

October 28, 2014

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigation Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington, DC 20590

### Dear Ms. Timian:

I am writing in response to letters you sent on October 14, 2014, requesting recall data from certain companies to assist the agency in analyzing language proposed by the Alliance of Automobile Manufacturers (Alliance) in relation to the Rachael and Jacqueline Houck Safe Rental Car Act.

The Alliance believes that <u>all</u> recalled rental vehicles should be repaired, which is why I want to clarify the incomplete characterization of the Alliance proposal (Attachment A) included in the agency's October 14 letters. In the letters, NHTSA states that the Alliance language "would apply the rental prohibition *only* to recalled vehicles that are subject to a 'do not drive' or similar advisory from the manufacturer" (emphasis added). It is accurate to say that the Alliance language would strictly prohibit rental companies from renting vehicles subject to such a directive until they are repaired. However, the Alliance proposal does more. It also would prohibit rental companies from renting <u>any</u> unrepaired, recalled vehicle, unless the rental car company provides a copy of the original recall notice to the consumer prior to renting the vehicle.

As you know, the largest rental car companies – comprising over 90% of the US passenger vehicle rental market – have voluntarily adopted policies to repair recalled vehicles prior to renting them. These policies are docketed in the agency's audit query, AQ10-001. Thus, the only companies likely to avail themselves of the notification exception are small businesses with limited ability to adjust their fleets while vehicles are out of service. By requiring rental companies to provide copies of the recall notices to consumers prior to renting, the Alliance proposal ensures that even in those limited circumstances, consumers would be informed and would have the option to decline to rent a particular vehicle.

The Alliance proposal utilized the bill sponsors' broad definition of rental company, which applies to virtually all of the US rental market. The Alliance performed an analysis using NHTSA's publicly available recall data of many of the same questions raised in the October 14 letters for all passenger vehicle recalls during the period of 2010 through 2013 (Attachment B). Because our review was not limited to a subset of companies that sell vehicles to the rental market (as were your letters requesting data from only certain companies), it will help the agency complete a more comprehensive analysis and understanding of the Alliance proposal. The Alliance is working to expand the analysis to cover the additional years requested in the October 14 letter, and we will submit it to docket AQ10-001 when it is complete.

All Alliance member companies take the safety of vehicle owners and occupants very seriously. We want all recalled vehicles to be repaired as quickly as possible. To that end, we are committed to continuing to work with all stakeholders - including NHTSA, Congress, suppliers and dealers - to ensure all vehicle owners, including rental car companies, receive equal treatment and their vehicles can be quickly repaired.

Thank you for the opportunity to clarify the Alliance's position. If you have any questions or would like to discuss further, please do not hesitate to contact me or Rob Strassburger, Vice President of Vehicle Safety and Harmonization.

Sincerely,

Mitch Bainwol

# **Attachment A**

**Alliance Rental Car Recall Legislative Proposal** 

1 2 3 4 5 6	To amend title 49, United States Code, to prohibit rental of motor vehicles under a safety recall because of a defect related to motor vehicle safety or noncompliance with an applicable motor vehicle safety standard until the renter is notified of the defect or noncompliance, and for other purposes.
7	
8 9	Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,
10	A BILL
11	SEC. 1. RENTAL CAR SAFETY
12	(a) In GENERAL. – Section 30120 of title 49, United States Code is amended by adding at
13	the end the following:
14	"(k) Limitation on Rental of Motor Vehicles.—
15	"(1) A rental car company may not rent a motor vehicle that is the subject of a
16	notification of a defect or noncompliance under section 30118(b) or section 30118(c) of this
17	title until –
18	"(A) the rental car company clearly and conspicuously notifies the renter in
19	writing, of each notification of a defect or noncompliance received by the rental car
20	company that is applicable to the motor vehicle, including each preremedy precaution
21	recommended by the manufacturer in the notification, if any; and
22	"(B) the renter acknowledges, in writing the receipt of the notification under
23	subparagraph (A).
24	"(2) Paragraph (1) shall not apply if –
25	"(A) the defect or noncompliance is remedied under section 30120 of this title
26	before the motor vehicle is rented; or

1	"(B) notification of the defect or noncompliance is required under section
2	30118(b), but enforcement of the order is set aside in a civil action to which Section
3	30121(d) applies.

- "(3) Notwithstanding paragraph (1), in the event that the notification required by Section 30118(b) or 30118(c) contains precautionary advice to refrain from driving the motor vehicle until the specified remedy is completed, the rental company may not rent the motor vehicle until the vehicle is remedied.
- "(4) NONAPPLICATION.—This subsection does not apply to any motor vehicle with a gross vehicle weight rating of more than 10,000 pounds.
- "(5) DEFINITIONS.—In this subsection, the following definitions apply:
- "(A) the term "rental company" means a person who –

- 12 "(1) is in the business of offering for rent motor vehicles without a driver; and
- "(2) uses for rental purposes a fleet of 5 or more motor vehicles.
  - "(B) the term "rent" means to grant possession and enjoyment of a motor vehicle without a driver to a person in return for the payment of compensation for the use and enjoyment of that motor vehicle for a term of less than 4 months.

### SEC. 2: COORDINATION WITH OTHER LAWS.

Compliance by a rental company with Section 30120(k) of title 49, United States Code shall not give rise to a cause of action or liability under the laws of the United States or of any State or political subdivision thereof for damages related to the commercial loss of use of the covered rental vehicles pending completion of the recall remedy prescribed in the notice to owners.

# **Attachment B** Alliance Light Passenger Vehicle Recall Analysis, 2010–2013

# 2010, 2011, 2012, 2013 Light Passenger Vehicle Recall Analysis Do Not Drive, Risk Mitigation Instructions, Regional

# **Executive Summary**

This is a report of a 2010-2013 Light Passenger Vehicle recall analysis conducted by Lindsey Research Services. The 2010 through 2013 LPV Recalls were analyzed to determine the number of recalls in each year that had (in the part 577 letter from Manufacturers to Owners) do not drive instructions and risk mitigation instructions. Also the number of recalls in each year that were considered regional were counted. The detailed text of the instructions and the regional information are available in the appendices.

2010 Light Passenger Vehicle Recall Analysis. We reviewed one hundred fifty eight (158) 2010 light passenger vehicle recalls and identified the following:

- 12 recalls with do not drive instructions.
- 34 recalls with risk mitigation instructions.
- 8 recalls considered regional.

