



## CHRYSLER 4 SPEED FWD

### CHECK BALL & SMALL PARTS LOCATIONS

**COMPLAINT:** There is confusion for the rebuild technician when it comes to the three and four valve body check ball and small parts locations.

**CAUSE:** As the 41TE, 42LE, 42RLE transmission progressed into the 41TES and 42RLE-VLP transmissions, the check balls and other small parts either changed position or were eliminated. Check ball and small part placement depends on spacer plate configuration, hydraulic changes to clutch circuits and if the transmission is a VLP or NON-VLP unit.

**CORRECTION:** *Figure 1 - This can be a three or four check ball valve body for the 41TE, 42LE or 42RLE NON-VLP transmissions.*

*Figure 2 - This is the three or four check ball spacer plate depending on if it has the hole indicated or not for the 41TE or 42LE transmissions.*

*Figure 3 - This is the three or four ball transfer plate for the 41TE which may or may not have the thermal valve based on the hole indicated in the spacer plate in figure 2 and also has the #5 check ball capsule.*

*Figure 4 - This is the 42LE and 42RLE transfer plate which has no check ball, the #5 check ball in the valve body. The installation of the thermal valve depends on the presence of the hole in the spacer plate shown in figure 5.*

*Figure 5 - This is the 42LE and 42RLE spacer plate which will determine by the hole indicated if it requires a thermal valve and the #2 check ball.*

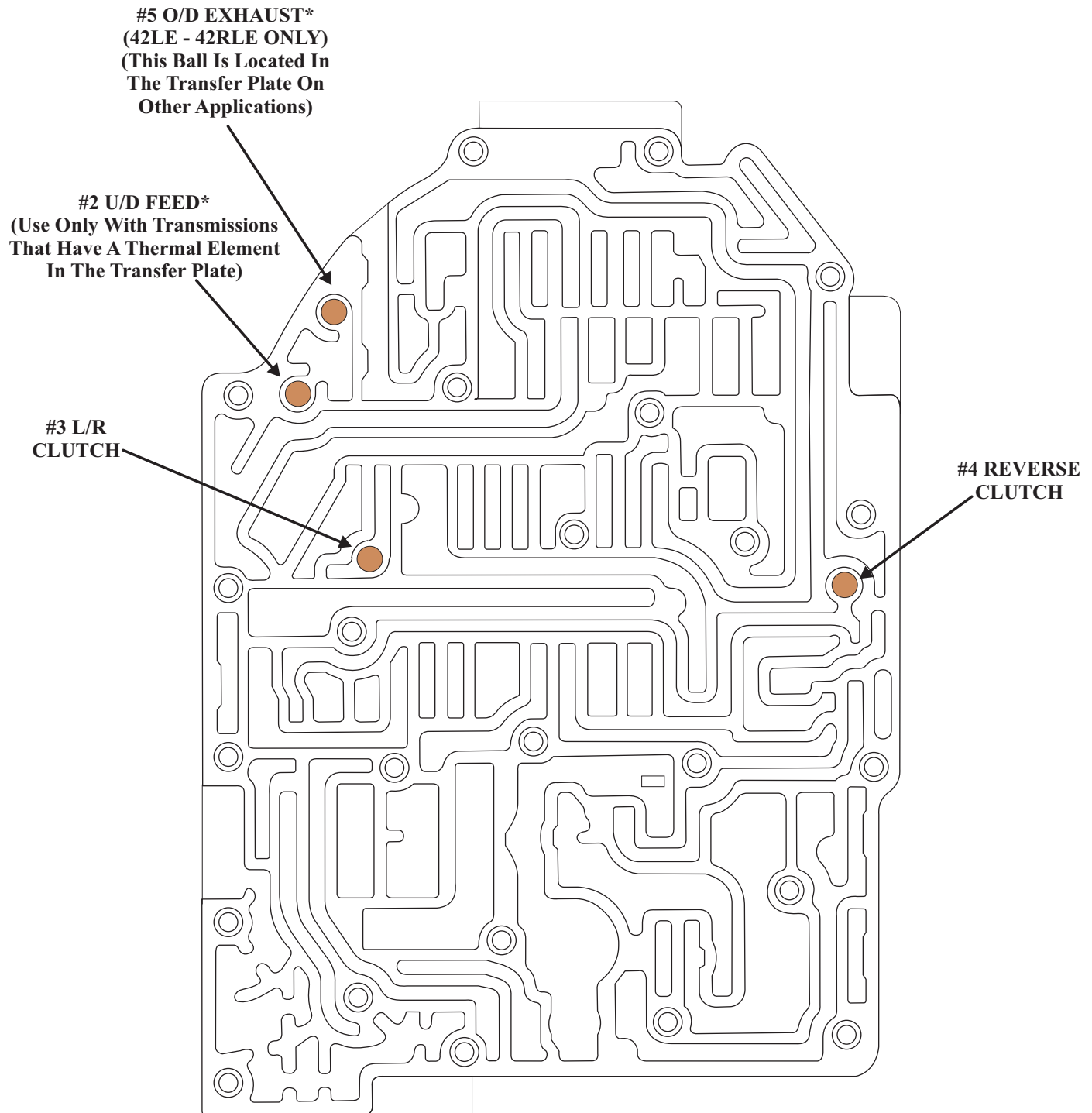
*Figure 6 - This the two check ball valve body for the 41TES and 42RLE-VLP transmissions.*

