



# Technical Service Information

## **CHRYSLER A904(30RH), A999(32RH), CHRYSLER A500(42RH), A500SE(42RE)**

### **VALVE BODY, FRONT PUMP, AND CASE CHANGES FOR 1995**

**CHANGE:** Beginning at the start of production for all 1995 model A904(30RH), A999(32RH), A500(42RH), A500SE(42RE) rear drive transmissions, were built with a new design Front Pump, Valve Body, and a new design Main Case.

**REASON:** To increase pump flow and reduce front pump whine.

#### **PARTS AFFECTED:**

- (1) FRONT PUMP ASSEMBLY - Has an additional inlet port in the pump cover for the 95/96 model year, as shown in Figure 1, to accommodate the changes in the main case. The pump body also recieved casting changes to enlarge the pump suction flow area.
- (2) MAIN CASE - The rib in the case front pump face area, between the inlet ports was removed, as shown in Figure 2.  
The inlet port on the valve body side was also enlarged which required casting changes, and is shown in Figure 4.
- (3) VALVE BODY - Casting changes were necessary to enlarge the valve body inlet port in the transfer plate, as shown in Figure 3, to accommodate the case changes.
- (4) SPACER PLATE - Inlet port made larger to accommodate the valve body transfer plate changes, as shown in Figure 3.
- (5) PUMP GASKET - Added hole in the pump gasket to accommodate the changes to the pump assembly and the main case, as shown in Figure 5.

#### **INTERCHANGEABILITY:**

***None of these components are interchangeable with previous model components!***

To ensure that the correct components have been installed, check the valve body to case interface after installation, to ensure that the seam of the valve body and case are identical.

***Note: The pump gasket will retro-Jit back to all previous models, and the pump body and pump cover will retro-fit back, when used as a complete assembly, with the new gasket.***

#### **SERVICE INFORMATION:**

Oil Pump Body Assembly (New Design).....	52118267
Reaction Shaft and Support Assembly, L/U (New Design).....	52118297
Reaction Shaft and Support Assembly, NLU (New Design) .....	3836511
Oil Pump Assembly Complete, Lock Up (New Design) .....	4778552
Oil Pump Assembly Complete, Non Lock Up (New Design) .....	4778553
Oil Pump to Case Gasket (New Design) .....	52118266

