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1997 FORD Escort 4 Doors OEM Service and Repair Workshop Manual

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The solenoid body strategy data file and solenoid body identification must be updated anytime a new main control valve body is installed. A new main control valve body service tag must be installed over the current main control valve body service tag on the transmission case.

If a new main control valve body was installed, download a new transmission strategy.

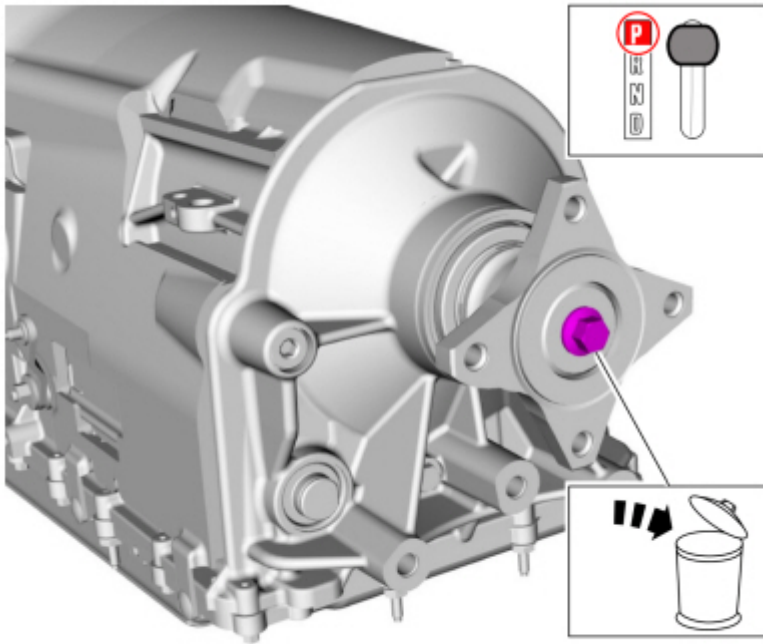
Refer to: [Transmission Strategy Download](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission – 10R80, General Procedures).

11. If a main control valve body overhaul was carried out or a new SS (shift solenoid) was installed, carry out the adaptive learning drive cycle procedure.

Refer to: [Adaptive Learning Drive Cycle](#)(307-01B Automatic Transmission - 10-Speed Automatic Transmission – 10R80 MHT, General Procedures).

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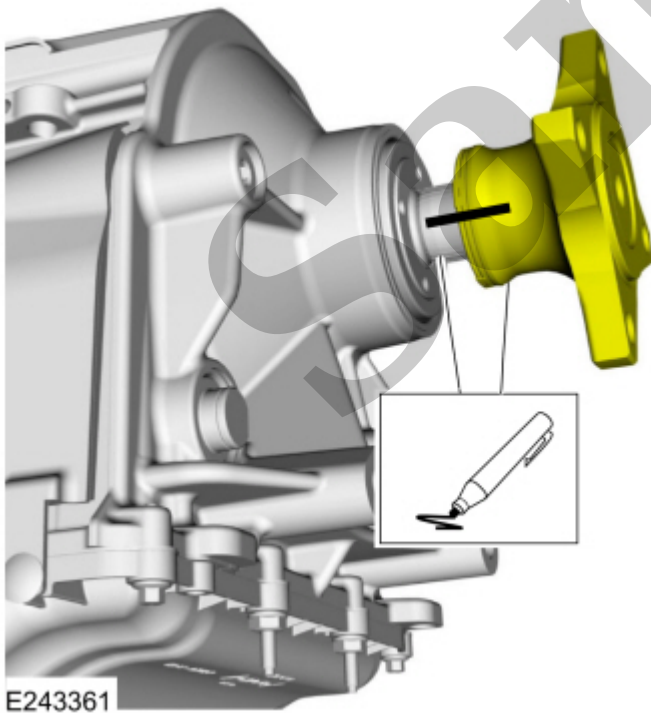
Sample



E243362

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4. Slide the output shaft flange back to index mark the output shaft to the flange.