*Figure 7 - This is the 41TES and 42RLE-VLP two check ball spacer plate. This spacer plate does not have the hole indicated and will therefore not require a thermal element.*

*Figure 8 - This is the 41TES and 42 RLE -VLP two check ball transfer plate. This will usually have the late style thimble filter but could have the earlier style basket filter and requires no thermal valve. The uses a #5 check ball, the capsule was eliminated in the VLP units.*

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 3 & 4 CHECK BALL VALVE BODY



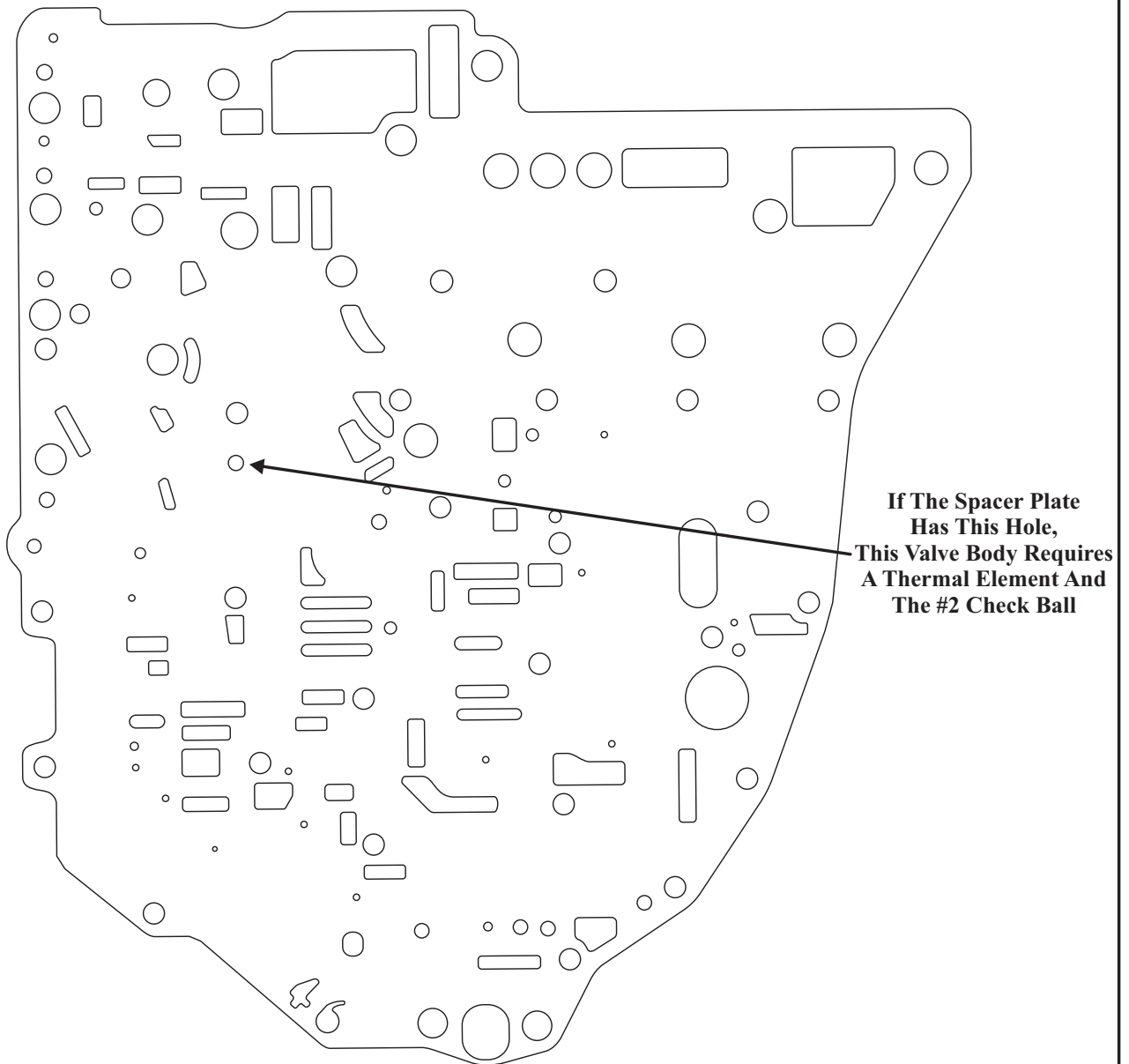
**\*NOTE:** If the valve body has only three balls and the #5 ball is put in the #2 ball location, the engine will stall when the transmission is put into drive.

