

<b>Subject:</b> DTC B2278 STORED IN THE POWER STEERING CONTROL MODULE	<b>Bulletin No:</b> 06-001/14
	<b>Last Issued:</b> 03/19/2014

## APPLICABLE MODEL(S)/VINS

2008-2011 Tribute

2008-2010 Tribute Hybrid

## DESCRIPTION

Some vehicles may have DTC B2278 (Steering Shaft Torque Sensor Malfunction) stored in the Power Steering Control Module (PSCM). A torque sensor service kit is available to correct the condition. Steering column replacement is no longer necessary.

Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Is DTC B2278 stored in the PSCM?
  - a. Yes - Proceed to step 2.
  - b. No - This bulletin does not apply. Refer to MS3 online or Workshop Manual (section 06-01 SYMPTOM TROUBLESHOOTING CHART — STEERING SYSTEM).
2. Replace the torque sensor. Follow the instructions provided in the torque sensor kit (P/N ZZCT-32-693).

**NOTE:** During assembly, install 2 new upper column bolts.  
Tightening Torque: 21 lb-ft (28 Nm).

3. Verify repair.

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## PART(S) INFORMATION

Part Number	Description	Qty.	Notes
ZZCT-32-693	Torque Sensor Kit	1	---
9XG1-22-507L	Bolt	2	Upper Column

## WARRANTY INFORMATION

### NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	72
Damage Code	9W
DTC Code	B2278
Part Number Main Cause	ZZCT-32-693
Quantity	1
Operation Number / Labor Hours:	XX761XRX / 1.6 Hrs.