

6F50/6F55 TRANSMISSION—DTC P0751—HARSH OR NO FORWARD ENGAGEMENTS—PERCEIVED SLIP ON ACCELERATION—SLIP/DELAYED AND/OR HARSH DOWNSHIFTS

TSB 10-9-9

FORD:

2010 Taurus, Edge, Flex

LINCOLN:

2010 MKS, MKT, MKX

ISSUE

Some 2010 model year Taurus, Flex, MKS, MKT, Edge, MKX vehicles equipped with 6F50/55 transmissions may exhibit DTC P0751 and delayed/harsh or no forward engagements and/or slipping 6-4 or 5-4 downshifts. This may be due to a broken orifice restrictor cup plug in the forward clutch circuit. Affected transmission build dates are 12/11/2009-04/15/2010. The orifice restrictor cup plug sits in the transmission case below the forward clutch feed seal under the main control valve body.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Remove the main control valve body, refer to the Workshop Manual (WSM), Section 307-01.
2. Remove the forward clutch seal. See WSM, Section 307-01 for additional information.
3. Inspect for a broken orifice restrictor cup plug in the forward clutch circuit.
 - a. If no damage is found, continue with normal diagnostic; do not continue with this procedure.
 - b. If orifice restrictor cup plug is broken, continue to Step 4.
4. Remove the transaxle, refer to the WSM, Section 307-01.
5. Disassemble the transaxle, refer to the WSM, Section 307-01.
 - a. Do not remove the bearing cups or seals from the transmission case as the case is to be replaced.

- b. Do not remove bearings from transfer gear shaft or differential.

6. Inspect the forward clutch piston for damage. Also, look for a small round piece of metal in the clutch area.
7. Replace the transmission case half, clean and reseal transmission.
8. Reassemble the transaxle, refer to the WSM, Section 307-01.
9. Reinstall the transaxle, refer to the WSM, Section 307-01.

PART NUMBER	PART NAME
7T4Z-7005-A	Transmission Case - 6F50 (Non GTDI 3.5L/3.7L)
AA5Z-7005-B	Transmission Case - 6F55 (GTDI 3.5L)
7T4Z-7153-A	Seal Kit

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
100909A	2010 Flex, Edge, MKX, Taurus 3.5L DOHC, 2010 MKS, MKT 3.7L FWD: Repair The Transmission Following The Service Procedure (Do Not Use With Any Other Labor Operations)	13.3 Hrs.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

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100909A	2010 Flex, Edge, MKX, Taurus 3.5L DOHC, 2010 MKS, MKT 3.7L AWD: Repair The Transmission Following The Service Procedure (Do Not Use With Any Other Labor Operations)	14.6 Hrs.
100909A	2010 Flex, MKT, MKS, And Taurus 3.5L GTDI: Repair The Transmission Following The Service Procedure (Do Not Use With Any Other Labor Operations)	15.8 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
7005	42