



**NUMBER:** 22-001-11

**GROUP:** Tires and wheels

**DATE:** January 22, 2011

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**SUBJECT:**

Steering Wheel Vibration

**OVERVIEW:**

This bulletin involves test driving the vehicle for vibration felt at the steering wheel during highway speeds and if necessary performing road force variation to the tires and/or replacing the steering wheel.

**MODELS:**

2010-2011	(DS)	RAM 1500 Pickup
2010-2011	(DJ)	RAM 2500 Pickup
2011	(DP)	RAM 4500/5500 Cab Chassis
2010-2011	(D2)	RAM 3500 Pickup
2011	(DD)	RAM 3500 Cab Chassis

**SYMPTOM/CONDITION:**

The customer may experience excessive steering wheel vibration when driving at highway speeds.

**DIAGNOSIS:**

If the symptom/condition is experienced, proceed to the repair procedure.

**PARTS REQUIRED:**

Qty.	Part No.	Description
1 (AR)	1TH25TRMAA	Wheel, Steering (With EVIC)
1 (AR)	1TH24TRMAA	Wheel, Steering
1 (AR)	1TH29TRMAA	Wheel, Leather Steering
1 (AR)	1TH30TRMAA	Wheel, Heated Leather Steering
(AR) 1	6505656AA	Screw, Hex Flange

**NOTE:** Replace the TRM portion of the part number with 1DV for vehicles equipped with Dark Slate Gray steering wheels or 1TV for vehicles with Bark Brown steering wheels.

**REPAIR PROCEDURE:**

1. Test drive the vehicle at least 20 minutes or 20 miles at highway speeds. Did the vehicle exhibit any vibration felt at the steering wheel?
  - a. Yes>>> Proceed to [Step #2](#).
  - b. No>>> This bulletin does not apply continue further diagnosis.
2. Inspect the all four tires for irregular wear and/or flat spotting. Was there any irregular wear and/or flat spotting?
  - a. Yes>>> Replace the suspect tires and road force all four wheels and tires whether the tires were replaced or not.
  - b. No>>> Road force all four wheels and tires.
3. Test drive the vehicle at highway speeds. Does the vehicle exhibit any vibration felt in the steering wheel?
  - a. Yes>>> Install the new steering wheel. Refer to the detailed removal/installation procedures available in: DealerConnect> TechCONNECT under: Service Info> 19-Steering> Column> Wheel, Steering> Removal/Installation.
  - b. No>>> Proceed to [Step #5](#).

**NOTE: When replacing the steering wheel always replace the steering wheel bolt p/n 6505656AA.**

4. Test drive the vehicle at least 20 minutes or 20 miles at highway speeds. Did the vehicle exhibit any steering wheel vibration?
  - a. Yes>>> This bulletin does not apply continue further diagnosis.
  - b. No>>> Proceed to [Step #5](#).
5. Return the vehicle to the customer.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Amount</b>
22-40-02-93	Road Test (C)	0.4 Hrs.
22-40-02-94	Road Test and Inspect Tires (C)	0.5 Hrs.
22-40-02-95	Road Test, Road Force Balance and Inspect All Wheels and Tires (RAM 1500 Only) (C)	1.3 Hrs.
22-40-02-96	Road Test, Road Force Balance and Inspect All Wheels and Tires (RAM Dual Rear Axle Only) (C)	1.7 Hrs.
22-40-02-97	Road Test, Road Force Balance and Inspect All Wheels and Tires (Except RAM 1500 & Dual Rear Axle) (C)	1.4 Hrs.
22-43-01-92	Road Test, Inspect Tires and Replace One Tire (Except RAM 1500) (C)	1.1 Hrs.
22-43-01-93	Road Test, Inspect Tires and Replace Two Tires (Except RAM 1500) (C)	1.3 Hrs.
22-43-01-94	Road Test, Inspect Tires and Replace Three Tires (Except RAM 1500) (C)	1.5 Hrs.
22-43-01-95	Road Test, Inspect Tires and Replace Four Tires (Except RAM 1500) (C)	1.8 Hrs.
22-43-01-96	Road Test, Inspect Tires and Replace Five Tires (C)	2.0 Hrs.
22-43-01-97	Road Test, Inspect Tires and Replace Six Tires (C)	2.2 Hrs.
22-43-01-98	Road Test, Inspect Tires and Replace One Tire (RAM 1500 Only) (C)	1.1 Hrs.
22-43-01-99	Road Test, Inspect Tires and Replace Two Tires (RAM 1500 Only) (C)	1.2 Hrs.
23-43-01-9A	Road Test, Inspect Tires and Replace Three Tires (RAM 1500 Only) (C)	1.4 Hrs.
23-43-01-9B	Road Test, Inspect Tires and Replace Four Tires (RAM 1500 Only) (C)	1.6 Hrs.
19-85-01-90	Remove and Replace Steering Wheel (C)	0.6 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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