2011 Light Passenger Vehicle Recall Analysis. We reviewed one hundred thirty five (135) 2011 light passenger vehicle recalls and identified the following:

- 12 recalls with do not drive instructions
- 22 recalls with risk mitigation instructions
- 3 recalls considered regional

2012 Light Passenger Vehicle Recall Analysis. We reviewed one hundred seventy (170) 2012 light passenger vehicle recalls and identified the following:

- 11 recalls with do not drive instructions
- 32 recalls with risk mitigation instructions
- 11 recalls considered regional

2013 Light Passenger Vehicle Recall Analysis. We reviewed one hundred ninety seven (197) light passenger vehicle recalls and identified the following:.

- 16 recalls with do not drive instructions
- 39 recalls with risk mitigation instructions
- 9 recalls considered regional

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# **INTRODUCTION**

This report identifies and quantifies the number of 2010, 2011, 2012 and 2013 LPV recalls that:

- 1. Specify that the owner should not drive the vehicle until it has been remedied
- 2. Provide instructions for mitigating the safety risk prior to the vehicle being remedied
- 3. Identify and quantify regional recalls

To conduct this analysis we gathered, culled and analyzed the 2010, 2011, 2012 and 2013 Part 573 and Part 577 letters submitted by manufacturers related to recalls of LPV's.

# Do Not Drive (DND) LPV Recalls

### 2010 DND LPV recalls.

Twelve (12) of the one hundred fifty eight (158) 2010 LPV recalls contained "do not drive" (DND) instructions. Eleven (11) of those DND instructions were conditional upon owner detection of a defect (if you notice fluid leaks, or loss of power, or your engine stalls, etc..., then do not drive the vehicle). Only one recall (10v643) had an unconditional "do not drive" vehicle recommendation. In the graph in figure 1 this single recall is counted and categorized as a recall with "unconditional" DND instructions. For the text detailing the DND instructions for the 2011 LPV recalls see Appendix A.

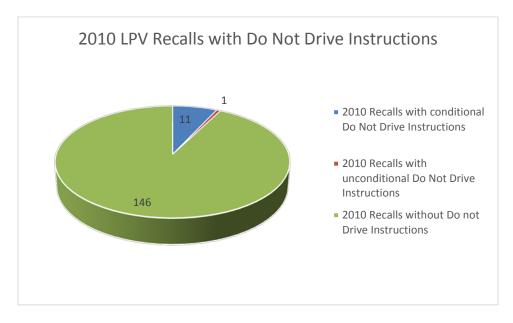


Figure 1. 2010 LPV Recalls with Do Not Drive Instructions

### 2011 DND LPV Recalls.

Twelve (12) of the one hundred thirty five (135) 2011 LPV recalls contained DND instructions. Eleven (11) of those DND instructions were conditional upon owner detection of a defect (if you notice fluid leaks, or loss of power, or your engine stalls, etc..., then do not drive the vehicle). Only one recall (11v007) had an unconditional "do not drive" vehicle recommendation. In the graph in figure 2 this single recall is counted and categorized as a recall with "unconditional" DND instructions. For the text detailing the DND instructions for the 2011 LPV recalls see Appendix B.

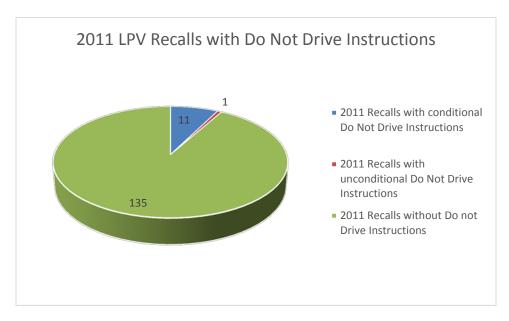


Figure 2. 2011 LPV Recalls with Do Not Drive Instructions

### 2012 DND LPV Recalls.

Eleven (11) of the one hundred seventy (170) 2012 LPV recalls contained DND instructions. Eight (8) of those DND instructions were conditional upon owner detection of a defect. Three recalls (12v336, 12v475, and 12v504) had unconditional "do not drive" recommendations. In the graph in figure 3 these three recalls are counted and categorized as recalls with "unconditional" DND instructions. For the text detailing the DND instructions for the 2012 LPV recalls see Appendix C.

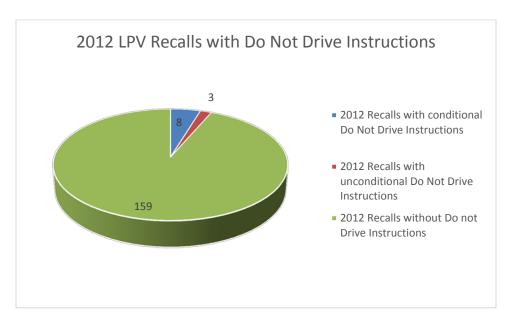


Figure 3. 2012 LPV Recalls with Do Not Drive Instructions

### 2013 DND LPV Recalls.

Sixteen (16) of the one hundred ninety seven (197) 2013 LPV recalls contained DND instructions. Fifteen (15) of those DND instructions were conditional. Fourteen (14) of these recalls with DND instructions were upon owner detection of a defect and one (13V194) if the owner preferred not to operate until repairs were completed. Only one recall (13V103) had an unconditional "do not drive" vehicle instruction. In the graph in figure 4 this single recall is counted and categorized as a recall with "unconditional" DND instructions. For the text detailing the DND instructions for the 2013 LPV recalls see Appendix D.

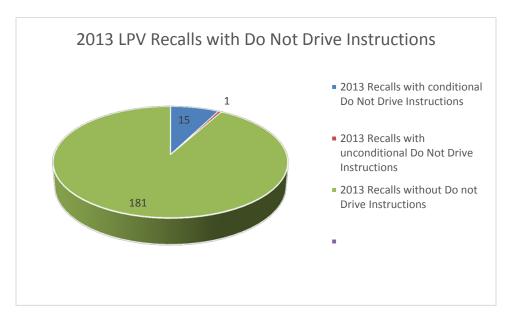


Figure 4. 2013 LPV Recalls with Do Not Drive Instructions

# **Risk Mitigation Instructions**

### 2010 Risk Mitigation Instructions.

We identified thirty four (34) of one hundred fifty eight (158) 2010 LPV recalls that included risk mitigation instructions. This includes the twelve (12) recalls with DND instructions as DND instructions are also risk mitigation instructions. For the text detailing the risk mitigation instructions from the part 577 letters of the 2010 LPV recalls see Appendix E.