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Figure 1

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 3 & 4 CHECK BALL SPACER PLATE

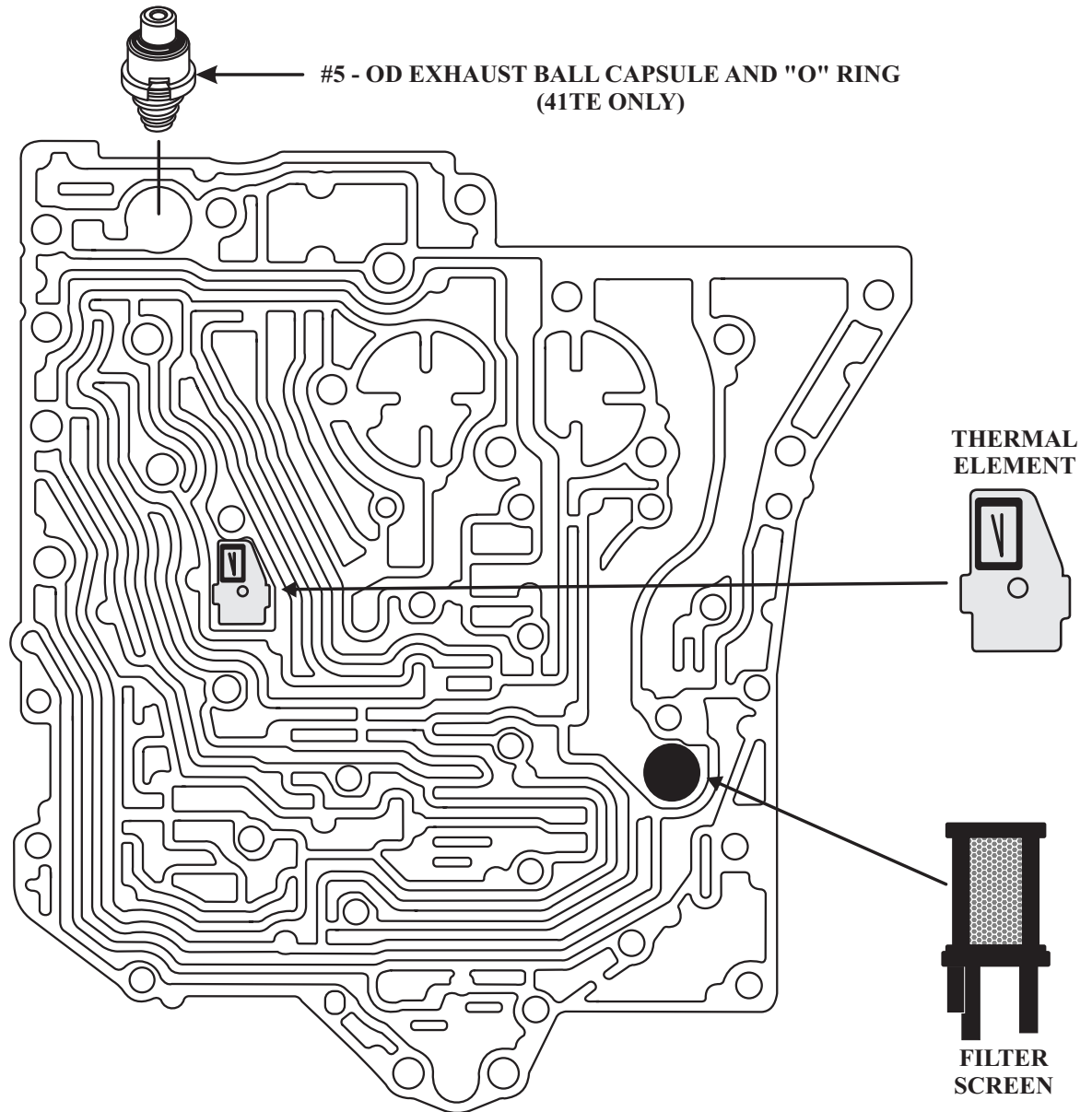


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Figure 2

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 3 & 4 CHECK BALL TRANSFER PLATE

