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# TOYOTA

**TOYOTA MOTOR NORTH AMERICA, INC.**

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March 4, 2011

11V-148  
(5 Pages)

Mr. Daniel C. Smith  
Senior Associate Administrator for Vehicle Safety  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590

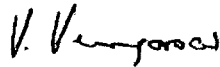
Re: FMVSS 138 Tire Pressure Monitoring Systems  
Part 573, Noncompliance Information Report

Dear Mr. Smith:

In accordance with the requirements of 49 CFR Part 573, on behalf of Toyota Motor Corporation ["TMC"], we hereby submit the attached Noncompliance Information Report concerning certain Toyota vehicles that do not meet certain requirements of FMVSS 138, Tire Pressure Monitoring Systems.

Should you have any questions about this report, please contact me (202) 775-1707.

Sincerely,



Vinnie Venugopal, General Manager  
Toyota Motor Engineering & Manufacturing, Inc

VV:mh  
Attachment

## NONCOMPLIANCE INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Corporation ["TMC"]  
1, Toyota-cho, Toyota-city,  
Aichi-ken, 471-8571, Japan

Toyota Motor Manufacturing de Baja California, S. de R. L. de C.V. ["TMMBC"]  
Carretera Tijuana Tecate Kilometro 143 y 144  
Tijuana, Baja California C. P. 22550

New United Motor Manufacturing, Inc. ["NUMMI"]  
45500 Fremont Blvd., Fremont,  
California, 94538

Toyota Motor Manufacturing, Indiana, Inc. ["TMMI"]  
4000 Tulip Tree Drive,  
Princeton, IN 47670-4000

Toyota Motor Manufacturing, Texas, Inc. ["TMMTX"]  
1 Lone Star Pass San Antonio,  
Texas 78264-3413

Affiliated U.S. Sales Company:

Toyota Motor Sales, USA, Inc. ["TMS"]  
19001 South Western Avenue  
Torrance, CA 90501

2. Identification of Affected Vehicles:

Based on production and sales records, we have determined the affected vehicle population as set forth in the table below on which. Toyota Motor Sales, USA ("TMS") accessory wheels and TMS-recommended LT tires may have been installed at vehicle processing centers operated by TMS or by dealers prior to first sale:

Make/ Car Line	Model Year	Manufac- turer	VIN			Production Period
			WMI	VDS	VIS	
Toyota/ FJ Cruiser	2008 through 2011	TMC	JTE	BU11F, BU4BF, ZU11F, ZU4BF	80019077 through TBD	July 10, 2007 through TBD
Toyota/ Land Cruiser	2008 through 2011	TMC	JTM	HY05J, HY7AJ	84001325 85001026 through TBD	December 3, 2007 through TBD
Toyota/ Tacoma	2008 through 2011	TMMBC NUMMI TMMTX	3TM 5TE 5TF	JU4GN, JU62N, JX4CN, JX4GN, KU4HN, KU72N, LU42N, LU4EN, MU4FN, MU52N, NX22N, NX4CN, NX4GN, NX62N, PX42N, PX4EN, TU22N, TU4CN, TU4GN, TU62N, TX22N, TX4CN, TX4GN, TX62N, UU42N, UU4EN, UX42N, UX4EN	8M005056 8Z469871 BX001004 through TBD	July 30, 2007 through TBD
Toyota/ Sequoia	2008 through 2011	TMMI	5TD	BM5G1, BT64A, BW5G1, BW68A, BY5G1, BY64A, BY67A, BY68A, DW5G1, DY5G1, JW5G1, JY5G1, KY5G1, YY5G1, ZM5G1, ZT64A, ZY5G1, ZY64A, ZY67A, ZY68A	8S000013 through TBD	December 3, 2007 through TBD
Toyota/ Tundra	2008 through 2011	TMMI TMMTX	5TB 5TF	BM5F1, BT541, BT581, BV541, BV581, BW541, BW581, BW5F1, BY5F1, CM5F1, CT541, CV541, CW541, CW5F1, CY5F1, DM5F1, DT541, DT581, DV541, DV581, DW541, DW581, DW5F1, DY5F1, EM5F1, ET541, ET581, EV541, EV581, EY5F1, FM5F1, FY5F1, HM5F1, HW5F1, HY5F1, JM5F1, JT521, JU521, JU5F1, JV521, JY5F1, KM5F1, KT521, KV521, KW521, KW5F1, KY5F1, LM5F1, LT521, LU521, LU5F1, LV521, LY5F1, MM5F1, MT521, MV521, MW521, MW5F1, MY5F1, RM5F1, RT541, RT581, RU541, RU5F1, RV541, RV581, RY5F1, SM5F1, ST541, SV541, SY5F1, TM5F1, TY5F1, UM5F1, UW5F1, UY5F1	8S458701 8X002095 through TBD	December 3, 2007 through TBD

