



# Technical Service Information

## CHRYSLER A604 NEW SOLENOID PACK

**CHANGE:** A new design Solenoid Pack has been introduced as a running change in the 1999 model year for *all* 41TE (A604) transaxles, as shown in Figure 1. This new design Solenoid Pack, available under OEM part number 5015646AB, will also be used for service, as the previous design solenoid pack is no longer available from Chrysler.

**REASON:** Greatly reduced operational noise by using internal solenoids with the needles and seats incorporated inside the solenoids. The "Buzzing" noise normally associated with this unit is gone.

### PARTS AFFECTED:

- (1) SOLENOID PACK - Totally re-designed casting with changes in the worm track area and is illustrated in Figure 2. The new design Solenoid Pack, available under OEM part number 5015646AB, is now the only one available for service.
- (2) SOLENOID GASKET - Changed to accomodate the changes in the new design solenoid pack, as shown in Figure 3.
- (3) SOLENOID SPACER PLATE - Eliminated, with the new design solenoid pack. Refer to Figure 4 for illustrations.
- (4) SOLENOID SOUND COVER - Eliminated with the new design solenoid pack, as it is no longer needed to dampen the "Buzzing" noise.

### SERVICE INFORMATION:

Solenoid Pack (New Design) .....	5015646AB
Solenoid Gasket (New Design) .....	4659982

### INTERCHANGEABILITY:

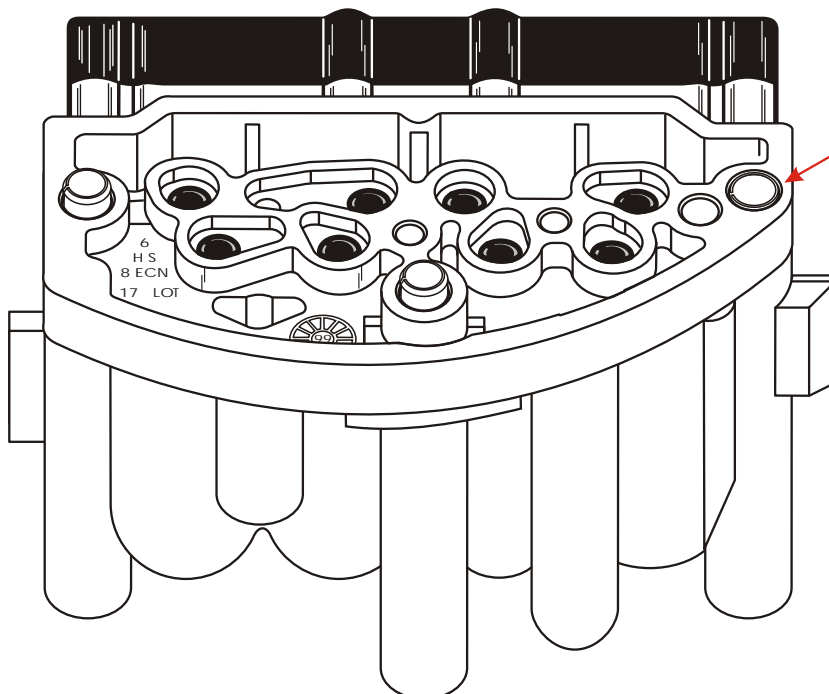
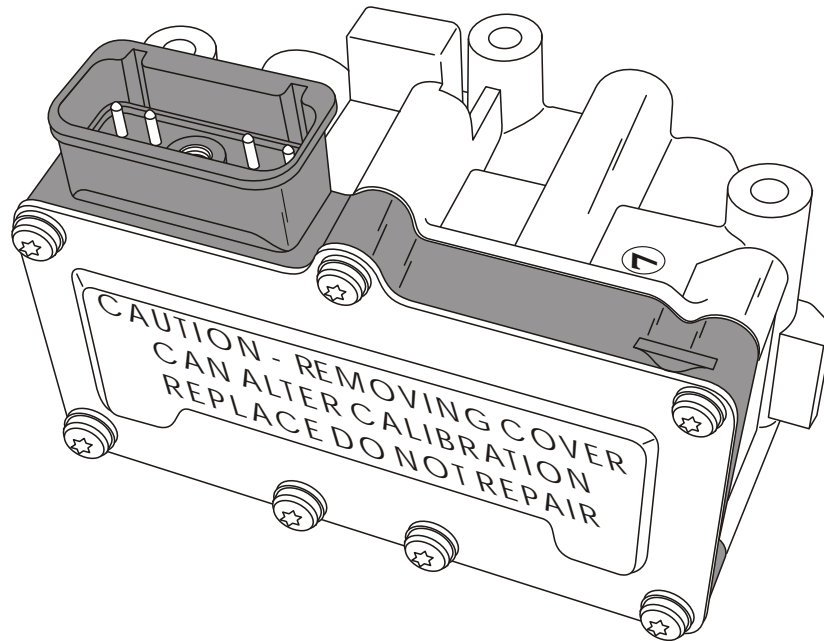
The new design Solenoid Pack and gasket will retro-fit back on *all models* of the 41TE (A604) transaxle, by following the installation instructions listed below;

1. Remove and discard the previous design solenoid pack, spacer plate, both gaskets, and the sound cover.
2. Install the new design Solenoid Pack with the new design gasket, and torque the three retaining bolts to 105 in.lb.