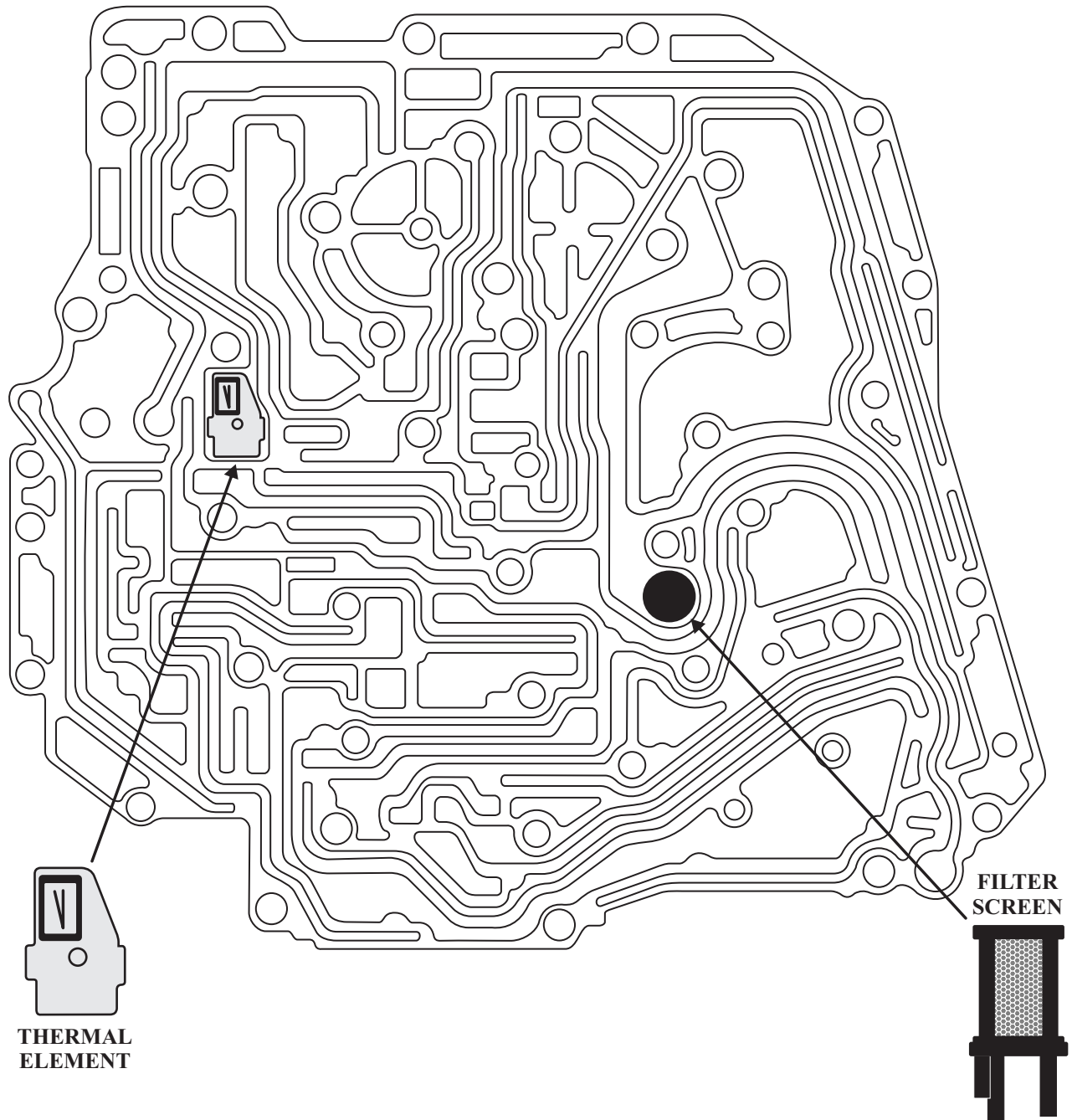


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Figure 3

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 4 CHECK BALL TRANSFER PLATE (42LE & 42RLE ONLY)

