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1998 FORD Escort Cabrio OEM Service and Repair Workshop Manual

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Sample



Main Control Valve Body

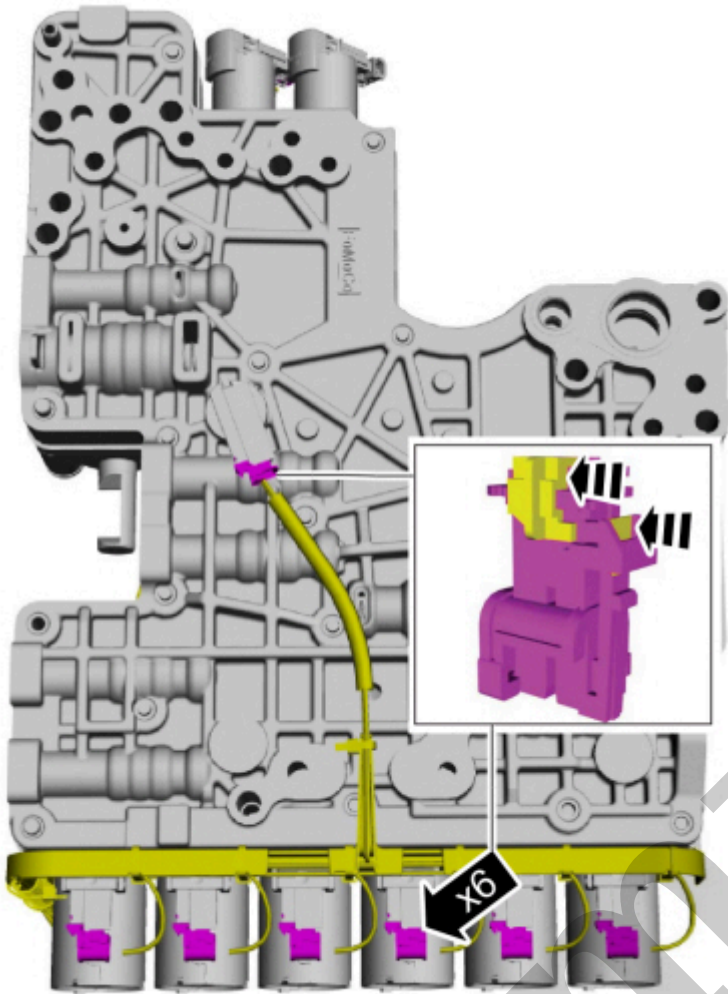
307-01A Automatic Transmission - 10-Speed Automatic Transmission - 10R80	2022 F-150
Overhaul	Procedure revision date: 03/2/2022

Main Control Valve Body

1. For solenoid and valve identification.

Refer to: [Main Control Valve Body](#)(307-01B Automatic Transmission - 10-Speed Automatic Transmission - 10R80 MHT, Description and Operation).

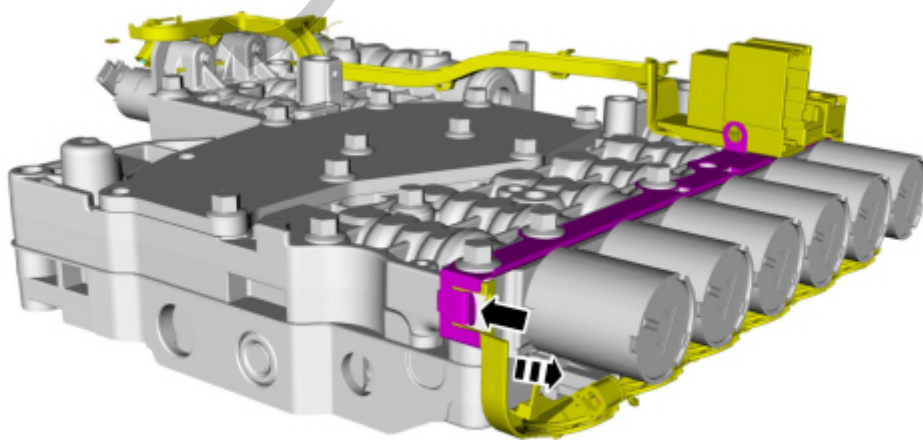
2. Disconnect the internal wiring harness.
 1. Slide the plastic lock to the unlock position. While pressing the plastic tabs, disconnect the electrical connectors.
 2. Remove internal wiring harness retaining bolt.
 3. Disconnect the internal wiring harness retainer.



