



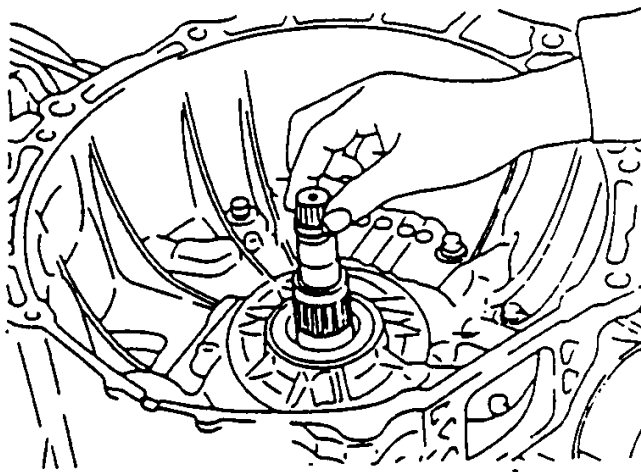
Technical Service Information

NISSAN RL4F02A LOCK-UP SHUDDER

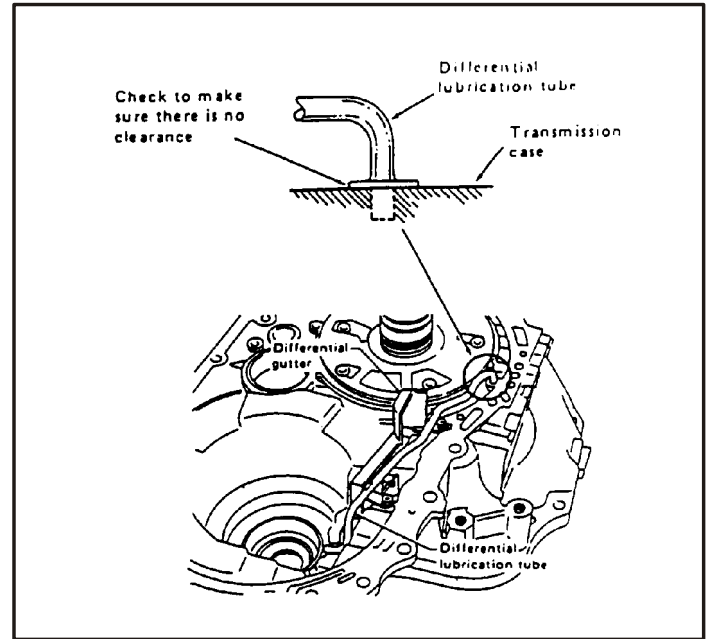
APPLIED MODELS: 1985-1987 Maxima SERVICE INFORMATION

Some of the Applied Model vehicles equipped with the RL4F02A automatic transaxle may exhibit a noticeable vibration (shudder) when transaxle lock-up occurs. The shudder occurs mainly when the vehicle is in overdrive and when throttle position is 1/8 to 3/8 open. The shudder will either not occur, or will stop if throttle position is markedly increased. If the above condition exists, use the following procedure to diagnose incident vehicles.

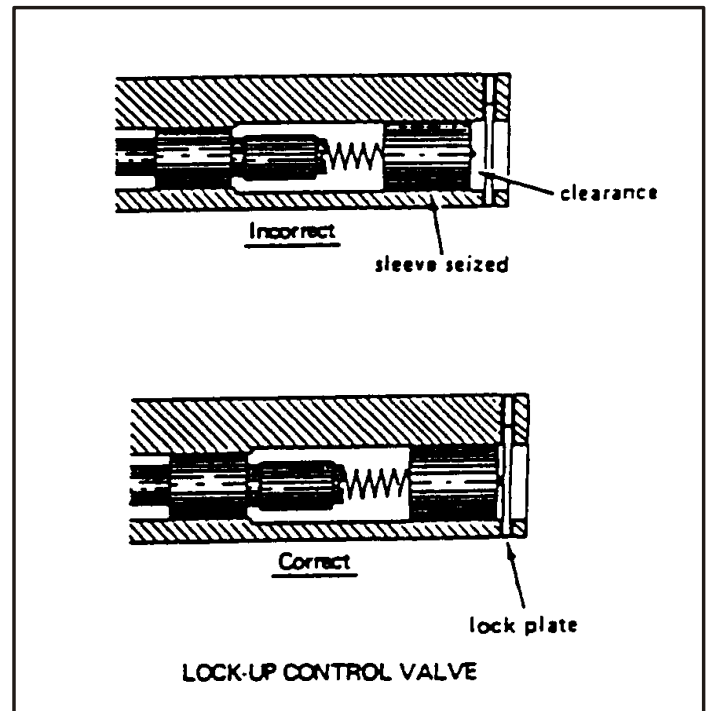
Refer to the appropriate Service Manual and check for proper throttle wire adjustment. Adjust as necessary. Road test again. If the "shudder" incident still exists, remove the transmission from the vehicle and perform the following inspections and repairs.



2. Differential lubrication tube. The tube should have an interference fit into the transmission case. If the tube is loose or broken, replace it with a new tube, (part number 31328-21X03).



3. Check to make sure the lock up control sleeve is not seized in the control valve body. Also, check to make sure no other valves are seized in the valve body. Clean, lubricate and check all components in the control valve body as necessary.

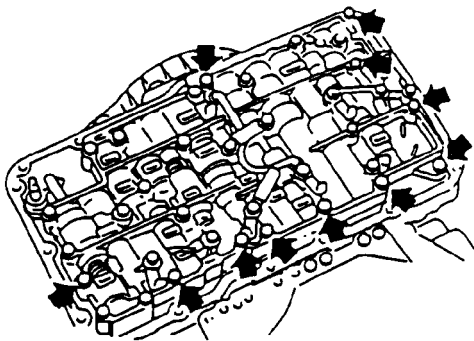


4. Replace the 2-3 shift valve and the 4th speed cut spring with new parts. (See chart on page 3/4.)



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- 5. Check for any metal flakes or friction material in the transmission. Find the source of the material and replace the worn parts. If necessary, flush the unit and replace the automatic transmission fluid.
- 6. Make sure all of the control valve fixing bolts are torqued to specification.



PART NAME	PART NUMBER	
	NEW	FORMER
Differential Lubrication Tube	31328-21X03	31328-21X01
2-3 Shift Valve	31766-21X09	31766-21X07
4th Speed Cut Spring	31736-01X01	31742-21X06