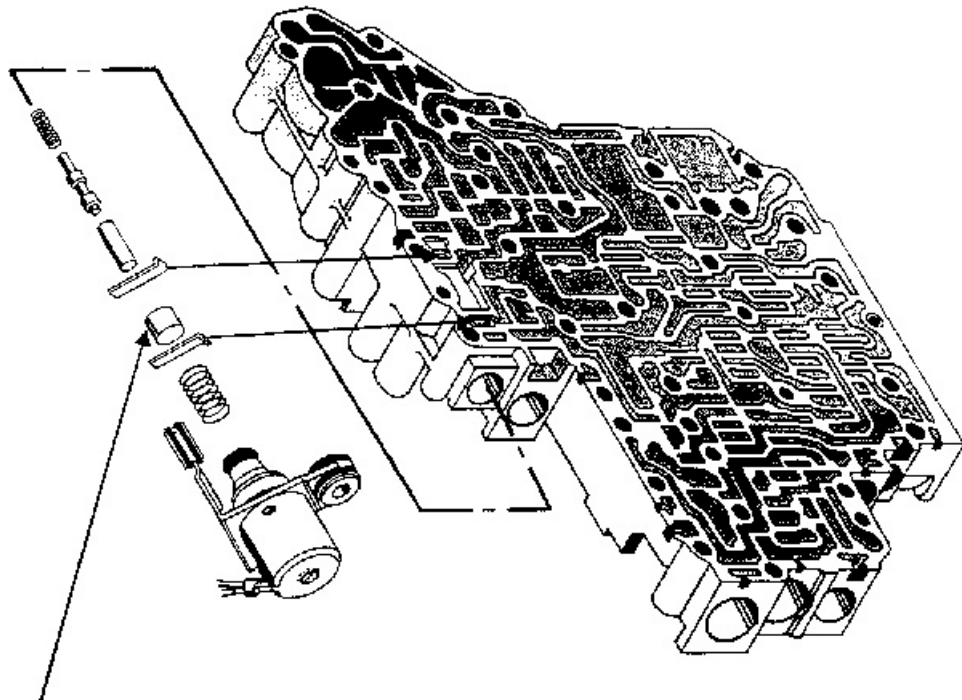


## NISSAN QUEST RE4FO4A FORD 4F20E VILLAGER SOFT OR FLARED UP-SHIFTS AFTER OVERHAUL

- COMPLAINT:** After overhaul, the transaxle may exhibit soft and/or flared up-shifts, and may display a chatter on take off.
- CAUSE:** One cause may be, a mis-located bore plug in the valve body where the pressure control solenoid is located (See Figure 1). This will allow all boost oil to exhaust through the keeper slot, preventing the line pressure solenoid from having any oil to control line pressure rise.
- CORRECTION:** Install the keeper in the valve body, THEN THE BORE PLUG, then the spring and the pressure control solenoid, as shown in Figure 2. This bore plug acts as a wall to contain the oil which the pressure control solenoid uses to raise line pressure. The only purpose of the spring between the bore plug and solenoid, is to prevent the bore plug from walking towards the solenoid and blocking oil from reaching the pressure control solenoid. Install the line-up as shown in Figure 2.



**INCORRECT BORE PLUG LOCATION**

Figure 1