

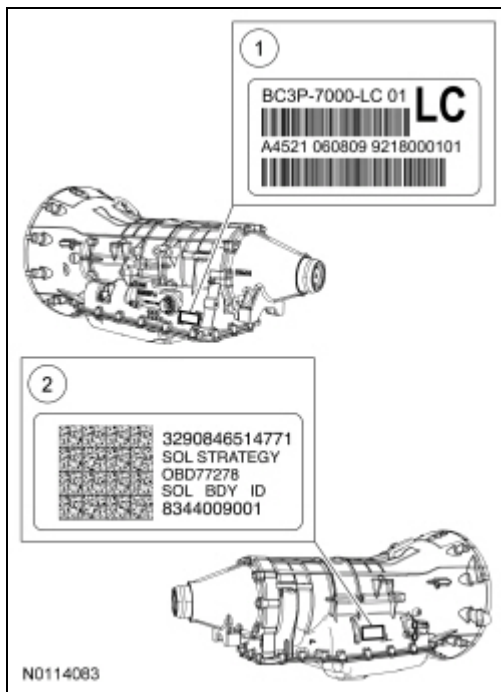
Solenoid Body Strategy



Solenoid Body Identification Procedure

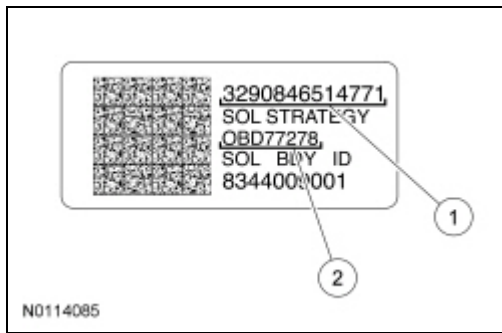
- Using the scan tool, select Powertrain, Transmission and Transmission Solenoid Body Identification and follow the instructions displayed on the scan tool.
The solenoid body identification screen displays solenoid body identification information:
 - Solenoid body strategy — thirteen-digits
 - Solenoid body identification — eight-digits
 If the solenoid body strategy field is blank, the module contains a partial transmission solenoid body strategy. This is due to a corrupt or missing file at the time the programmable parameters were completed.
- Compare the solenoid body identification and strategy to the solenoid body identification tag located on the right side of the transmission case.

Identification Tag Location



Item	Part Number	Description
1	7B148	Transmission identification tag
2	7G342	Solenoid body identification tag

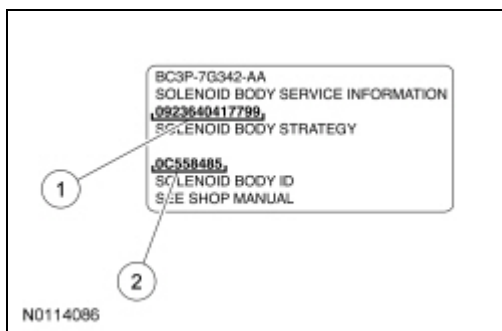
Solenoid Strategy Identification Tag



Item	Description
1	Thirteen-digit solenoid body strategy
2	Eight-digit solenoid body identification

3. If the solenoid body identification and strategy on the scan tool match the solenoid body identification tag or replacement tag, then the solenoid body identification and strategy are correct for this transmission and a solenoid body strategy download is not required. If the solenoid body identification tag or replacement tag is missing or damaged so that it is not readable or does not match the identification or strategy on the scan tool, remove the transmission fluid pan and filter and view the solenoid body identification and strategy printed on a steel tag on the main control assembly.

Replacement Solenoid Strategy Identification Tag

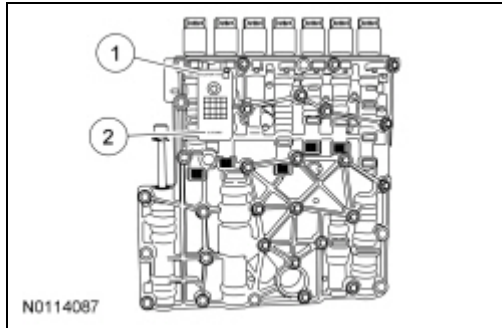


Item	Description
1	Thirteen-digit solenoid body strategy
2	Eight-digit solenoid body identification

4. **NOTICE: If the solenoid body information does not match the module information, transmission damage or driveability concerns can occur.**

Inspect the solenoid body identification and strategy tag on the main control assembly and compare this to the solenoid body identification tag on the transmission case. If the solenoid body identification and strategy tag on the main control assembly does not match the solenoid body identification tag or if the solenoid body identification and strategy tag on the main control assembly match the solenoid body identification tag on the transmission case but do not match the solenoid body identification and strategy numbers displayed on the scan tool, a solenoid body strategy download is required.

Main Control Solenoid Strategy Identification Tag



Item	Description
1	Thirteen-digit solenoid body strategy
2	Eight-digit solenoid body identification

Solenoid Body Strategy Download

- Using the scan tool, select Module Programming and Programmable Parameters then select transmission. Follow the instructions displayed on the scan tool.
There are fields to enter the solenoid body eight-digit identification and thirteen-digit strategy recorded from the tag on the main control.

- NOTICE: If the solenoid body information is not correct, transmission damage or driveability concerns can occur.**

Enter the solenoid body identification and strategy.

The scan tool verifies numbers entered are valid and displays a message if the information is not valid.

The scan tool checks to see if the file is present on the scan tool. If the file is present, the technician may proceed with downloading the file to the PCM. If the file is not present, connect the scan tool to the PTS server to download the file onto the scan tool or www.motorcraft.com.

- Verify the file is present on the scan tool. If the file is present, go to Step 8. If the file is not present, continue with this procedure.
- Connect the scan tool to the PTS server.
The screen displays a progress bar when connecting to the network.
- Follow the instructions on the network to download the strategy file to the scan tool.
- If the scan tool cannot connect to the PTS server, download the file from www.motorcraft.com.
If the scan tool cannot download a strategy from the web site, a partial strategy is downloaded automatically.
- Reconnect the scan tool to the vehicle.
- Follow the instructions displayed on the scan tool.
- If a new main control was installed, clean the existing solenoid strategy tag on the transmission case and cover it with the replacement solenoid body tag provided with the main control service kit.
The scan tool automatically downloads the strategy file or partial strategy file to the PCM. The scan tool displays a message when its finished downloading the data stating the file was downloaded successfully.
- NOTICE: If the adaptive drive cycle has not been performed, the customer may feel erratic shifts and driveability concerns.**

Perform the adaptive drive cycle. Refer to [Shift Point Road Test](#).

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