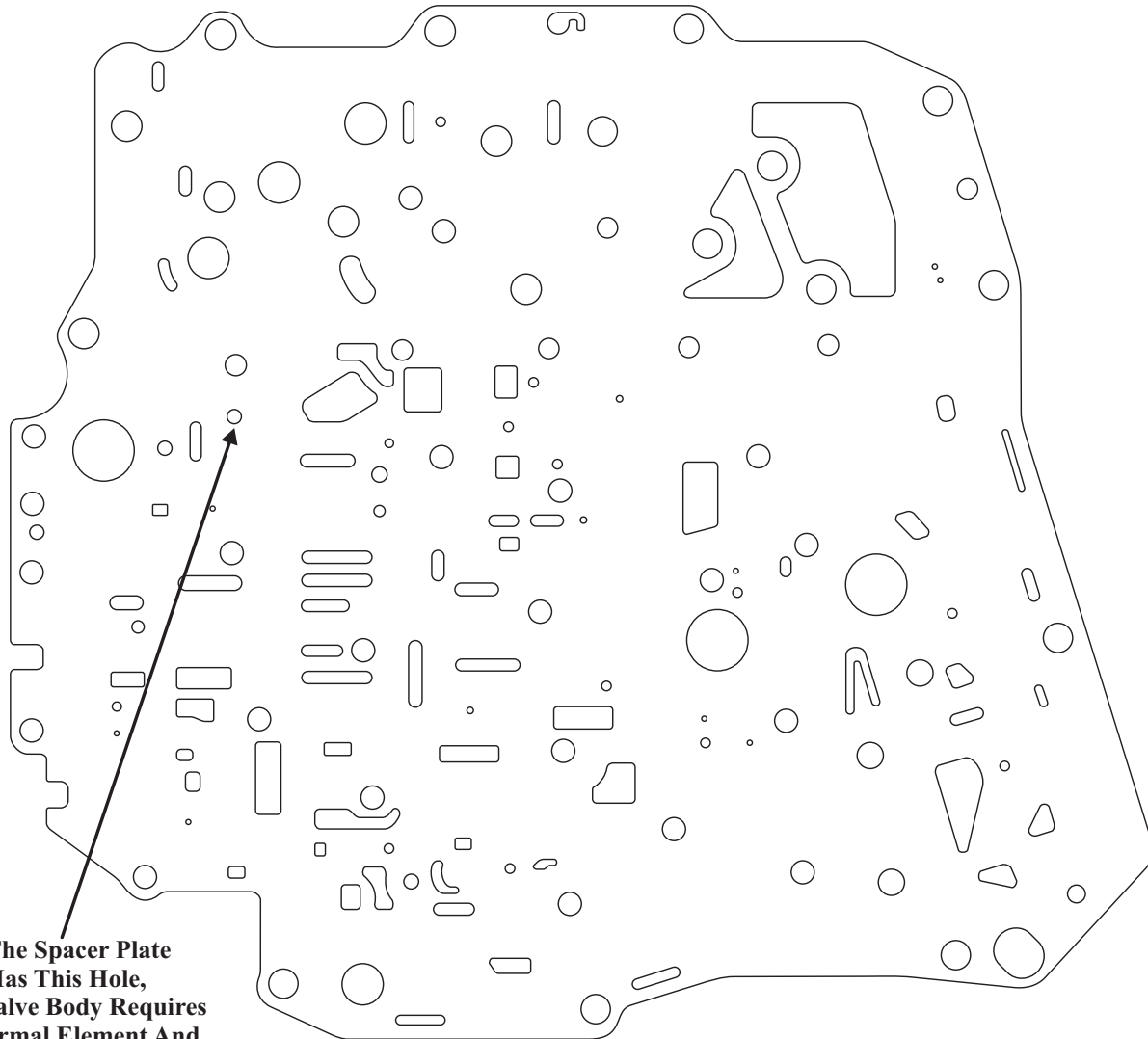


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Figure 4

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 4 CHECK BALL SPACER