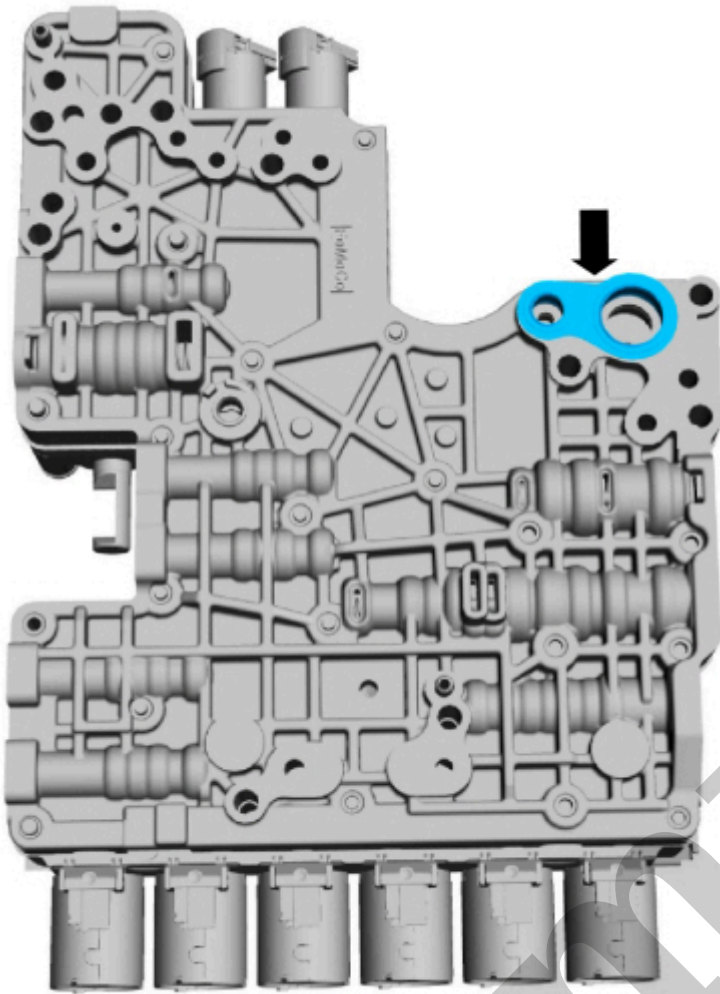
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4. Release the retainer and remove the internal wiring harness assembly.



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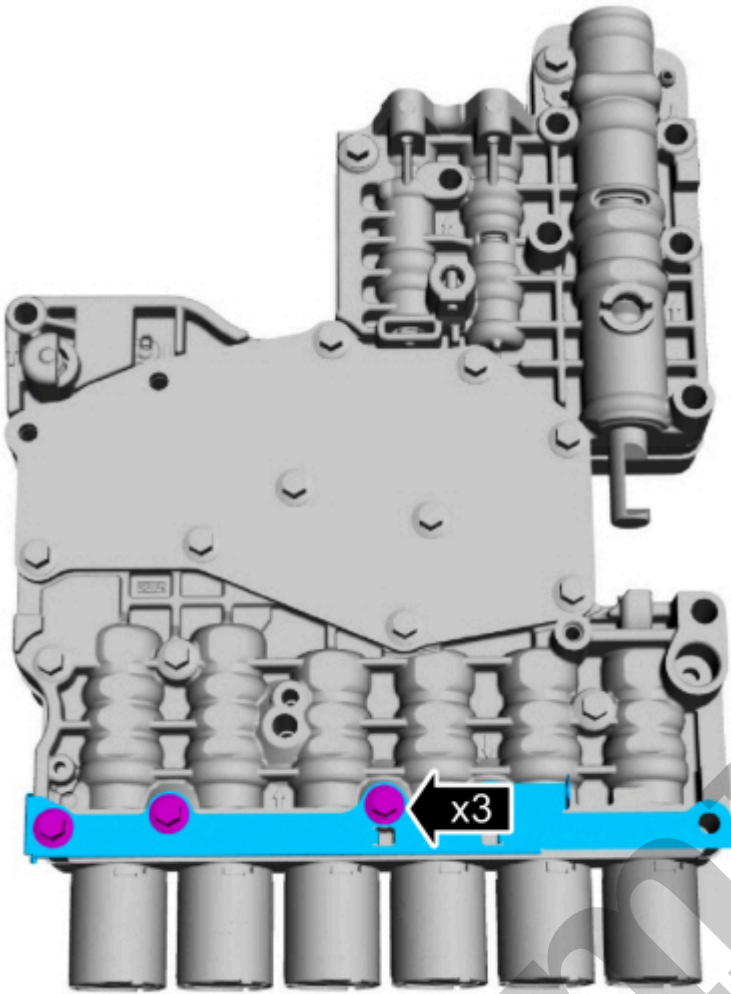
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7. **NOTE**

The orientation of the solenoids before removal.