Note: (1) Although all of the potentially involved vehicles are within the above VIN range, not all of the vehicles in this range were sold in the U.S., and only a small number actually contain the accessory wheels and TMS-recommended LT tires at issue.

3. Total Number of Vehicles Potentially Affected:

Toyota estimates that about 22,000 vehicles on which TMS accessory wheels and TMS-recommended LT tires were installed at vehicle processing centers operated by TMS or by dealers prior to first sale are included in this population.

4. Percentage of Vehicles Estimated to Actually Experience Noncompliance:

100% of the vehicles on which TMS accessory wheels and TMS-recommended LT tires were installed prior to first sale

5. Description of Noncompliance:

FMVSS 138 S4.2(a) requires that the tire pressure monitoring system must illuminate a low tire pressure warning telltale not more than 20 minutes after the inflation pressure in one or more of the vehicle's tires, up to a total of four tires, is equal to or less than either the pressure 25 percent below the vehicle manufacturer's recommended cold inflation pressure, or the pressure specified in the 3rd column of Table 1 of this standard for the corresponding type of tire, whichever is higher.

The vehicle models noted above left the assembly plants with tire pressure monitoring systems calibrated properly to meet FMVSS 138 S4.2(a) requirements with the wheels and P-metic tires installed at the plants. In the affected vehicles, accessory wheels approved by TMS were installed at vehicle processing centers prior to distribution to dealers or by dealers prior to first sale. Wheels installed at TMS processing centers were equipped with LT tires (Load range D or E). Some dealers may have installed the same tire type as used at the processing centers. When the tires were changed, the tire pressure monitoring systems of the affected vehicles were not re-calibrated correctly and, therefore, do not start illuminating the low tire pressure warning telltale at the required minimum activation pressure specified in Table 1.

6. Test results and other information

When the wheels and LT tires were being sourced for application on the subject vehicles, it was not recognized that there would be an effect on the compliance of tire pressure monitoring system. When TMS became aware of the potential issue, it contacted Toyota Motor Corporation, and an investigation was undertaken. As a result of the investigation, it was determined on March 2, 2011 that the use of the TMS-recommended load range D and E LT tires resulted in a noncompliance with FMVSS 138 S4.2(a).

7. Description of Corrective Repair Action:

All known owners of the affected vehicles on which the accessory wheels and TMS-recommended LT tires may have been installed prior to first sale will be notified by first class mail to return their vehicles to a Toyota dealer in order to re-initialize the tire pressure monitoring system in accordance with the regulation. At the same time, the cold tire inflation pressure will be revised and the tire placard required by FMVSS 110 will be changed to specify the revised cold tire inflation pressure.

For affected FJ Cruiser vehicles, tire pressure monitoring system ECU will be changed, because it cannot be reset.

Reimbursement Plan for pre-notification remedies

As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty (“Warranty”), all affected vehicle owners for this recall would have been provided a repair at no cost under the Toyota’s Warranty.

8. Recall Schedule:

TBD.

9. Distributor/Dealer Notification Schedule:

TBD.