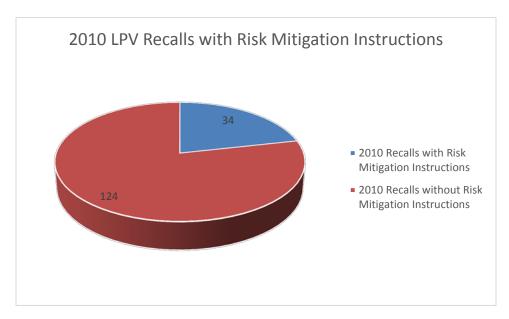


Figure 5. 2010 LPV Recalls with Risk Mitigation Instructions

### 2011 Risk Mitigation Instructions.

We identified twenty two (22) of one hundred thirty five (135) 2011 LPV recalls that included risk mitigation instructions. This includes the twelve (12) recalls with DND instructions as DND instructions are also risk mitigation instructions. For the text detailing the risk mitigation instructions from the part 577 letters of the 2011 LPV recalls see Appendix F.

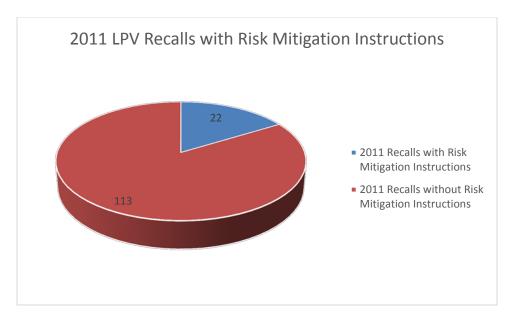


Figure 6. 2011 LPV Recalls with Risk Mitigation Instructions

### 2012 Risk Mitigation Instructions.

We identified thirty two (32) of one hundred seventy (170) 2012 LPV recalls that included risk mitigation instructions. This includes the eleven (11) recalls with DND instructions as DND instructions are also risk mitigation instructions. For the text detailing the risk mitigation instructions from the part 577 letters of the 2012 LPV recalls see Appendix G.

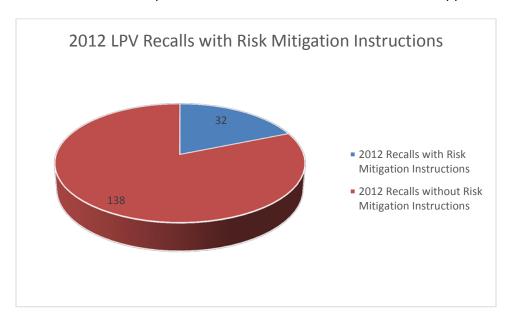


Figure 7. 2012 LPV Recalls with Risk Mitigation Instructions

### 2013 Risk Mitigation Instructions.

We identified thirty nine (39) of one hundred ninety seven (197) 2013 LPV recalls that included risk mitigation instructions. This includes the sixteen (16) recalls with DND instructions as DND instructions are also risk mitigation instructions. For the text detailing the risk mitigation instructions from the part 577 letters of the 2013 LPV recalls see Appendix H.

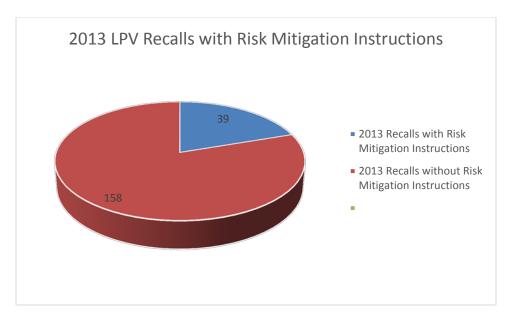


Figure 8. 2013 LPV Recalls with Risk Mitigation Instructions

# **Regional Recalls**

### 2010 Regional Recalls.

We identified 8 regional recalls of the 158 light passenger vehicle recalls for 2010. They are 10v007, 10v008, 10v065, 10v105, 10v160, 10v385, 10v436, and 10v457. See Appendix I.

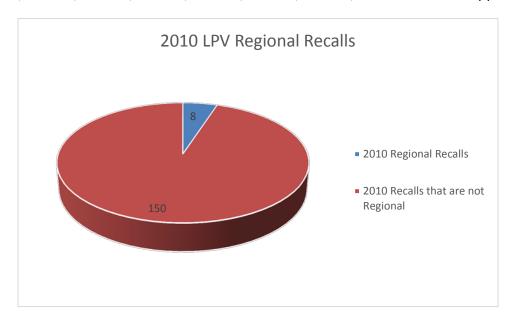


Figure 9. 2010 LPV Regional Recalls

**2011 Regional Recalls.** We identified 3 regional recalls of the 135 light passenger vehicle recalls for 2011. They are 11v030, 11v244, and 11v464. See Appendix J.



Figure 10. 2011 LPV Regional Recalls

### 2012 Regional Recalls.

We identified 11 regional recalls of the 170 light passenger vehicle recalls for 2012. They are 12V085, 12V151, 12V193, 12V194, 12V195, 12V306, 12V388, 12V406, 12V459, 12V542, and 12V597. See Appendix K.

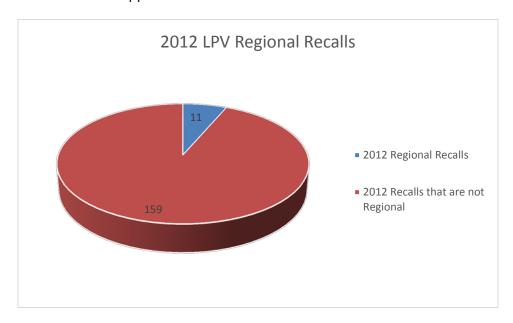


Figure 11. 2012 LPV Regional Recalls

### 2013 Regional Recalls.

We identified nine (9) regional recalls of the one hundred ninety seven (197) light passenger vehicle recalls for 2013. They are 13V081, 13V385, 13V093, 13V354, 13V556, 13V547, 13V550, 13V541, 13V110. See Appendix L.

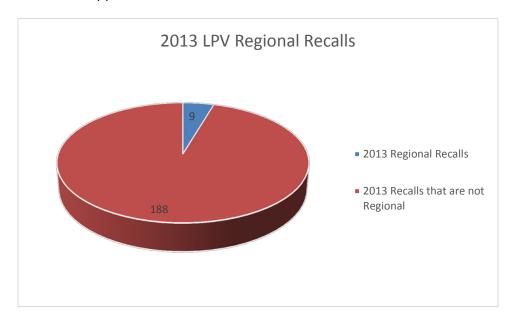


Figure 12. 2013 LPV Regional Recalls

### **Appendix A**

### 2010 Recalls with do not drive instructions from manufacturer to owner

**10v018** "If you experience a condition while driving in which the vehicle continues to accelerate rapidly after releasing the accelerator pedal, this could be an indication of floor mat interference or a sticking accelerator pedal. If this occurs, GM recommends that you take the following actions: • If possible and safe to do so, pull back the floor mat and dislodge it from the accelerator pedal; then pull over and stop the vehicle. • If the floor mat cannot be dislodged, or if no floor mat is present, then firmly and steadily step on the brake pedal with both feet. Do not pump the brakes repeatedly because that may deplete vacuum assist, requiring increased brake pedal force. • The engine can also be disabled by shifting the transmission to Neutral. After shifting to Neutral, firmly apply the brakes and steer the vehicle to a safe location on the side of the road; come to a complete stop, shift to Park, and turn the ignition key OFF. • Call your dealer to pick up the vehicle. **Do not drive it**."