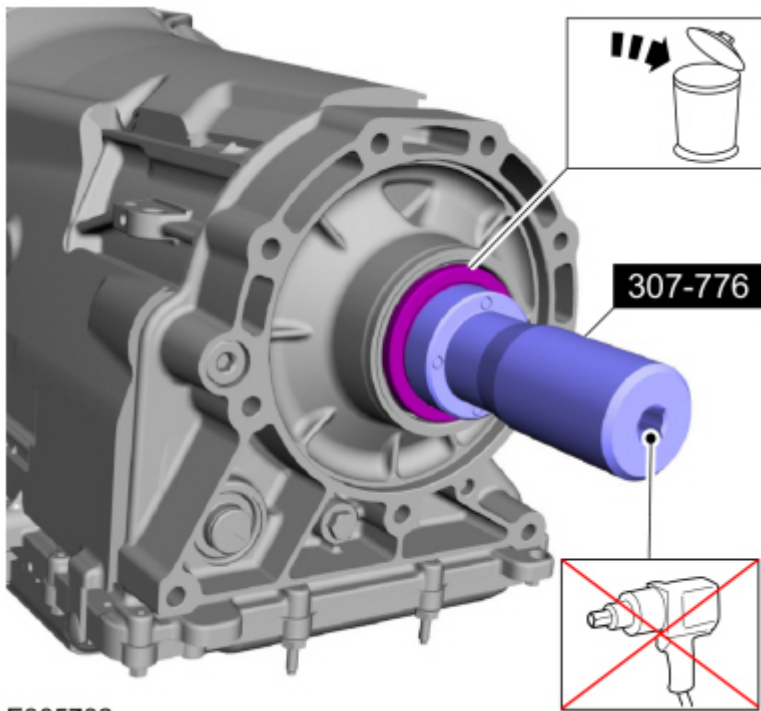


E243361

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5. Remove the output shaft flange.

Use Special Service Tool : 307-776 Socket, Outputshaft Locknut



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Four-Wheel Drive (4WD) vehicles

8. Remove the transfer case assembly.

Refer to: [Transfer Case](#)(307-07B Transfer Case, Removal).

All vehicles

9. Using the special tools, remove and discard the output shaft seal (7052).

Use Special Service Tool : 307-309 Remover, Torque Converter Seal , 100-001 (T50T-100-A) Slide Hammer

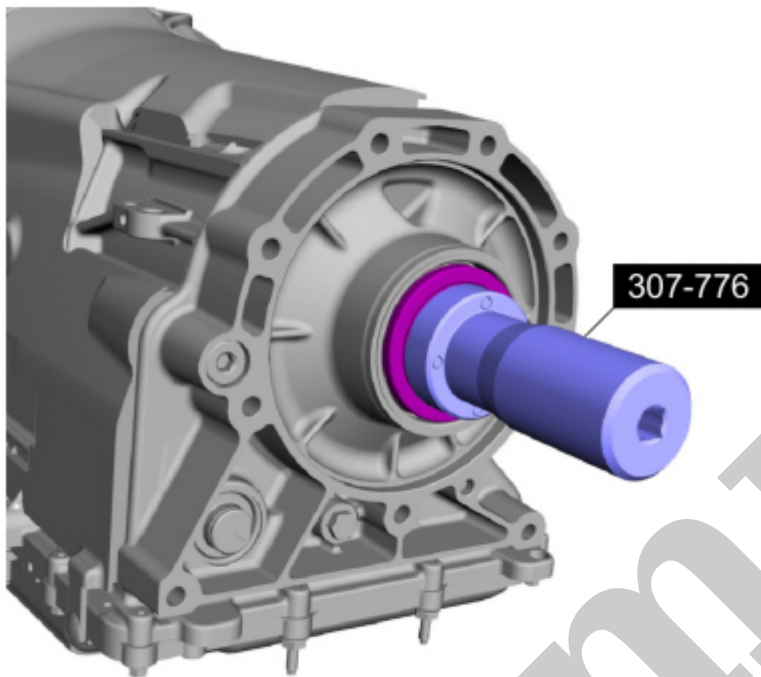
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Rear Wheel Drive (RWD) vehicles

2. Using the special tool, install the new output shaft nut.

Use Special Service Tool : 307-776 Socket, Outputshaft Locknut

Torque : 148 lb.ft (200 Nm)