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Figure 1

# AUTOMATIC TRANSMISSION SERVICE GROUP

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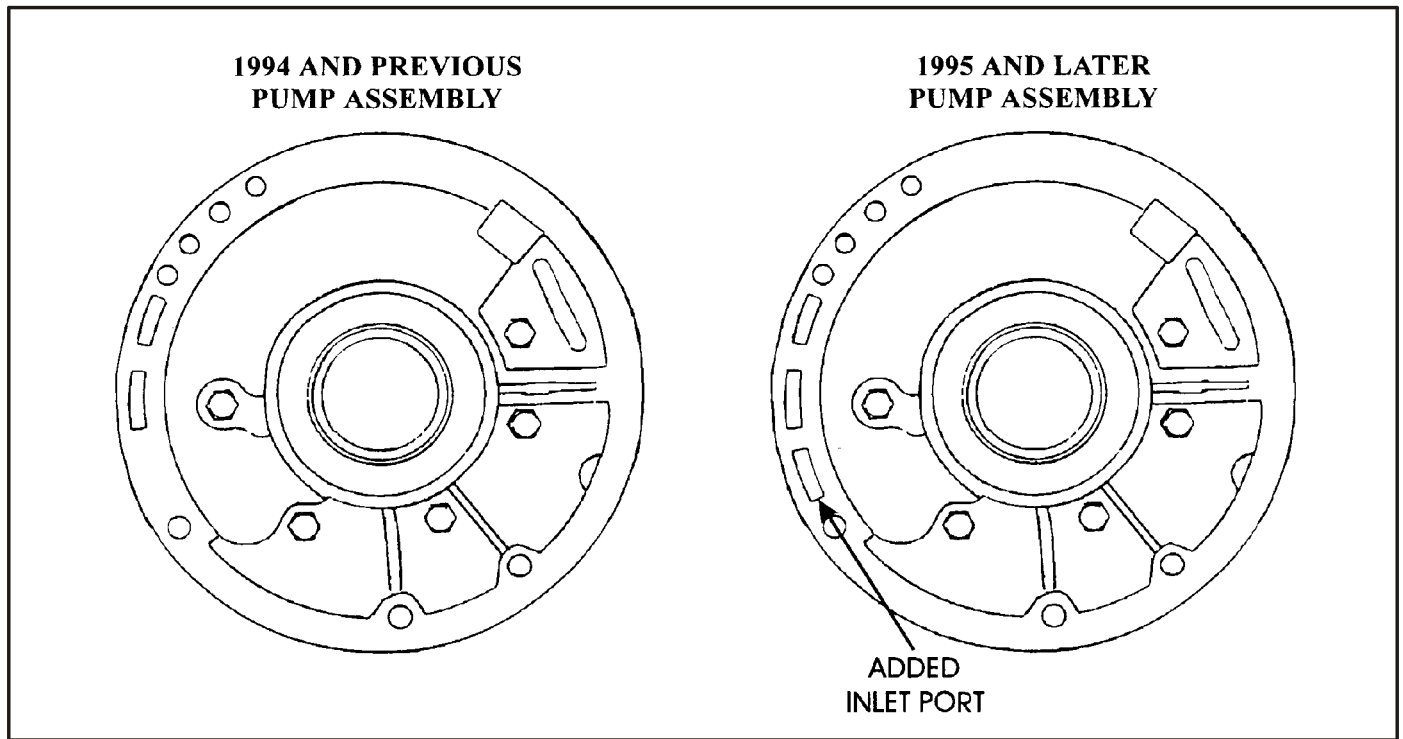