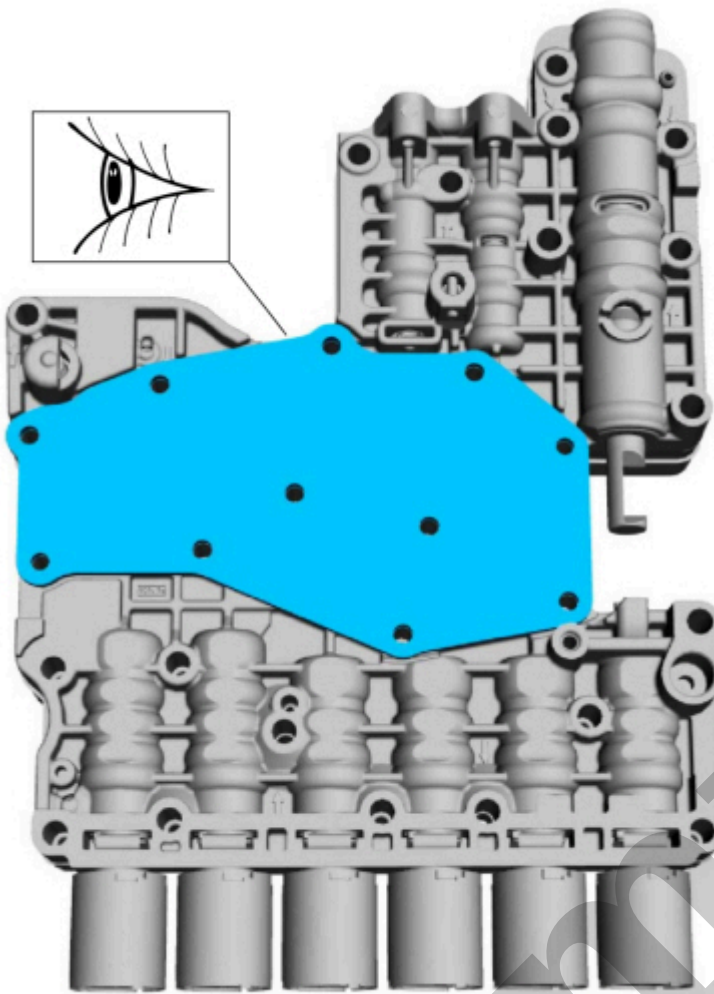
1. Remove the bolts and the park lock pawl solenoid.
2. Remove and discard the bolts. Remove the solenoid retaining plate, TCC (torque converter clutch) solenoid and the LPC (line pressure control) solenoid.



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9. Remove the valve body bolts.



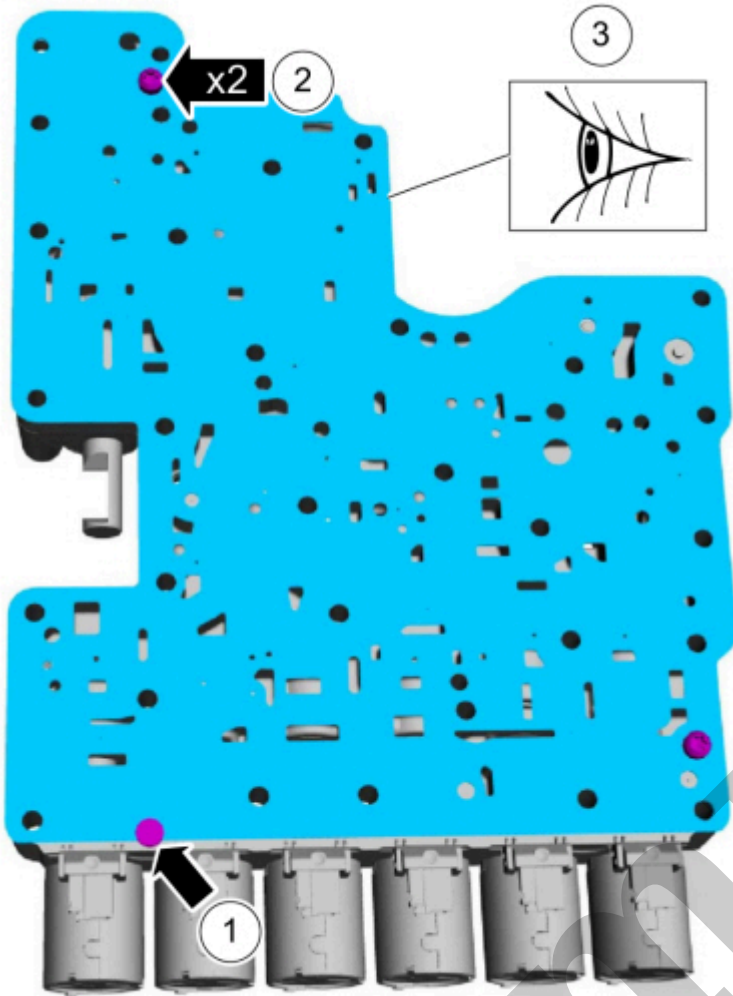
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11. NOTICE