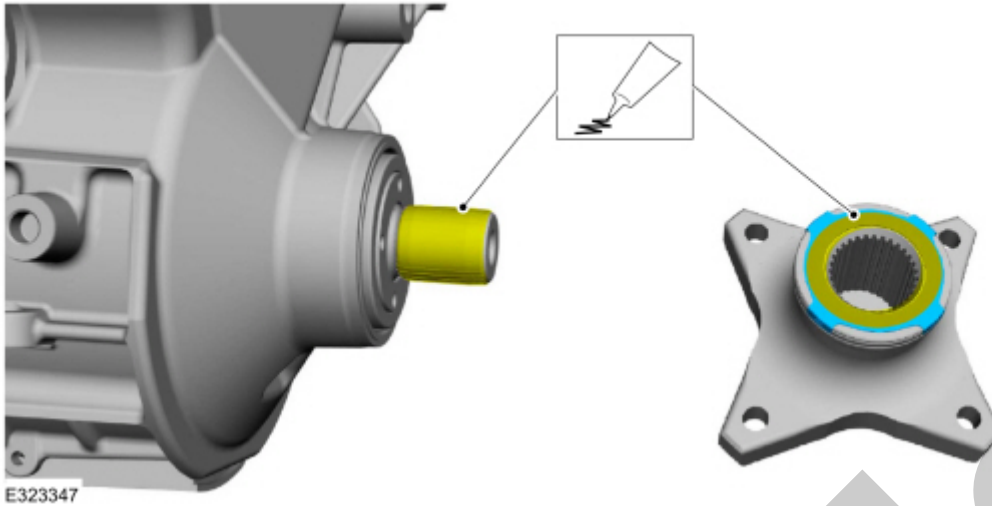
E305842

[Click here to learn about symbols, color coding, and icons used in this manual.](#)

3. Apply a light coating of the lubrication to the back side of the anti-ting ring.

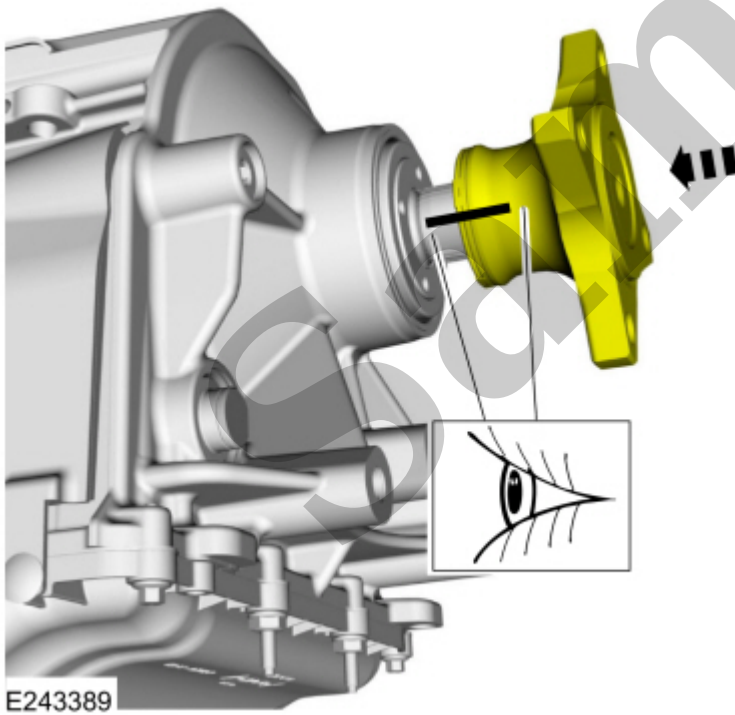
Material : Motorcraft® High Temperature 4x4 Front Axle and Wheel Bearing Grease / XG-11 (WSS-M1C267-A1)

Material : Motorcraft® High Temperature 4x4 Front Axle and Wheel Bearing Grease / XG-11 (WSS-M1C267-A1)



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6. Align the index marks on the output shaft and the output shaft flange made during removal.



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7. Install the new output shaft flange bolt.