***Special Note: Most early cases will require that you either press the rear roll pin in so that it is flush with the body, or remove it, as shown in Figure 1, so that new Solenoid Body will bolt down flush with the case surface.***

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## NEW DESIGN SOLENOID PACK



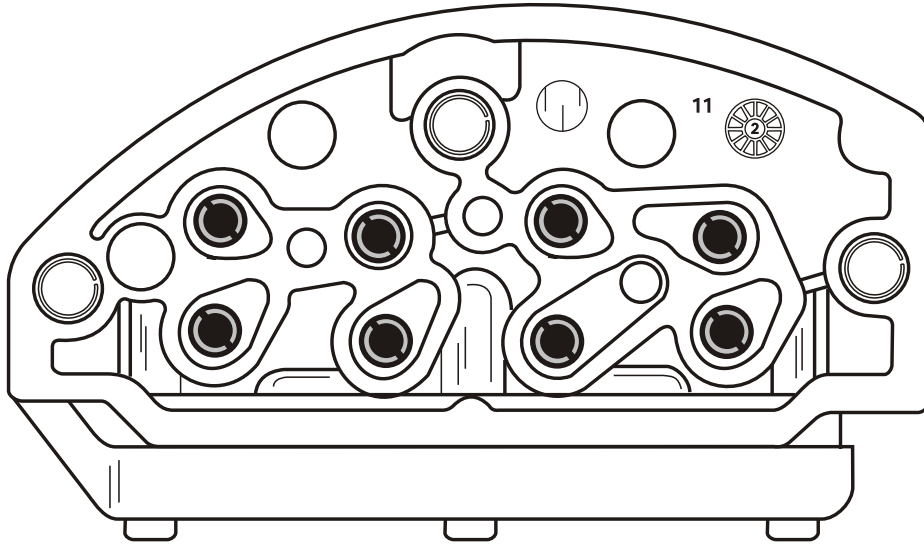
*This Roll Pin Must Be Pressed  
Down Flush Or Removed*

**NEW DESIGN SOLENOID PACK  
(BOTTOM VIEW)**

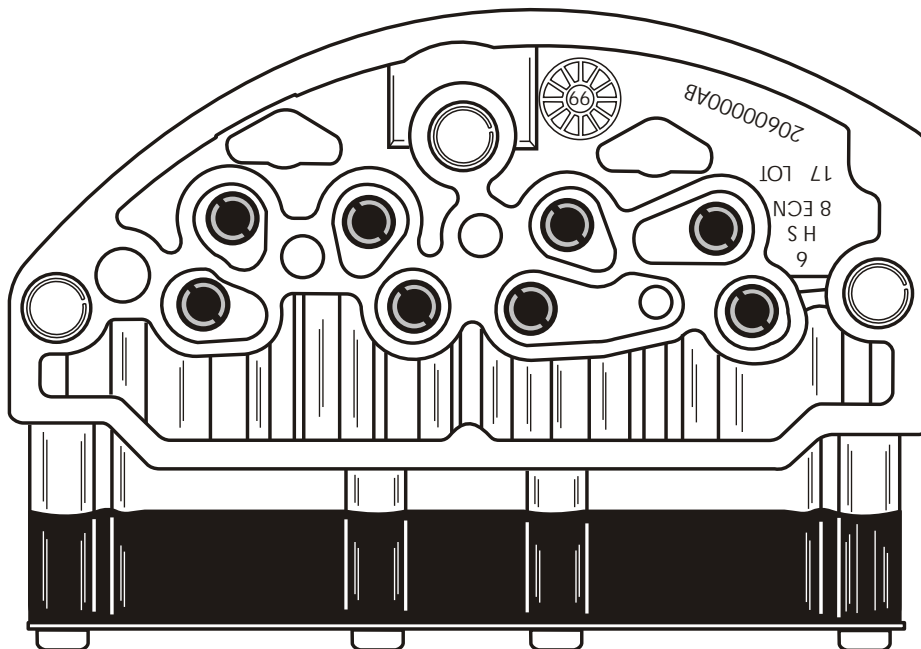
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Figure 1