Figure 1

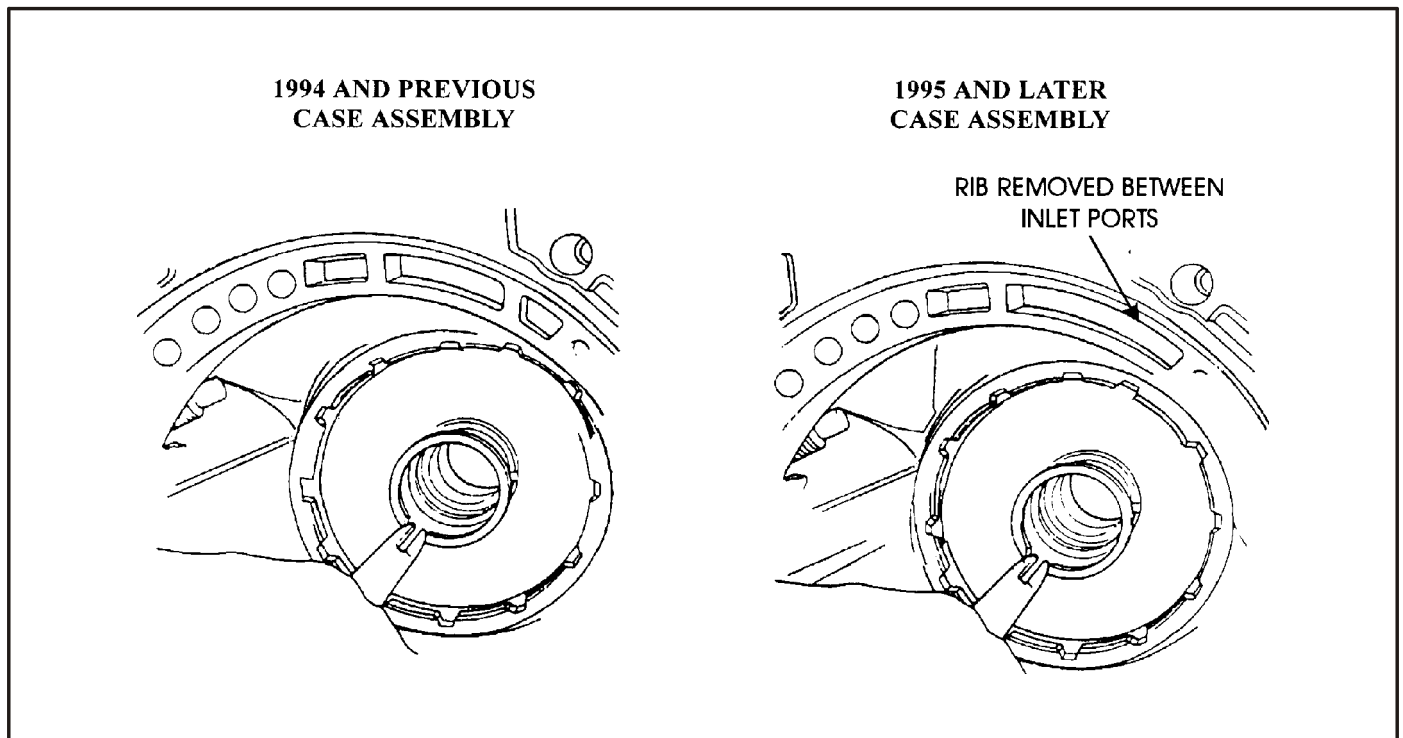


Figure 2