Torque : 81 lb.ft (110 Nm)

Output Shaft Speed (OSS) Sensor

307-01A Automatic Transmission - 10-Speed Automatic Transmission - 10R80	2022 F-150
Removal and Installation	Procedure revision date: 03/10/2022

Output Shaft Speed (OSS) Sensor

Removal

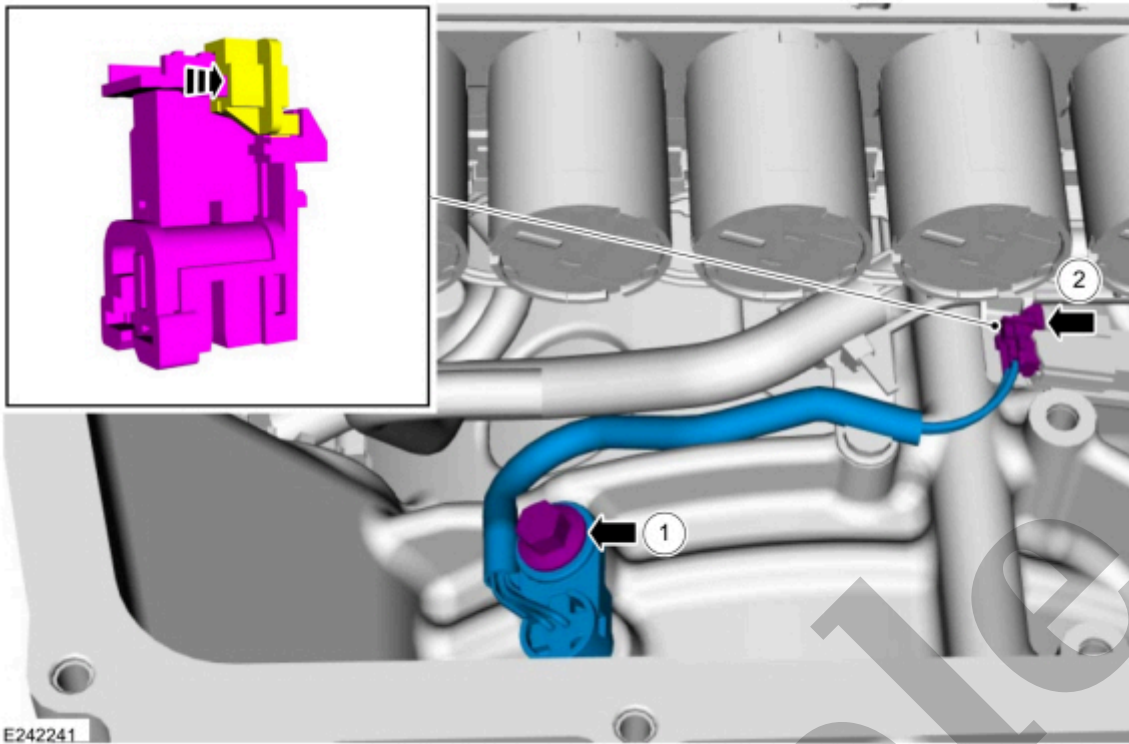
1. Remove the main control valve body.

Refer to: [Main Control Valve Body](#)(307-01A Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Removal and Installation).

