

<b>Subject:</b> RECREATIONAL TOWING - VEHICLE WITH ALL 4 WHEELS ON THE GROUND - EXPANDED GUIDELINES TO PREVENT TRANSMISSION DAMAGE	<b>Bulletin No:</b> 05-006/13
	<b>Last Issued:</b> 10/29/2013

## BULLETIN NOTE

- This bulletin supersedes the previous bulletins 05-006/11, issued 08/08/11 and 05-018/09, issued on 11/25/09. The DESCRIPTION, SERVICE PROCEDURE, PART(S), and WARRANTY INFORMATION have been revised.
- Changes are noted below in Red beside the change bar.

## APPLICABLE MODEL(S)/VINS

2009-2011 Tribute equipped with a 6F35 automatic transmission

## DESCRIPTION

Some vehicles equipped with an automatic transmission gain enhanced flat tow performance with an optional transmission cooling pump kit for recreational towing. The kit is available from the Parts Department and will help prevent transmission overheating.

Customers having this concern should be advised of the optional cooling pump kit.

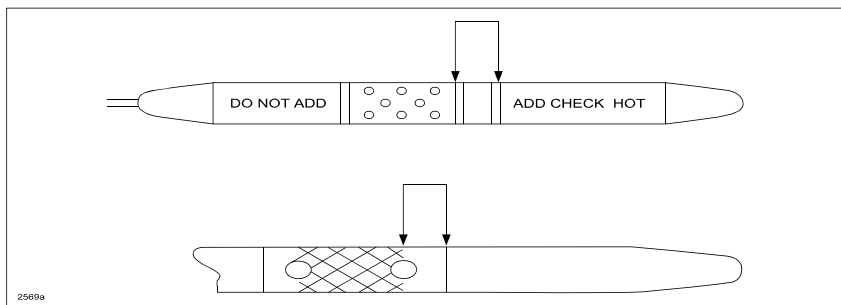
## SERVICE PROCEDURE

For customers that choose to purchase the transmission cooling pump, follow the installation instructions provided with the kit.

There are specific instructions listed in the Owner Guide that must be followed to recreational tow/flat tow/tow a vehicle with all 4 tires on the ground.

Advise customers of the following expanded recreational towing guidelines.

1. Transmission fluid level must be checked at operating temperature of 185 °F - 200 °F (85 °C - 93 °C). At this temperature, adjust fluid level between minimum line and the minimum hole at the bottom of the hash marks on dipstick. This level is within the safe operating fluid level and does not require the customer to have the fluid level readjusted after flat tow operation (see figure).



2. Tow the vehicle in a forward direction.
3. Maximum towing speed is 65 MPH (105 Km/h).
4. Do not flat tow the vehicle for greater than 6 hours at a time.
5. Start and run the engine for:
  - a. 5 minutes before towing each day.
  - b. 5 minutes every 6 hours or less.
  - c. While running the engine at idle for 5 minutes, with foot on the brake, shift through all gears.

These guidelines are designed to prevent damage to the transmission due to overheating.

If setting the fluid level for a customer that will be recreational (flat) towing the vehicle, set the level between minimum line and the minimum hole at the bottom of the hash marks on a blade type dipstick or in the Flat Tow area below the hash marks of the bullet-on-a-wire type dipstick.

**NOTE:** There is a significant difference in transmission dipstick readings between a cold transmission and a transmission at operating temperature. Failure to check trans fluid level at trans operating temperature may result in damage to the transmission.

If the transmission fluid level is correctly set for flat tow, the fluid will just touch the bottom of the dipstick when cold.

## PART(S) INFORMATION

Part Number	Description	Qty.
ZZC5-19-2KT	Transmission Cooling Pump Kit	1

## WARRANTY INFORMATION

**NOTE:**

- This TSB is not covered under Mazda's New Vehicle Limited Warranty term for a powertrain component.
- The Transmission Cooling Pump Kit is covered under Parts Warranty.