



SERVICE BULLETIN

| | | |
|-----------------------------|-------------------------|----------------------------|
| Classification: AT96-010 | Reference: NTB96-110 | Date: December 23, 1996 |
|-----------------------------|-------------------------|----------------------------|

RE4F04A AND RE4F04V AUTOMATIC TRANSMISSION (A/T) - SOLENOID VALVE REPLACEMENT PROCEDURES

APPLIED VEHICLE(S): 1992-94 Maxima (J30)
1995-97 Maxima (A32)
1993-97 Quest (V40)
1993-97 Altima (U13)

SERVICE INFORMATION

The RE4F04A and RE4F04V A/T are equipped with five solenoid valves as shown in Figure 1. Perform the Service Procedure beginning on page 2 whenever the solenoid valve assembly is replaced.

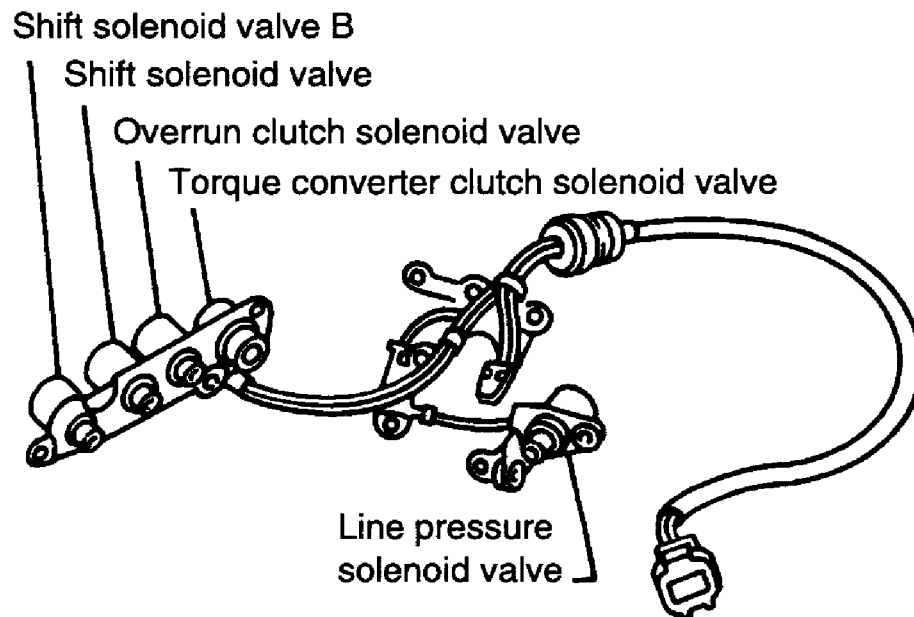


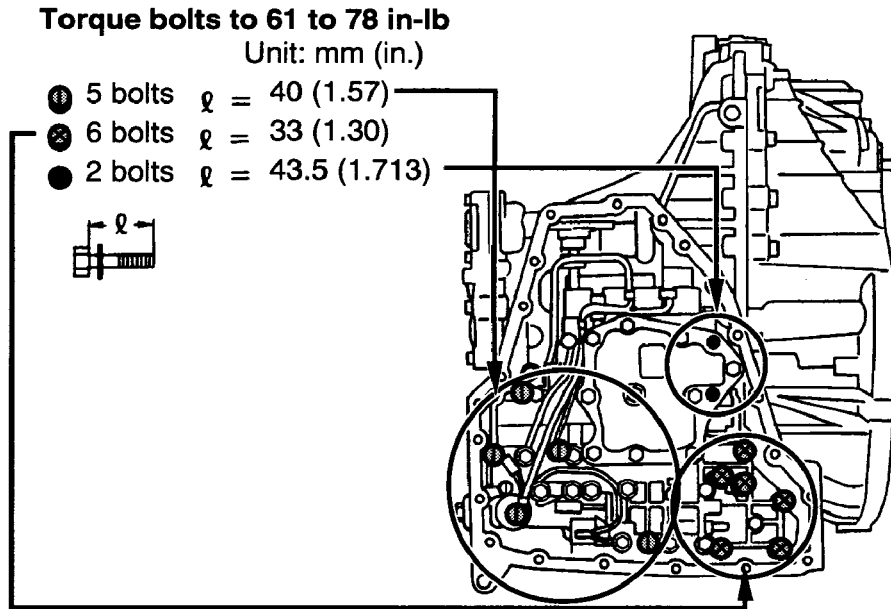
Figure 1

TC960941

Service Procedure

1. Remove the thirteen, 10 mm bolts holding the control valve assembly to the transmission. Remove the control valve assembly (Figure 2).

