

DIAGNOSTIC TROUBLE CODE (DTC) C1145 AND/OR C1155 STORED IN ANTI-LOCK BRAKE SYSTEM (ABS) MODULE

TSB 04-22-13

FORD:
2003-2005 Thunderbird

LINCOLN:
2003-2005 LS

ISSUE

Some 2003-2005 Lincoln LS and Thunderbird vehicles, equipped with a bolt-on wheel speed sensor, may exhibit the ABS and traction control or advance trac warning lamp illuminated, with DTC C1145 and/or C1155 stored in the ABS module.

ACTION

Refer to the following Service Procedure.

SERVICE PROCEDURE

1. Per the DTC, replace the appropriate front wheel speed sensor. Refer to Workshop Manual Section 206-09. Apply a thin film of XG-3-A (Motorcraft Silicone Brake Caliper Grease and Dielectric Compound) to the O-ring, and the portion of the sensor which is located in the bearing cap. This includes coating the sides and the end of the sensor cylinder (Figure 1).

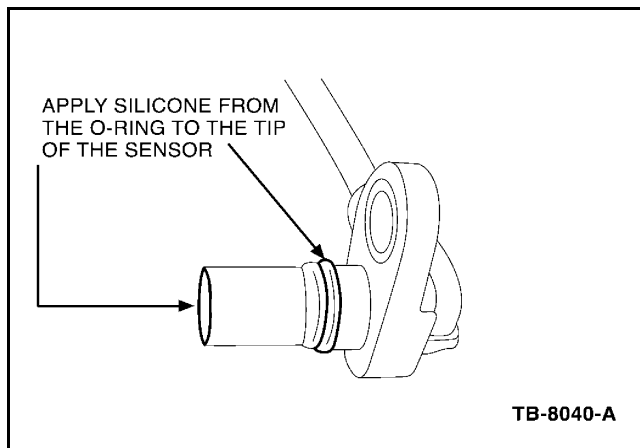


Figure 1 - Article 04-22-13

2. Vent the front bearing cap by drilling two (2) 1/16" diameter holes along outside edge of the cap, in locations shown on Figure 2 (illustrates driver's side bearing cap). Drill in approximately the 4 and 5 o'clock positions on the driver's side of vehicle, and the 7 and 8 o'clock positions on the passenger side of vehicle.

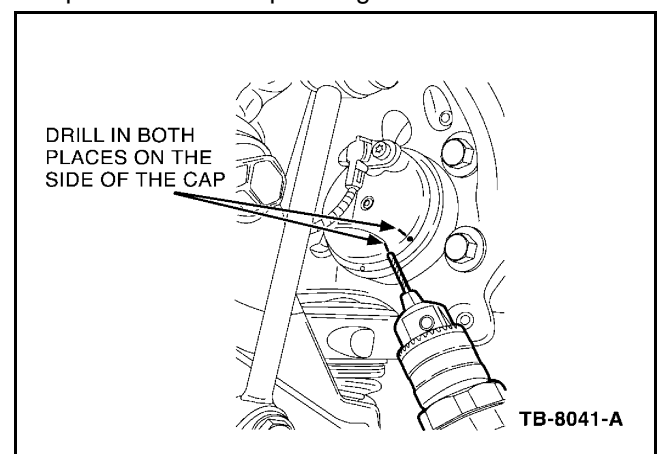


Figure 2 - Article 04-22-13

CAUTION

THE BEARING CAP IS ONLY 1/8" THICK, STOP DRILLING IMMEDIATELY WHEN THE DRILL BIT BREAKS THROUGH THE CAP.

CAUTION

THE DRILL SHOULD BE HELD PERPENDICULAR TO THE SURFACE NOT AT AN ANGLE, TO AVOID POTENTIAL DAMAGE TO ABS INDICATOR RING.

3. Inspect the opposite side wheel speed sensor, verify that a new sensor is installed, and the vent holes are drilled. The new sensor can be identified by "blue tape" added to the sensor cable between the third and fourth barrel grommets (counting from the bearing toward the connector). Replace the sensor if it is NOT current, and drill vent holes in the bearing cap if it is NOT already vented.

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.

TSB 04-22-13 (Continued)

PART NUMBER	PART NAME
5W4Z-2C204-AA XG-3-A	Wheel Speed Sensor Motorcraft Silicone Brake Caliper Grease And Dielectric Compound

042213B Check For Diagnostic 0.7 Hr.
 Trouble Codes And
 Replace Both Wheel
 Speed Sensors (Includes
 Time To Drill Vent Holes
 In Both Bearing Caps)

WARRANTY STATUS: Eligible Under Provisions Of
 New Vehicle Limited
 Warranty Coverage

DEALER CODING

OPERATION	DESCRIPTION	TIME
042213A	Check For Diagnostic Trouble Codes And Replace One Wheel Speed Sensor (Includes Time To Inspect Other Sensor And Drill Vent Holes In Both Bearing Caps If Necessary)	0.6 Hr.

BASIC PART NO.	CONDITION CODE
2C204	42