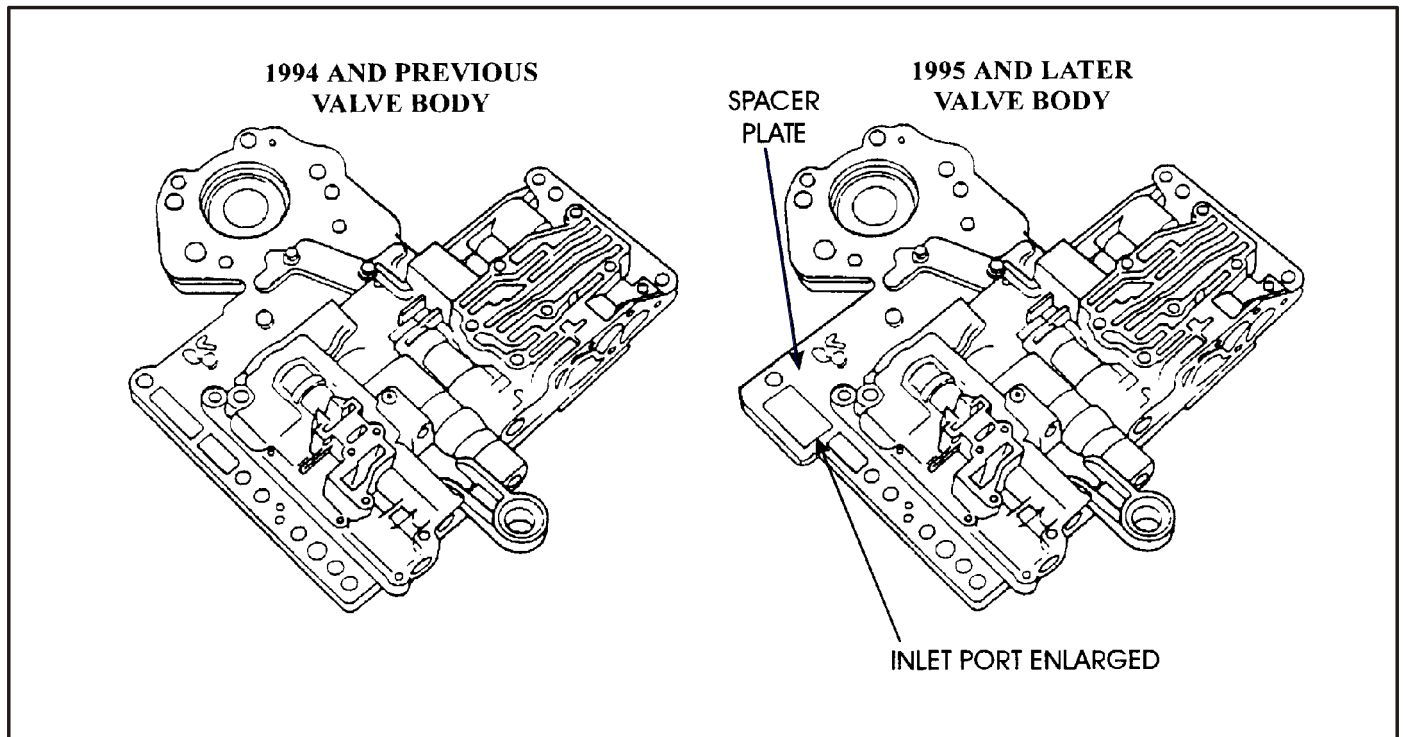


Figure 3

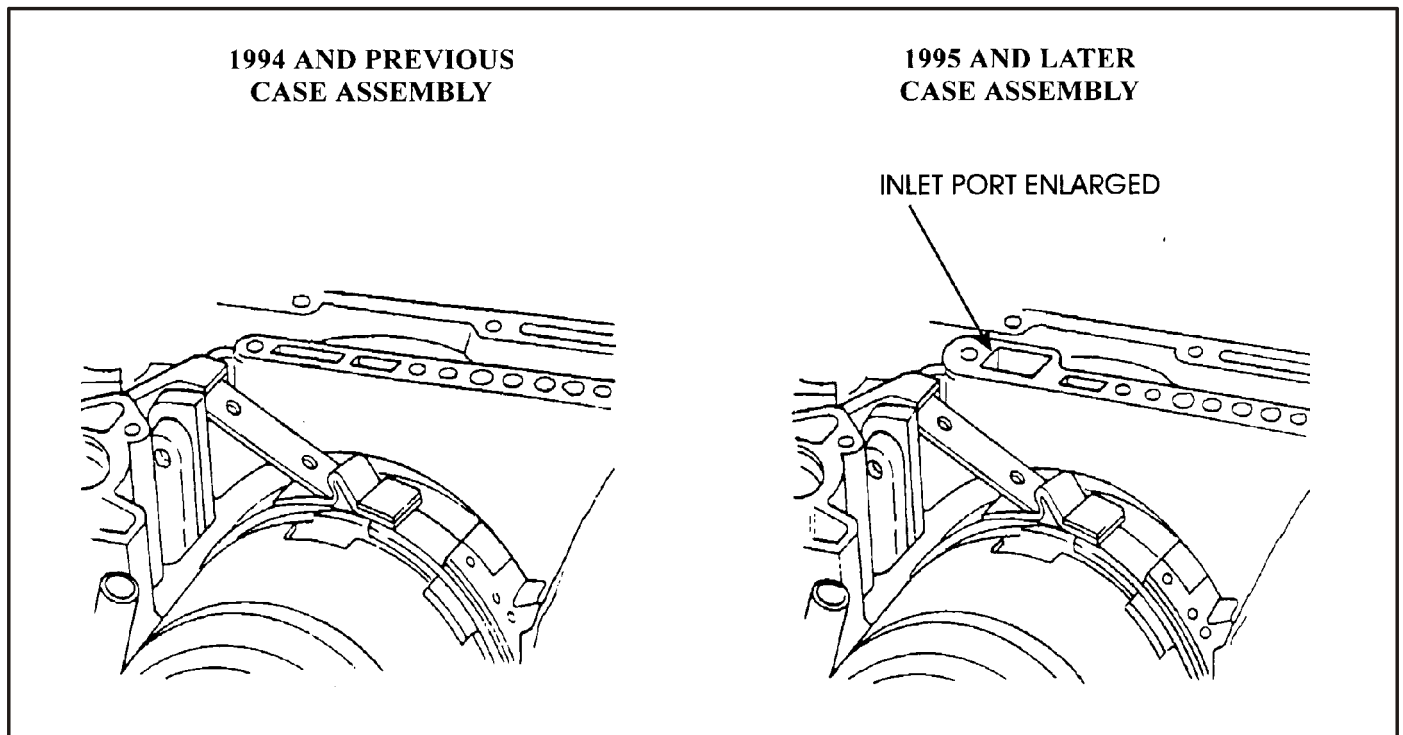
