



**Technical Service  
Information Bulletin**

June 20, 2006

Title:

**U660E 6-SPEED TORQUE CONVERTER**

Models:

**'07 ES 350 (6-Speed ATM)**

**TC003-06**

**TRANSMISSION & CLUTCH**

**Introduction** Proper torque converter installation procedures must be followed when replacing the U660E 6-speed transaxle. A growling noise and/or ATF leak may result if the torque converter is improperly installed. This TSB highlights the measurement procedure for proper torque converter installation.

- Applicable Vehicles**
- **2007** model year **ES 350** vehicles equipped with **6-speed automatic transmission**.

**Required  
Tools &  
Material**

TOOLS & MATERIAL	QUANTITY
Miscellaneous Hand Tools	As Needed

**Warranty  
Information**

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—



**Repair  
Procedure**

Using vernier calipers and a straightedge, measure the depth of the torque converter from the bell housing mounting surface as shown to the torque converter mounting lugs.

**Standard measurement: 14 mm (0.55 in.)**

**HINT:**

- Be sure to deduct the thickness of the straightedge.
- For easier torque converter installation, tip the top slightly inward while rotating and applying inward pressure.

**NOTE:**

Internal damage may occur if the torque converter is NOT fully engaged to the oil pump drive gear.

