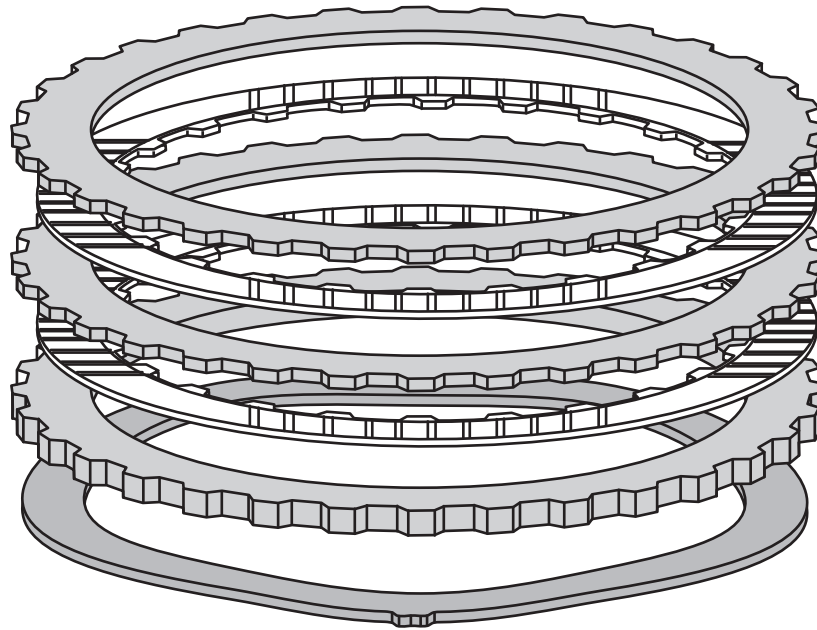
CORRECTION: During the 1995 model year the Phase 2 redesign of the K1 clutch took place. The obvious difference was the K1 drum now did not have a shaft. With the new design, the K1 and the K3 drums had to be pressed apart. Other differences are mainly dimensional. The K1 clutch pack is assembled as follows:

1. After the bottom piston, coil spring assembly, top spring assembly and snap ring have been installed into the drum, install the waved plate.
2. Install the .079" steel plate.
3. Install one friction plate then one .057" steel plate, then one friction and one .057" steel plate as shown in Figure 1.
4. Place the K1 clutch hub, large diameter end, down on the bench, See Figure 2.
5. Install the top pressure plate onto the clutch hub.
6. Stack the remaining friction and steel plates onto the clutch hub, ending with a friction plate.
7. Install the 4 plastic clutch retainers, making certain that they snap into their respective holes in the clutch hub. Make certain the top friction plate on the clutch hub is below the tab of the plastic retainers as seen in Figure 2. The retainers for the Phase 2 K1 clutch are .640" tall.
NOTE: Always replace these plastic retainers with new ones as they will most likely be broken because they are support bushings for the K3 drum.
8. Invert the clutch hub assembly and install it into the K1 drum as seen in Figure 2.
9. Install the snap ring into the groove of the K1 clutch drum working in between the clutch hub and the drum as also shown in Figure 2.

NOTE: The K1 clutch pack arrangement in this bulletin is for a 5 friction clutch pack with a waved cushion.

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*5 friction K1
clutch assembly*