**10v072** "If you experience any unusual looseness in your brake pedal, **do not drive your vehicle** and call your dealer or Infiniti Consumer Affairs at 1-800-662-6200 for further instructions."

**10v196** "If you notice a fluid leak, **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance. If you notice a loss of power, carefully steer the vehicle to a safe place on the side of the road. Turn the ignition off and **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance"

**10v215** "If you detect the odor of fuel or observe fuel on the ground, please contact your Lamborghini dealer to **get your vehicle towed to service**."

**10v326** "If you notice a loss of power, carefully steer the vehicle to a safe place on the side of the road. Turn the ignition off and **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance."

**10v331** "If you experience stalling while driving, pull over carefully as soon as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center."

**10v446** "In the event you notice a decrease in power brake assist, **do not continue to drive your vehicle**. Immediately contact BMW Roadside Assistance at 1-800-332-4269 or your nearest authorized BMW center to have your vehicle brought to an authorized BMW center."

**10v447** "In the event you notice a decrease in power brake assist, **do not continue to drive your vehicle**. Immediately contact Rolls-Royce Roadside Assistance at 1-877-671-3029, or your nearest authorized Rolls-Royce dealer, to have your vehicle brought to an authorized Rolls-Royce dealer."

**10v518** "If you experience engine stalling while driving, pull over carefully as soon as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW SAV center."

**10v599** "Immediately check the Low Brake Fluid Level Warning Light on your instrument panel. If it is illuminated, **DO NOT DRIVE your vehicle**. Contact Kia Roadside Assistance (800) 333-4KIA (4542) to have your vehicle towed to the nearest Kia dealer at no cost to you."

**10v613** "Until you have your vehicle inspected, frequently look at the Low Brake Fluid Level Warning Lamp on the instrument panel. If the warning lamp turns on and remains on, carefully drive to the nearest safe location and park your vehicle. **DO NOT CONTINUE TO DRIVE your vehicle** if the Low Brake Fluid Level Warning Lamp turns on and remains on. Contact Hyundai Roadside Assistance at 1-800-243-7766 to have your vehicle towed to the nearest Hyundai dealer at no charge to you."

**10v643** "If your vehicle has not been serviced for the safety issue described in this letter, **DO NOT DRIVE YOUR VEHICLE**. Contact your GM dealer immediately for additional information and instructions regarding this recall."

### **Appendix B**

### 2011 Recalls with do not drive instructions from manufacturer to owner

**11v007** If your vehicle has not been serviced for the safety issue described in this letter, **DO NOT DRIVE YOUR VEHICLE.** 

**11v153** ADDITIONAL IMPORTANT NOTICE: If you are unable to select or engage drive gears in your vehicle, contact your Kia dealer to have the vehicle inspected. Under such circumstances, you may request that **your vehicle be towed** to the nearest Kia dealer at no cost to you by phoning Kia Roadside Assistance at (800) 333-4KIA (4542).

**11v332** If you experience stalling while driving, pull over carefully as soon as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.

**11v341** If you experience a loss of power steering assist while driving, a yellow warning symbol in the instrument cluster will illuminate, accompanied by a short message in the instrument cluster to drive moderately. You may continue to drive your vehicle, but drive cautiously and carefully. If you feel uncomfortable with this condition then you should pull over carefully as soon as possible to a safe location and away from traffic; **do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.

**11v438** If one of the tail lamp warning symbols appear (4), please drive carefully and cautiously, as the driver of the vehicle behind you may not notice that one of the rear lamps are not working. If this condition is present, and if you feel unsafe, please contact BMW Roadside Assistance at 1-800-332-4269 immediately to **have your vehicle brought to the nearest authorized BMW center**.

**11v441** If you encounter a non-starting condition, your vehicle may be experiencing this condition. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to **have your vehicle brought to the nearest authorized BMW center.** BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.

**11v469** If you notice or smell smoke in the front cowl area of the vehicle, be sure the ignition switch is in the "off" position and **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance.

**11v476** If this condition is occurring, pull over carefully as as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.

**11v510** "If an oil cooler line failure occurs the driver may observe one or more of the following warning signs: (1) Oil pressure warning light illuminated whilst the engine is running; (2) Signs of oil under the front or rear of the vehicle whilst the vehicle is parked; (3) Excessive oil consumption; (4) Trail of oil on the road; If you observe any of the above before driving, **do not drive the car** and contact your Lotus dealer"

**11v521** "In some cases, a plastic burning smell, or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warnings occur, pull off the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell, or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. **Do not continue to drive your vehicle.** Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest Authorized BMW Center."

**11v522** In some cases, a plastic burning smell, or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warnings occur, pull off the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell, or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. **Do not continue to drive your vehicle**. Contact Rolls-Royce Roadside Assistance at 1-877-671-3039 immediately to have your vehicle brought to the nearest Authorized Rolls Royce Dealer.

**11v598** For your convenience, or, if you are not comfortable using the vehicle before the battery has been replaced, your Fisker retailer will arrange to **pick up your vehicle** and return it to you after it has been serviced.

### **Appendix C**

### 2012 Recalls with do not drive instructions from manufacturer to owner

**12V008** "In some cases, a plastic burning smell or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warning occur, pull of the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. **Do not continue to drive your vehicle**. Contact MINI Roadside Assistance at 1-866-646-4772 immediately to have your vehicle brought to the nearest authorized MINI dealer.

**12V126** "If you encounter a plastic burning smell or burning and/or smoke from the rear of the vehicle, your vehicle may be experiencing this condition. If driving, pull off the road to a safe location away from traffic, and switch off the engine. Do not open the trunk lid. All occupants should carefully exit the vehicle and move to a safe location away from traffic. **Do not continue to drive your vehicle**. Call 911 for emergency assistance. Also, contact BMW Roadside Assistance at 1-800-332-4269 to have your vehicle brought to the nearest authorized BMW center.