Many components and surfaces in the main control valve body are precision machined. Use care when handling the upper and lower valve body or damage can occur to the machined surfaces.

Separate the upper valve body from the lower valve body.



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13. **NOTE**

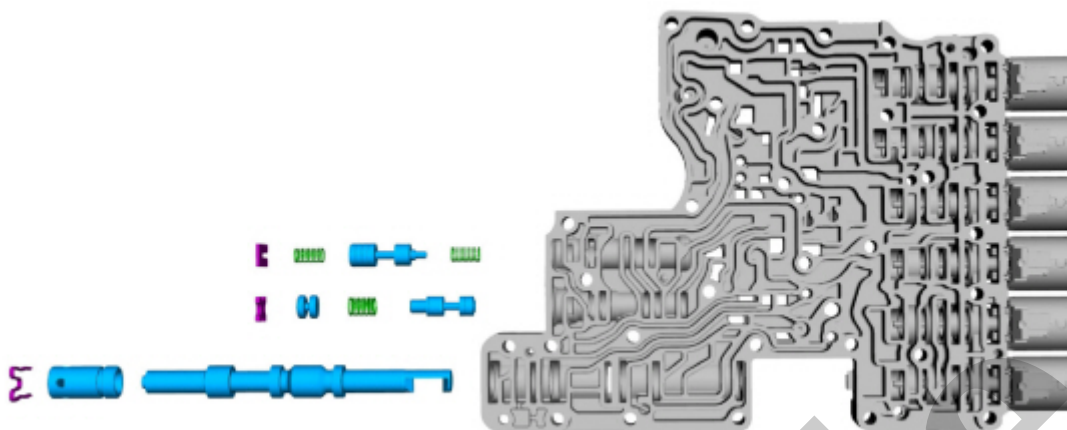
The orientation of the valves and springs.

Remove the following items:

1. LPC (line pressure control) damper assembly
2. Clutch exhaust check valve
3. Transmission fluid auxiliary pump check valve
4. Torque converter anti-drainback valve

transmission.

Remove the retaining clips, cap, valves and valve springs from each bore of the valve body assembly.



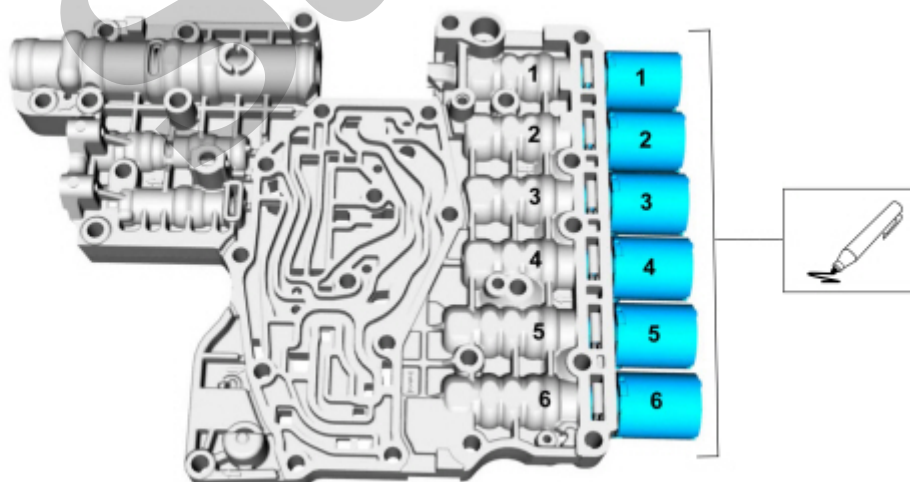
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16. NOTICE