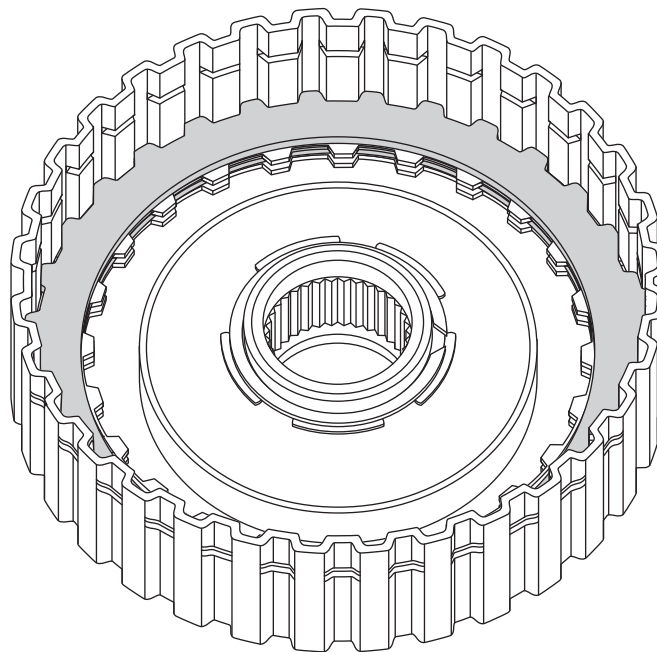


.057" STEEL
PLATE
.063" FRICTION
PLATE
.057" STEEL
PLATE
.063" FRICTION
PLATE
.079" STEEL
PLATE
WAVED PLATE

FIRST INSTALL THIS
PART OF THE K1
CLUTCH



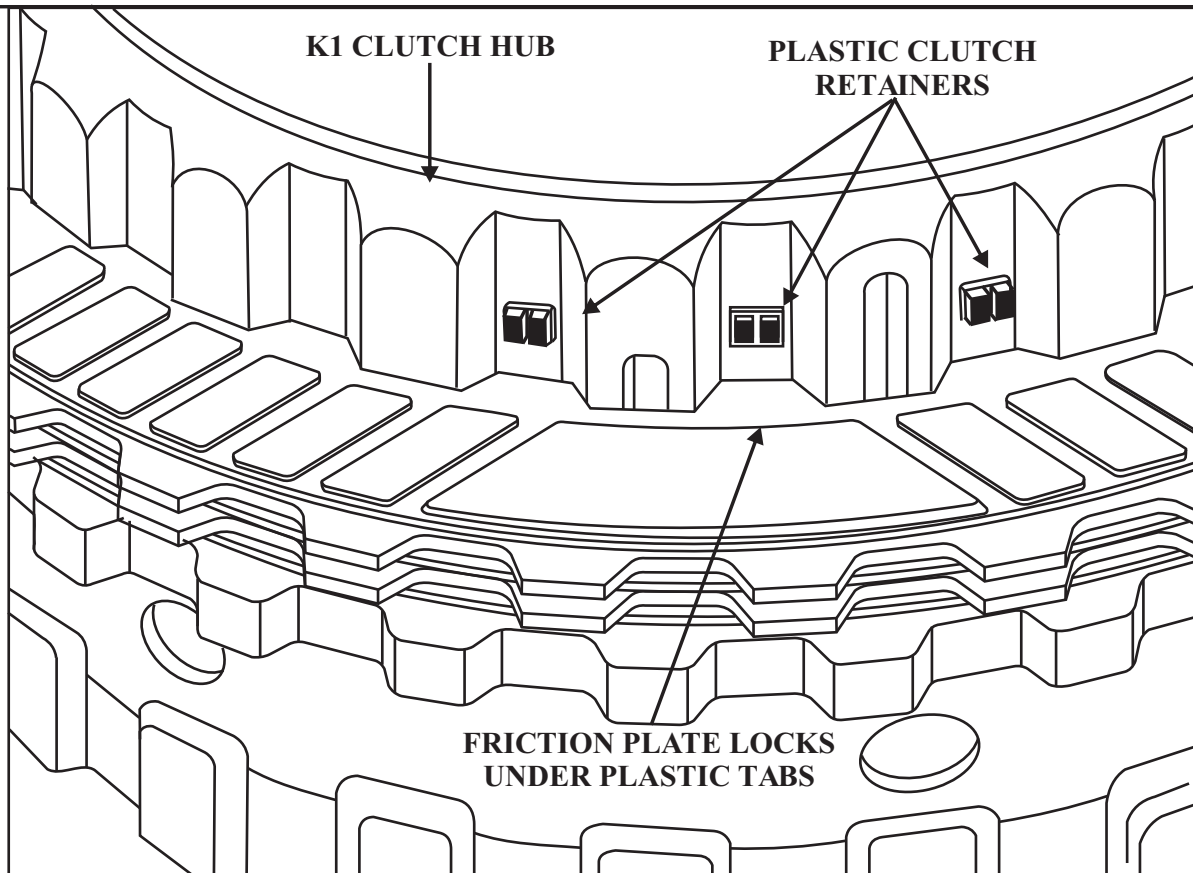
INTO THE
K1 CLUTCH DRUM
AS SHOWN



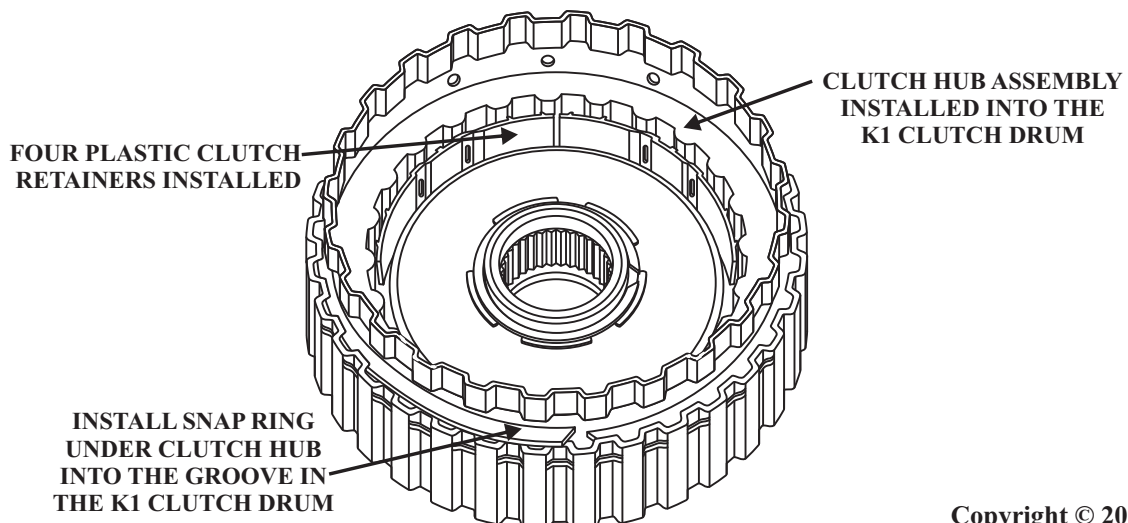
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Figure 1

AUDI/VOLKSWAGEN 01M/01N/01P REVISED K1 CLUTCH ASSEMBLY



Turn clutch hub upside down and load the .202" pressure plate onto it. Next, alternate clutch, steel, clutch, steel, ending with a clutch plate on top. Next, install plastic retainer as shown, then invert clutch hub assembly and install it into the K1 drum on top of the previously installed plates as shown below.



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Figure 2