**12V161** "In some cases, a plastic burning smell or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warning occur, pull of the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-2332-4269 immediately to have your vehicle brought to the nearest authorized BMW center."

**12V166** "In some cases, a plastic burning smell or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warning occur, pull of the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. **Do not continue to drive your vehicle**. Contact Rolls-Royce Roadside Assistance at 1-877-671-3039 immediately to have your vehicle brought to the nearest authorized Rolls-Royce dealer.

**12V267** "2. If you experience loss of power steering assist while driving, pull over carefully as soon as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center

3. If you notice a burning smell or burning and/or smoke from the front of the vehicle, pull over carefully as soon as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Switch off the engine. Do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center."

**12V302** "If you experience a loss of power steering assist while driving, you may continue to drive your vehicle, but drive cautiously and carefully. If you feel uncomfortable with this condition, then you should pull over carefully as soon as possible to a safe location and away from traffic; **do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 (1-800-497-9940 for ActiveE drivers) immediately to have your vehicle brought to the nearest authorized BMW center / BMW ActiveE center.

12V336 "Until the recall service has been completed, DO NOT DRIVE YOUR VEHICLE."

**12V430** "If you detect the presence of red fluid on the floor at the rear left side of your vehicle or smoke occurring in the same area, **please contact your Lamborghini dealer to get your vehicle towed**."

- **12V475** "1. BMW recommends that you **do not continue to drive your vehicle**. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.
- 2. If you continue to drive your vehicle and this condition occurs, you may hear a noise and/or feel a vibration coming from the front of the vehicle. .
- 3. If there is a sudden loss of oil pressure, the low oil pressure warning indicator illuminated in red and warning message "Engine oil pressure; Stop carefully" will be displayed in the instrument cluster. An additional warning message will be displayed in the vehicle's control display as follows: "Engine oil pressure too low: Stop carefully and stop engine. Risk of engine damage with continued driving. Call Roadside Assistance."
- 4. If the condition in #2 or3 occurs, carefully move away from traffic and pull over to a safe location as soon as possible. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center."
- **12V504** "1. BMW recommends that you **do not continue to drive your vehicle**. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.

2. If the door does not close or stay latched, **do not continue to drive your vehicle**. Do not attempt to drive while trying to hold the door closed. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.

**12V550** "If you experience loss of power steering assist while driving, pull over carefully as soon as possible to a safe location and away from traffic. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center"

### **Appendix D**

### 2013 Recalls with do not drive instructions from manufacturer to owner

**13V017** "If this condition occurs while driving, your vehicle will lose power. If this happens, carefully move away from traffic and pull over to a safe location; **do not continue to drive your vehicle**. Contact BMW ActiveE Roadside Assistance at 1-800-497-9940 immediately to have your vehicle brought to the nearest authorized BMW ActiveE center."

**13V031** "If your vehicle's brake warning light illuminates and the brake warning buzzer is heard, do not drive your vehicle."

**13V041** "If an oil cooler line failure occurs the driver may observe one or more of the following warning signs:

- (1). Oil pressure warning light illuminated whilst the engine is running;
- (2). Signs of oil under the front or rear of the vehicle whilst the vehicle is parked;
- (3). Excessive oil consumption;
- (4). Trail of oil on the road;

If you observe any of the above before driving, **do not drive the car** and contact your Lotus dealer.

**13V044** "If you notice a momentary flickering of the display in the instrument cluster during driving or a momentary (less than one second) engine shutdown, carefully move away from traffic and pull over to a safe location as soon as possible. **Do not continue to drive your vehicle**. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center."

**13V045** "IN THE EVENT YOU NOTICE A DECREASE OF POWER BRAKE ASSIST, **DO NOT CONTINUE TO DRIVE YOUR VEHICLE**. Carefully move away from traffic and pull over to a safe location as soon as possible. Contact BMW Roadside Assistance at 1-800-332-4269 to have your vehicle brought to the nearest authorized BMW center."

**13V077** "If you notice that the moonroof glass is loose, **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance."

**13V078** "If you notice or smell smoke in the front cowl area of the vehicle, be sure the ignition switch is in the "off" position and do not operate the vehicle. Immediately contact your Subaru dealer for assistance."

**13V103** "Contact your nearest Chrysler, Jeep, or Dodge dealer immediately to have your vehicle battery disconnected. **Discontinue driving your vehicle**."

**13V110** "If you notice fluid leaking from the vehicle, **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance."

"If the brake system warning light remains illuminated on the instrument panel with the parking brake fully released, **do not operate the vehicle**. Immediately contact your Subaru dealer for assistance."

**13V114** "If your brake lights are not working properly, you may request that your vehicle be towed to the nearest Kia dealer at no cost to you by phoning Kia Roadside Assistance at (800)-333-4KIA (4252)."

**13V139** If you hear a noticeable noise or feel a vibration from the front wheels, stop driving your vehicle and contact your dealer as soon as possible to have the vehicle inspected."

**13V194** "If you prefer not to operate your vehicle until repairs are made, please contact your nearest Subaru dealer to make arrangements to **have your vehicle towed** to that dealer at no cost to you."

**13V430** "If the MIL is illuminated, contact your Infiniti retailer immediately and it will make arrangements for an immediate repair. **Do not continue using your vehicle** with the MIL illuminated."

**13V451** "If you notice that the Brake Warning Light in your Titan is illuminated, we strongly urge you to contact your Nissan dealer and bring your vehicle in for inspection as soon as possible. **Do not continue driving** with the Brake Warning Light on."

**13V454** "If you notice a decrease of power brake assist, **do not continue to drive your vehicle**. Carefully move away from traffic and pull over to a safe location as soon as possible. Contact BMW Roadside Assistance at 1-800-332-4269 to have your vehicle brought to the nearest authorized BMW center."

**13V550** "If your vehicle is experiencing directional control issues (wobbling), contact Kia Roadside" Assistance directly at 800-333-4542(4Kia) to **request a tow** to the nearest Kia dealer for repair."

### **Appendix E**

### **2010** Recalls with Risk Mitigation Instructions in Part 577 letters

Recalls that contain Do Not Drive instructions are starred with an asterisk (\*) in this appendix. Recalls with Do Not Drive instructions also appear separately in appendix A, however, they are included here so that this appendix can stand alone as the complete list of Risk Mitigation Instructions

\*10v018 "Do not place these, or any other floor mats, in the driver's side footwell. In the event that you choose to install the driver's side floor mat, General Motors strongly recommends that you use only floor mats designed specifically for the model and model year of your vehicle, and that it is properly installed and secured. DO NOT use a mat that is flipped over with the bottom-side up, and DO NOT stack one floor mat over another. In addition, check the operation of the accelerator, brake, and clutch (if applicable) pedals to assure that the floor mat does not interfere with them."