PLATE (42LE & 42RLE ONLY)



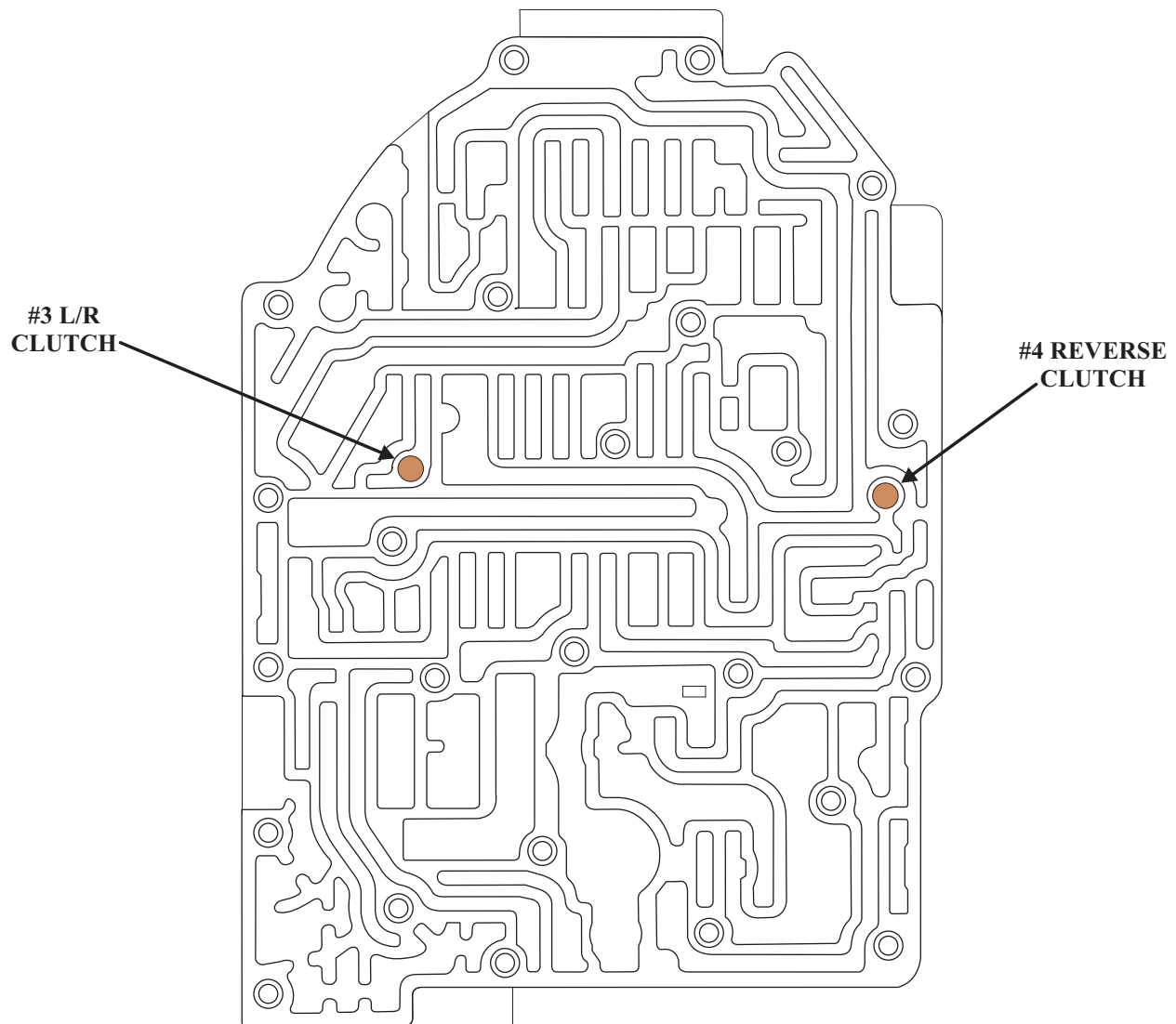
If The Spacer Plate  
Has This Hole,  
This Valve Body Requires  
A Thermal Element And  
The #2 Check Ball