CAUTION: The control valve assembly **must be removed prior** to removing the solenoid valve assembly. If the solenoid valve assembly is replaced without removing the control valve assembly the transmission will develop unusual shifting.

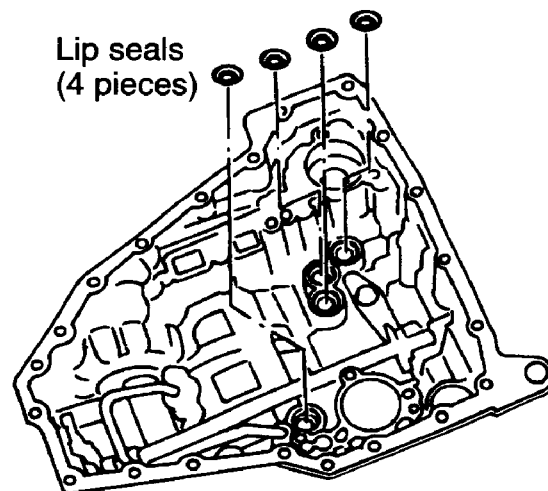


TC960942

Figure 2

2. Remove the two solenoid valve assembly retaining bolts and remove the solenoid valve assembly.
3. Install the new solenoid valve assembly into the control valve assembly.

CAUTION: The four O-rings (lip seals) behind the solenoid valve assembly must be reinstalled to their original locations. Out-of-position or cut lip seals will cause unusual shifting incidents.



TC960943

Figure 3

4. Torque the two solenoid valve assembly retaining bolts to **61-78 in-lb** as shown in Figure 4.

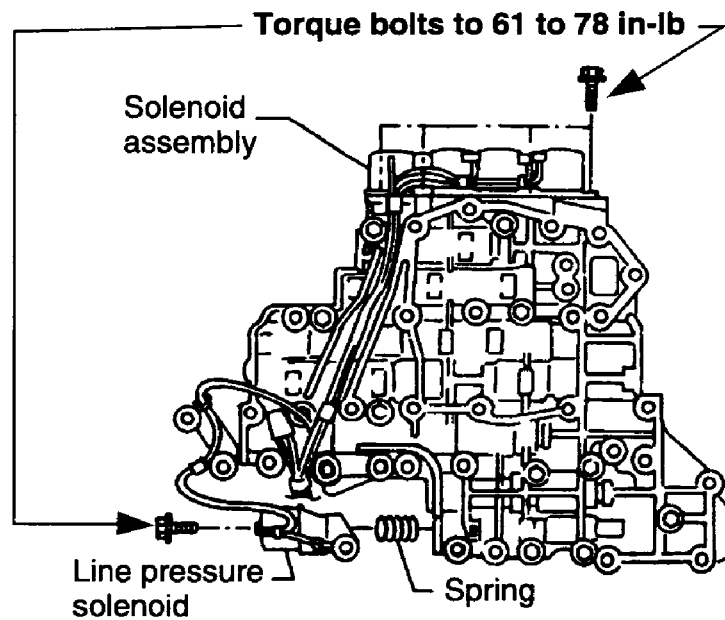


Figure 4

TC960945

5. Reinstall the control valve assembly and torque the thirteen retaining bolts to **61-78 in-lb**. Note the different bolt lengths and locations shown in Figure 2.