**10v023** "Take out any removable driver's floor mat, place it in the trunk, and NOT replace it with any other floor mat until the campaign remedy has been implemented on your vehicle."

**10v024** "Take out any removable driver's floor mat, place it in the trunk, and NOT replace it with any other floor mat until the recall remedy has been performed on your vehicle."

**10v025** "Avoid extreme driving maneuvers at high speed, e.g., fast lane changes. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**10v047** "The rear seating row of your vehicle should be occupied by at most, two (2) persons. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

\*10v072 "If you experience any unusual looseness in your brake pedal, do not drive your vehicle and call your dealer or Infiniti Consumer Affairs at 1-800-662-6200 for further instructions."

**10v074** "It is important that you continue to maintain the fuel level in your vehicle so that the fuel gauge reads above the one half position until your service appointment."

**10v075** "...please maintain the fuel level in your vehicle so that the fuel gauge reads above the one half position"

**10v138** "We strongly recommend you not park your vehicle in a garage..."

**10v152** "BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**10v175** "If a RED air bag warning light located in your instrument cluster illuminates together with the YELLOW "Pass Air Bag Off" status light (located in the center display next to the clock) and stays on for longer than a few seconds, the passenger airbag in your vehicle will not operate. If this happens, you should take your car to an Infiniti dealer for repair as soon as possible, and you should not let anyone ride in the front passenger seat until the dealer has repaired your vehicle. If a YELLOW "Pass Air Bag Off" status light (located in the center display next to the clock) illuminates, but the RED air bag warning does not, this is normal and does not mean that that (sic) the passenger air bag is malfunctioning (see your Owners Manual). However, you should still bring your vehicle for repair at your earliest convenience."

**10v176** "In order to prevent this condition, after the vehicle battery is removed or replaced, drive the vehicle straight ahead at 10 mph or more for greater than 5 seconds, and at the very first vehicle stop, wait for more than 3 seconds before turning the ignition switch off. This should allow sufficient time for the Skid Control ECU to store the center position of the Steering Angle Sensor correctly."

\*10v196 "If you notice a fluid leak, do not operate the vehicle. Immediately contact your Subaru dealer for assistance. If you notice a loss of power, carefully steer the vehicle to a safe place on the side of the road. Turn the ignition off and do not operate the vehicle. Immediately contact your Subaru dealer for assistance"

\*10v215 "If you detect the odor of fuel or observe fuel on the ground, please contact your Lamborghini dealer to get your vehicle towed to service."

**10v222** "Remember to apply the parking brake whenever exiting your vehicle."

**10v233** "Should you need to adjust the tire pressure, please consult your vehicle's Owner's Manual for the correct pressure based upon your vehicle's specific tire size. You will find the tire size stamped on the sidewall of the tire. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**10v254** "BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

\*10v326 "There are several important precautions you should take until this recall has been performed: If you notice a groaning sound coming from the transmission area while driving, discontinue use of the vehicle and immediately contact your Subaru dealer for assistance. If you notice a loss of power, carefully steer the vehicle to a safe place on the side of the road. Turn the ignition off and do not operate the vehicle. Immediately contact your Subaru dealer for assistance."

\*10v331 "Review the odometer reading in the instrument cluster to track miles traveled and fill up every 200 miles or less. Before having the repair performed, drive to the nearest gas station and refuel your car. If you experience stalling while driving, pull over carefully as soon as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**10v374** "If power steering assist becomes inoperable, the power steering malfunction indicator light illuminates. Steering is still possible, but requires more physical effort. Should this situation occur, pull safely to the side of the road and turn off the engine. After a short period of time restart the engine. The power steering malfunction indicator light may go out, and power steering assist may return. Should you experience this condition, please contact an authorized Mazda dealer."

**10v392** "If it is determined that your növi is affected by this recall, you must immediately stop using the device until after Garmin has completed the recall service. Do not attempt to remove the battery yourself. Promptly discharge the battery in any recalled unit to eliminate the possibility of overheating. To safely discharge the battery, perform the following actions in order: (1) Disconnect the unit from the mounting on the dash. (2) Turn on the unit. The top right corner of the main menu displays the battery symbol and indicates the current battery charge level. (3) With the unit in the on position, allow the unit to completely discharge until the unit shuts off. (4) Do not recharge or continue to use the recalled unit."

**10v401** "DO NOT USE THE GPS UNIT. We urge you to go to the Garmin website immediately to check if your Garmin növi® 750 portable GPS unit is affected by entering the serial number located on the bottom of your unit. If your unit is affected, please follow the remedy

instructions provided on the Garmin website: www.garmin.com/nuvibatterypcbrecall. You may also call the Garmin 800 Number (866 957-1981) to determine if your GPS unit is affected and receive instructions on how to have it repaired. Customers should not go to the Nissan dealer to have their GPS unit repaired."

**10v436** "If your vehicle is not drivable due to corrosion in the bracket area, please call Honda Automobile Customer Service at 1-800-999-1009, and select option 4, to arrange to have your vehicle transported to a Honda dealership to be inspected and to receive an appropriate remedy."

\*10v446 "In the event you notice a decrease in power brake assist, do not continue to drive your vehicle. Immediately contact BMW Roadside Assistance at 1-800-332-4269 or your nearest authorized BMW center to have your vehicle brought to an authorized BMW center."

\*10v447 "In the event you notice a decrease in power brake assist, do not continue to drive your vehicle. Immediately contact Rolls-Royce Roadside Assistance at 1-877-671-3029, or your nearest authorized Rolls-Royce dealer, to have your vehicle brought to an authorized Rolls-Royce dealer."

**10v499** "In the event the brake warning light has illuminated and/or you notice the feel of the brake pedal change, please verify the brake fluid level in the reservoir. If the brake fluid level is low it is an indication that brake fluid is leaking. Please add DOT3 brake fluid and make an appointment to have this remedy completed immediately."

\*10v518 "If you experience engine stalling while driving, pull over carefully as soon as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW SAV center."

**10v566** "Please stop using your Garmin portable GPS device immediately, and visit the Garmin website below to determine if your unit is affected. Vehicle owners should not visit a Volvo retailer for this Garmin recall repair. www.garmin.com/nuvibatterypcbrecall"

**10v575** "Please place the enclosed Owner Manual Supplement in your Owner Manual in the Seats and Restraint section for future reference. Because a child in a child restraint in the front center seat position can be seriously injured or killed by the frontal airbags if they inflate, Isuzu does not recommend installing child restraints in the front center seat position."