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Figure 5

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 2 CHECK BALL VALVE BODY

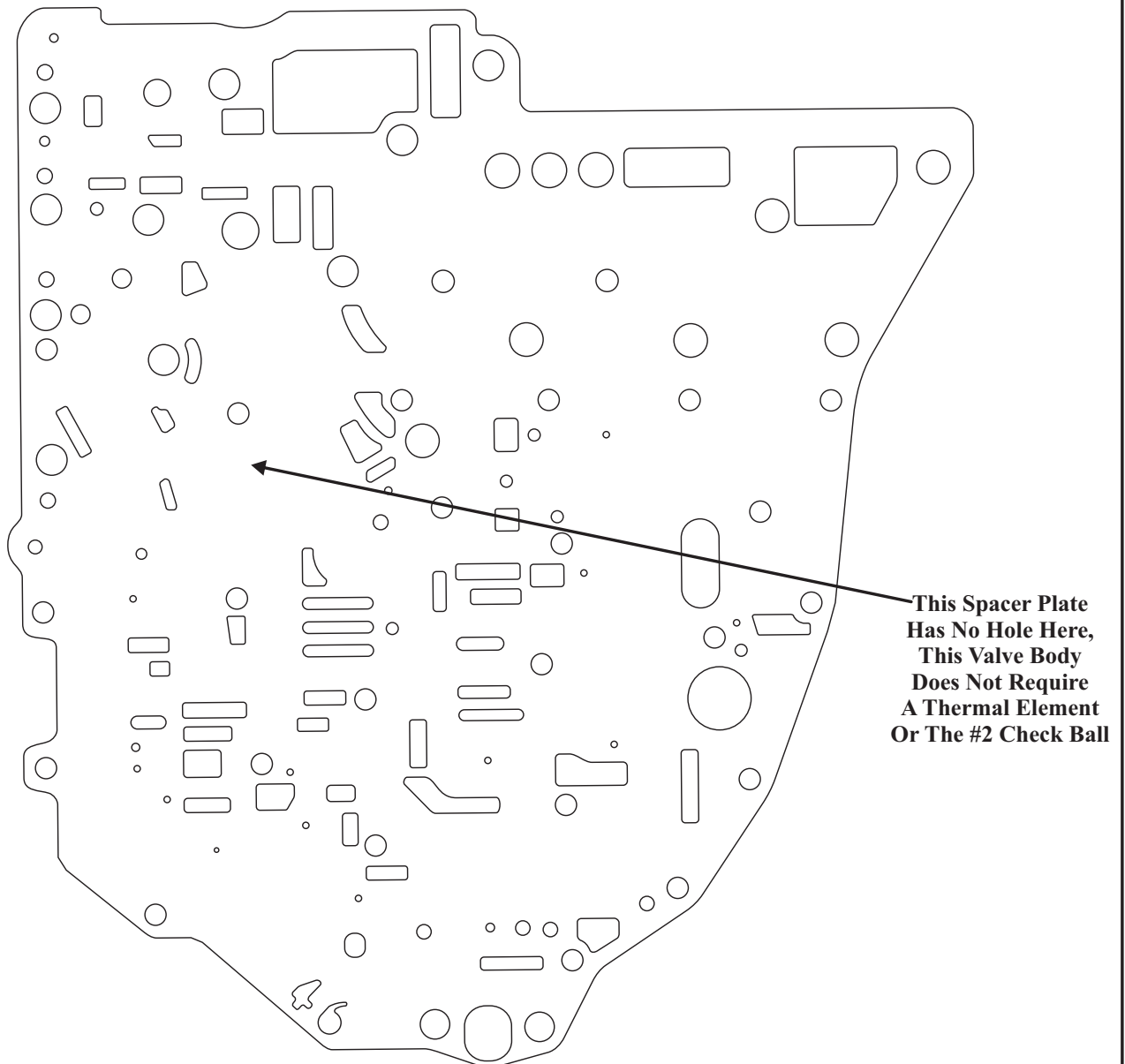


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Figure 6

## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 2 CHECK BALL SPACER PLATE