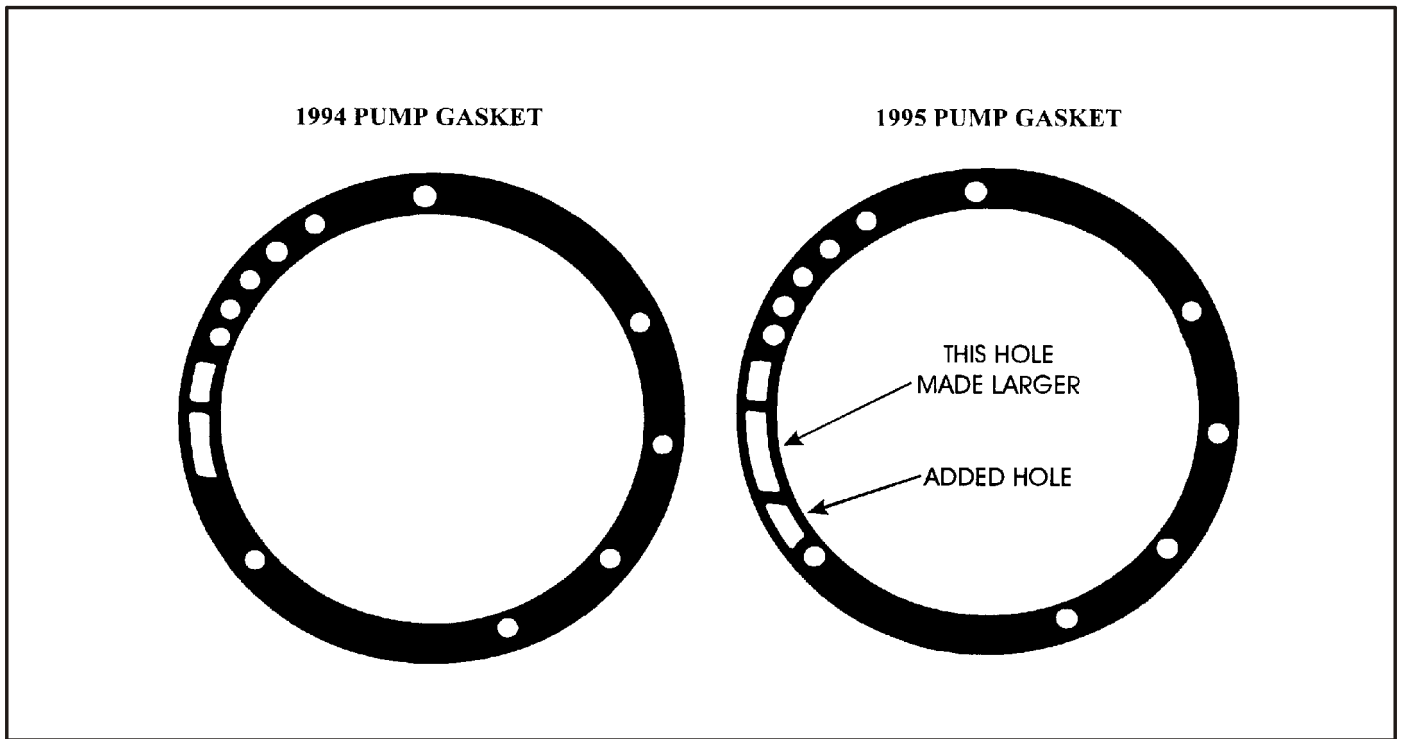


Figure 4



**Figure 5**