\*10V599 "Immediately check the Low Brake Fluid Level Warning Light on your instrument panel. If it is illuminated, DO NOT DRIVE your vehicle. Contact Kia Roadside Assistance (800) 333-4KIA (4542) to have your vehicle towed to the nearest Kia dealer at no cost to you. If the

Low Brake Fluid Level Warning Light is NOT illuminated, please contact your Kia dealer as soon as possible to schedule a service appointment. The actual time required to repair your vehicle can vary depending on the dealer's work load, therefore, we recommend scheduling a service appointment to minimize inconvenience. Please present this notice to your dealer at the time of your appointment."

\*10V613 "Until you have your vehicle inspected, frequently look at the Low Brake Fluid Level Warning Lamp on the instrument panel. If the warning lamp turns on and remains on, carefully drive to the nearest safe location and park your vehicle. DO NOT CONTINUE TO DRIVE your vehicle if the Low Brake Fluid Level Warning Lamp turns on and remains on. Contact Hyundai Roadside Assistance at 1-800-243-7766 to have your vehicle towed to the nearest Hyundai dealer at no charge to you."

**10V620** "Prior to your appointment, please be aware of the close proximity of the stop lamp switch bracket to the parking brake pedal, shown in the diagram below. You may minimize the possibility of this condition occurring until the remedy is performed by assuring the bracket is not bent. We apologize for any inconvenience created by this condition."

**10V621** "Affected vehicles can continue to be driven as usual, but if you can smell fuel in the vehicle proceed immediately to the nearest authorized Volkswagen dealer or qualified workshop if you believe that it is safe to do so in order to have the fuel system on the vehicle inspected."

**10v643** "If your vehicle has not been serviced for the safety issue described in this letter, DO NOT DRIVE YOUR VEHICLE. Contact your GM dealer immediately for additional information and instructions regarding this recall."

## **Appendix F**

## **2011** Recalls with Risk Mitigation Instructions in Part 577 letters

Recalls that contain Do Not Drive instructions are starred with an asterisk (\*) in this appendix. 2011 Recalls with Do Not Drive instructions also appear separately in appendix B, however, they are included here so that this appendix can stand alone as the complete list of Risk Mitigation Instructions

\*11v007 "Contact your GM dealer immediately for additional information and instructions regarding this recall."

**11v112** "Until the remedy parts are available, you may minimize the possibility of this condition occurring by verifying that the forward Retention Clip is properly installed and the Floor Carpet Cover is not leaning. The location of the forward retention clip is depicted in the diagram. If you are not comfortable conducting the inspection, any Toyota dealer will be happy to perform the interim inspection at no charge."

11v113 "Until these important remedies are completed, we request that you take out any removable driver's floor mat, place it in the trunk, and NOT replace it with any other floor mat until the campaign remedy has been implemented on your vehicle. If you have an optional genuine Lexus All Weather Floor Mat, please bring it to the dealership at the time of your remedy. In the event you choose not to take out your removable floor mat, Lexus strongly recommends that you ensure that the correct floor mat is being used, that it is properly installed and secured, that it is not flipped over with the bottom-side up, and that one floor mat is not stacked over another. Please visit http://www.lexus.com/floormats for additional information. What should you do if you experience accelerator pedal interference? Should the vehicle continue to accelerate rapidly after releasing the accelerator pedal, this could be an indication of floor mat interference. If this occurs, Lexus recommends you take the following actions: First, if it is possible and safe to do so, pull back the floor mat and dislodge it from the accelerator pedal; then pull over and stop the vehicle. If the floor mat cannot be dislodged, then firmly and steadily step on the brake pedal with both feet. Do NOT pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle. Shift the transmission gear selector to the Neutral (N) position and use the brakes to make a controlled stop at the side of the road and turn off the engine. If unable to put the vehicle in Neutral, turn the engine OFF by firmly and steadily pushing the Engine Start/Stop button for at least three seconds. Do NOT tap the Engine Start/Stop button. This will not cause loss of steering or braking control, but the power assist to these systems will be lost. Please place this letter in your Owner's Manual for future reference."

**11v139** "Until this repair is completed, the vehicle can be driven. However, as a precaution, all drivers are advised to remove all objects from the FOBIK (such as additional keys, key chains, etc.) and ensure that the FOBIK is securely and correctly aligned in the "On" position and not aligned between the "On" and "Accessory" position before driving the vehicle."

**11v151** "Until this repair has been completed, affected vehicles can continue to be driven as usual. However, as a precaution, customers are advised to remove all objects from the key fob (such as additional keys, key chains, etc.). This may help lessen the likelihood that the vehicle will experience the problem described in this recall. Additionally, the driver should ensure that the key is securely and correctly positioned in the RUN position before driving the vehicle."

\*11v153 "IMPORTANT NOTICE: Always engage the parking brake when placing your vehicle in Park. This is especially important until you can take your vehicle to the dealer to have this campaign performed."

**11v245** "You may reduce the risk of injury by having all occupants properly seated with their seat belts fastened, including all infant and child occupants fastened in child restraints, prior to turning on the vehicle ignition. All vehicle occupants should remain properly seated with their seat belts fastened while the vehicle is in operation. In addition, please pay close attention to the air bag warning light. The air bag warning light is designed to come on, during the ignition cycle check function, when the engine switch is turned to the "ON" position. The light then goes off after about 6 seconds. This means the system is operating as designed. If the airbag warning light (1) illuminates or remains illuminated after this 6 second check period, or (2) comes on while driving, or (3) at times previously stayed illuminated while driving, please contact your local Toyota dealer immediately for diagnosis and appropriate repair. If the problem is related to the issue addressed by this recall, the repair will be performed at no charge to you."

11v285 "The necessary replacement work will take approximately 1.5 to 3 hours to perform and will be done at no cost to you. Until you have had this work performed, do not use your vehicle on the race course or for any competitive event. If you have used your vehicle for such events, Porsche recommends extreme caution driving your vehicle until the new hubs have been installed. If you do not wish to drive your vehicle during this period, Porsche will compensate you for alternate transportation. Porsche also has issued revised instructions for the usage of your center-locking wheels. Enclosed with this letter is a supplementary insert for your Porsche Owner's Manual. Please familiarize yourself with its contents. The new page has an adhesive backing. It should be affixed in the "Practical Tips, Emergency Service" section in your Owner's Manual. If you prefer, please bring the new Owner's Manual page with you when you bring your Porsche vehicle to your authorized Porsche dealer to have this recall service performed. They will be pleased to affix the supplementary insert for you."