2. Remove the OSS (output shaft speed) sensor.

1. Slide the plastic lock to the unlocked position. While pressing the plastic tab, disconnect the electrical connector.

2. Remove the bolt and the OSS (output shaft speed) sensor.

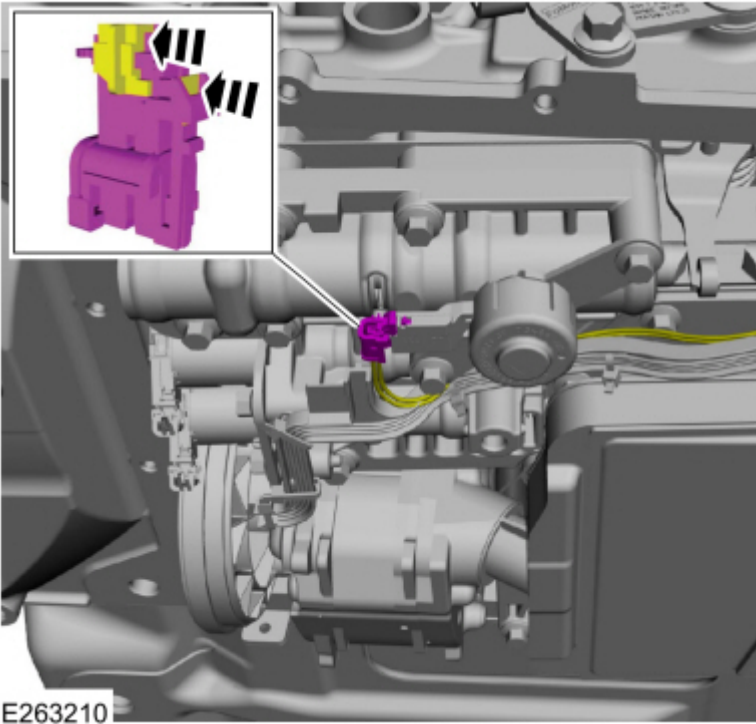


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

2. Install the main control valve body.

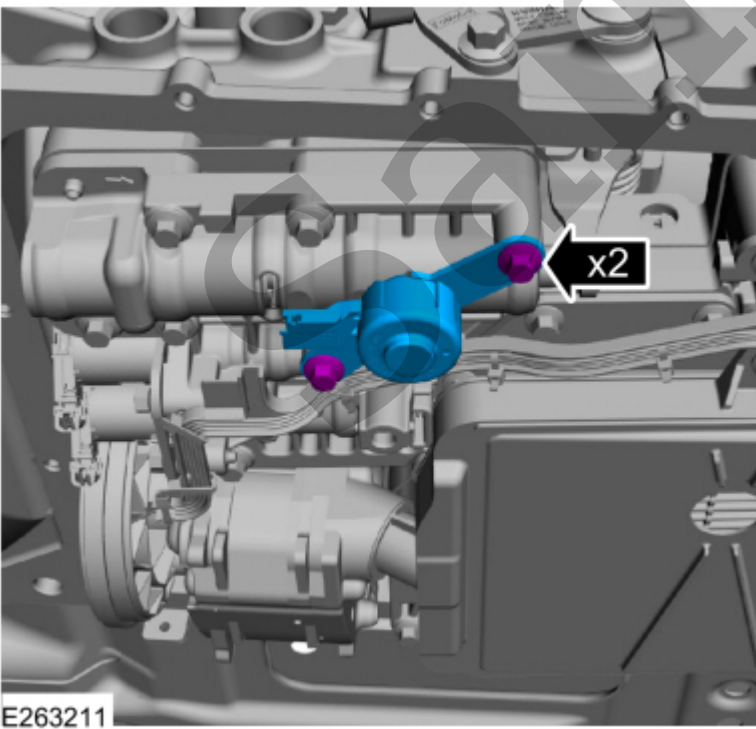
Refer to: [Main Control Valve Body\(307-01A Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Removal and Installation\)](#).

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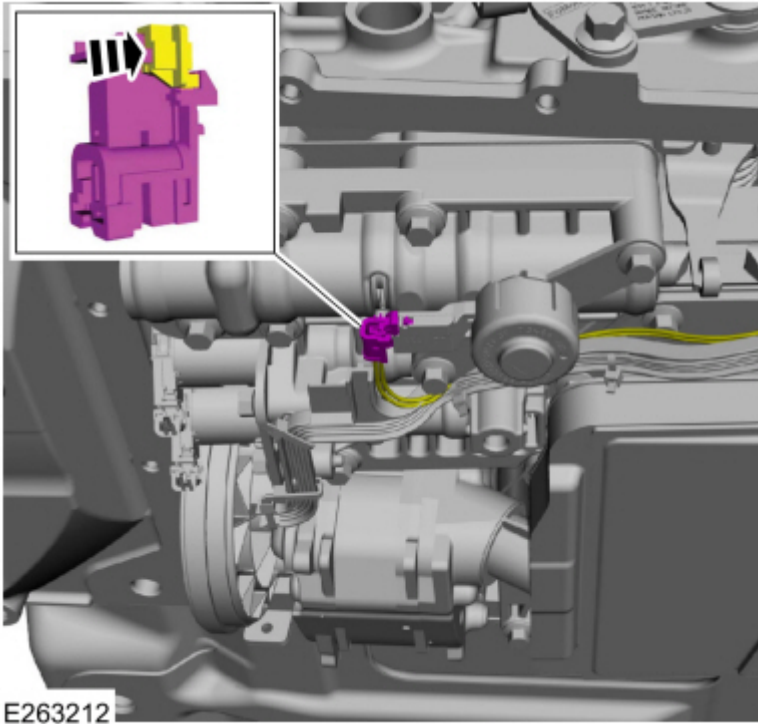
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

3. Remove the bolts and the park lock pawl solenoid.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Installation



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

3. Install the transmission fluid pan, gasket and filter.

Refer to: [Transmission Fluid Pan, Gasket and Filter](#)(307-01B Automatic Transmission - 10-Speed Automatic Transmission – 10R80 MHT, Removal and Installation).

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