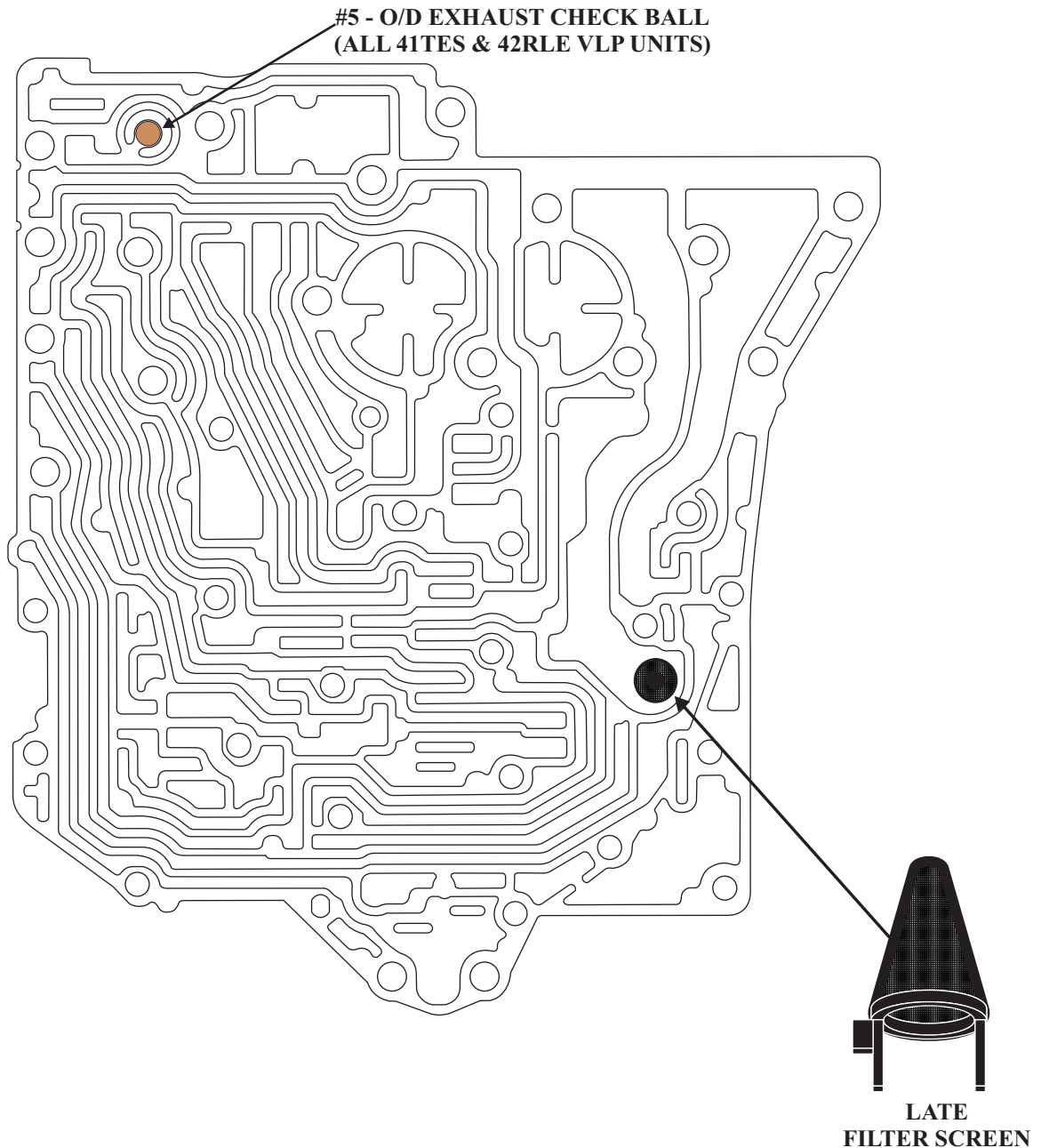
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Figure 7



## CHRYSLER 4 SPEED FWD CHECK BALL & SMALL PARTS LOCATIONS

### 2 CHECK BALL TRANSFER PLATE



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Figure 8