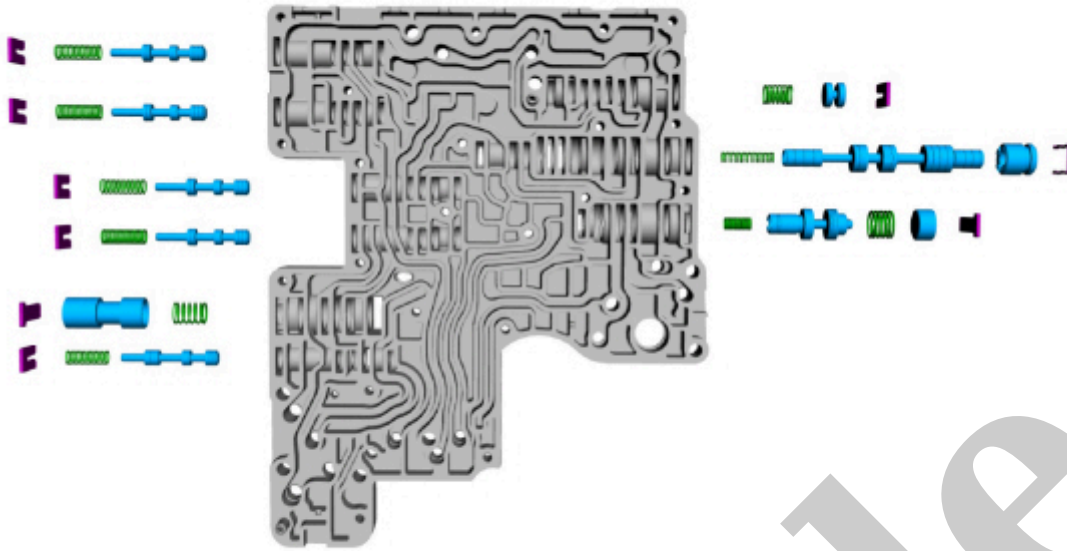
Solenoids and clutch control valves may visually appear the same but they are calibrated from the factory and are not all the same. Use care not to assemble the main control assembly incorrectly. Incorrect solenoid and clutch control valve installation results in poor transmission shift quality.

Number the solenoids 1 through 6 and number the main control solenoid ports 1 through 6 to correspond to the solenoids.



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E330201

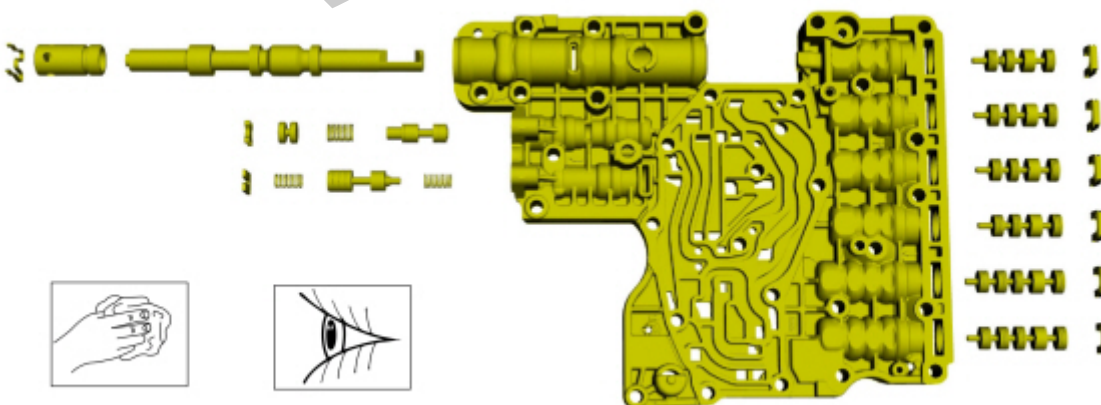
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Upper and Lower Valve Body

19. NOTICE

Many components and surfaces in the main control valve body are precision machined. Use care when cleaning the lower valve body or damage can occur to the machined surfaces.

Clean and inspect the lower valve body for damage. Inspect the passages and valves for damage and clean any excessive debris. Install a new component if necessary.



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