## *Early Solenoid Pack (Bottom View)*



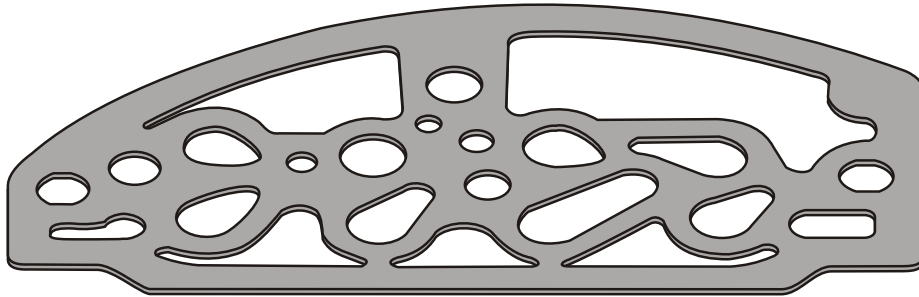
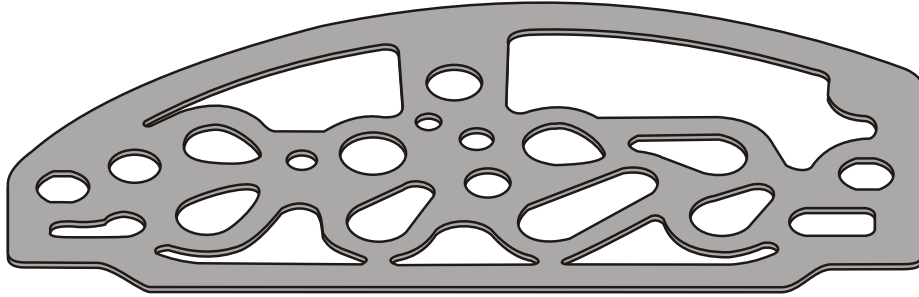
## *Late Solenoid Pack (Bottom View)*



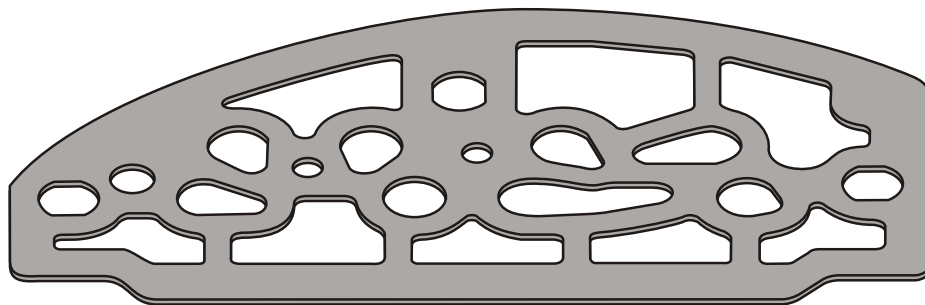
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Figure 2

## *Early Solenoid Gaskets*



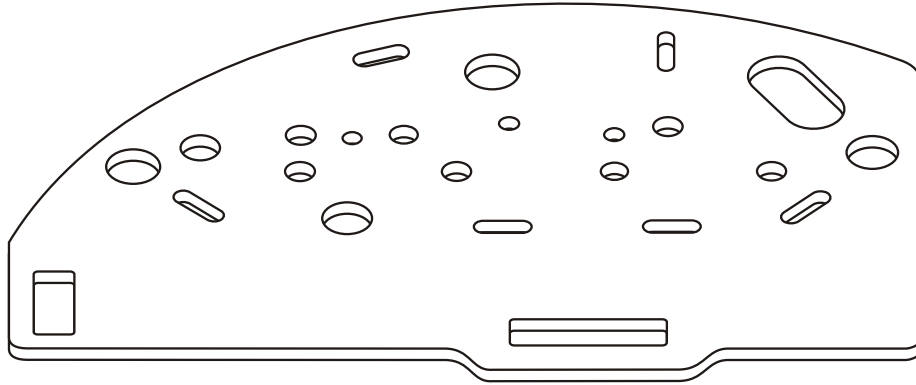
## *Late Solenoid Gasket*



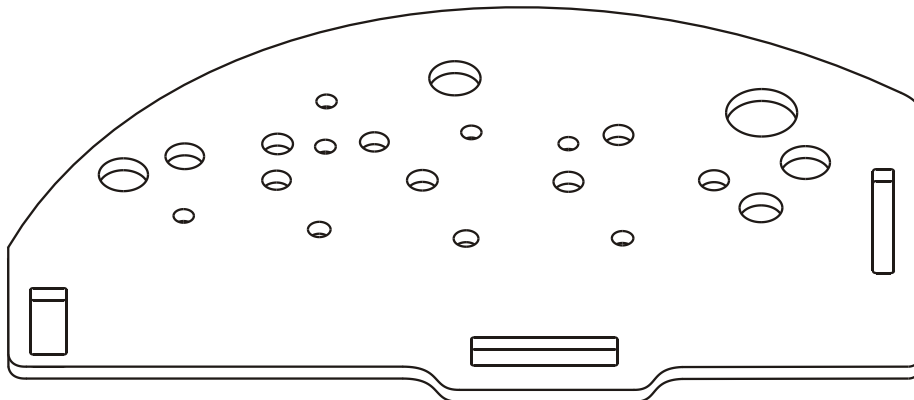
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Figure 3

## *Early Solenoid Spacer Plate*



## *Late Solenoid Spacer Plate*



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Figure 4