- \*11v332 "If you experience stalling while driving, pull over carefully as soon as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- \*11v341 "If you experience a loss of power steering assist while driving, a yellow warning symbol in the instrument cluster will illuminate, accompanied by a short message in the instrument cluster to drive moderately. You may continue to drive your vehicle, but drive cautiously and carefully. If you feel uncomfortable with this condition then you should pull over carefully as soon as possible to a safe location and away from traffic; do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- \*11v438 "If one of the tail lamp warning symbols appear (4), please drive carefully and cautiously, as the driver of the vehicle behind you may not notice that one of the rear lamps are not working. If this condition is present, and if you feel unsafe, please contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- \*11v441 "If you encounter a non-starting condition, your vehicle may be experiencing this condition. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- **11v467** "There are two important precautions you should take until this repair has been performed: Do not operate the moonroof. It should be left in the fully closed position. If you notice that the moonroof glass is loose, do not operate the vehicle. Immediately contact your Subaru dealer for assistance."

\*11v469 "There are several important precautions you should take until this repair has been performed: Be sure the cowl area where the windshield wipers park, when turned off, is free of any obstructions. If you notice or smell smoke in the front cowl area of the vehicle, be sure the ignition switch is in the "off" position and do not operate the vehicle. Immediately contact your Subaru dealer for assistance. As a precautionary measure, it is highly recommended that you not park your vehicle in a garage, car port or other structure."

11v473 "Always have your front passenger wear his or her seatbelt. Seatbelts are the most important safety device available. Children under 12-years old and younger should sit in the backseat, using age-appropriate and size-appropriate child seats, boosters and seatbelts as warranted for the particular seat. Additional information on child passenger safety and seating positions is available to the public at www.safercar.gov. When an adult is in the front passenger seat, and after starting your engine, check the center instrument panel to see if the "PASSENGER AIRBAG OFF" light is illuminated. If the PASSENGER AIRBAG OFF light is illuminated with an adequately sized adult present, reset the OCS by either turning the engine off and on, or having the passenger get off the seat cushion for 3 seconds. Then have the front passenger sit "with the seat in an upright position, centered on the seat cushion, with the person's legs comfortably extended, feet on the floor, and wearing the safety belt properly" as provided by the Owner's Manual. Classification of the front passenger should occur immediately, but can take as long as 15 seconds with certain persons, and occasionally as long as 30 seconds to complete. (Longer is possible in very cold weather). After this classification, the front passenger can adjust his or her seating position without changing the working status of the airbag, so long as the engine remains on and the occupant does not get completely off of the seat cushion."

\*11v476 "If this condition is occurring, pull over carefully as as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

\*11v510 "Prior to the issue of the campaign, we recommend that you monitor your vehicle closely for indications of oil leaks. If an oil cooler line failure occurs the driver may observe one or more of the following warning signs: (1) Oil pressure warning light illuminated whilst the engine is running; (2) Signs of oil under the front or rear of the vehicle whilst the vehicle is parked; (3) Excessive oil consumption; (4) Trail of oil on the road; If you observe any of the above before driving, do not drive the car and contact your Lotus dealer. If your oil pressure warning light illuminates whilst driving, or if you have any other reason to suspect that an oil

line has become detached, stop your vehicle immediately in a safe and controlled manner and contact your Lotus dealer."

\*11v521 "PRECAUTIONS FOR YOUR SAFETY 1. CONTACT YOUR AUTHORIZED BMW CENTER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE. 2. If the water pump fails, or if there is a reduction in engine cooling, a warning message will, in most cases, appear in the instrument cluster's "message center" during driving and when stopping the vehicle. 3. In some cases, a plastic burning smell, or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warnings occur, pull off the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell, or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest Authorized BMW Center. 4. BMW recommends parking your vehicle outdoors until repairs have been performed. 5. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. 6. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information. "

\*11v522 "PRECAUTIONS FOR YOUR SAFETY 1. CONTACT YOUR AUTHORIZED ROLLS-ROYCE DEALER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE. 2. If the water pump fails, or if there is a reduction in engine cooling, a warning message will, in most cases, appear in the instrument cluster's "message center" during driving and when stopping the vehicle. 3. In some cases, a plastic burning smell, or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warnings occur, pull off the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell, or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Do not continue to drive your vehicle. Contact Rolls-Royce Roadside Assistance at 1-877-671-3039 immediately to have your vehicle brought to the nearest Authorized Rolls Royce Dealer. 4. Rolls-Royce recommends parking your vehicle outdoors until repairs have been performed. 5. Rolls-Royce recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times. 6. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**11v562** "If the brake master cylinder were to malfunction, brake pedal travel distance will increase. The driver might misjudge the amount of brake pedal travel required to achieve the desired stopping distance, increasing the risk of a crash. There are several important precautions you should take until this repair has been performed: If you experience the

condition described above while braking, continue to apply steady pressure on the brake pedal until the vehicle comes to a stop. Immediately contact your Subaru dealer for assistance. Always maintain a safe distance from other vehicles while driving. The normally recommended minimum distance is one car length of space for every 10 mph of speed. As a precautionary measure, it is highly recommended that you use extra care while operating the vehicle in confined areas such as parking lots and while parking your vehicle in a garage, car port or other structure."

**11v591** "Please follow the instructions shown in your vehicle's Owner Manual when using the "M" or manual mode. For your convenience, a copy of these instructions can be found on the reverse side of this letter. We also recommend that you upshift regularly to avoid driving in manual mode and first gear for more than 5 minutes at an engine speed of 4,000 RPM or more."

\*11v598 "If you choose to charge and/or drive your vehicle prior to having this service performed, please be aware of this condition. For your convenience, or, if you are not comfortable using the vehicle before the battery has been replaced, your Fisker retailer will arrange to pick up your vehicle and return it to you after it has been serviced."

# Appendix G

## 2012 Recalls with Risk Mitigation Instructions in Part 577 letters

Recalls that contain Do Not Drive instructions are starred with an asterisk (\*) in this appendix. 2012 Recalls with Do Not Drive instructions also appear separately in appendix C, however, they are included here so that this appendix can stand alone as the complete list of Risk Mitigation Instructions

**12V005** "Until Safety Recall 11S24 is performed, it is recommended that you park your vehicle outdoors away from structures to prevent a potential fire from spreading in the unlikely event that your ASS module develops an electrical short."

- \*12V008 "1. Contact your authorized MINI dealer immediately to have the necessary repair performed as soon as possible.
- 2. In some cases, a plastic burning smell or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warning occur, pull of the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Do not continue to drive your vehicle. Contact MINI Roadside Assistance at 1-866-646-4772 immediately to have your vehicle brought to the nearest authorized MINI dealer.
- 3. MINI recommends parking your vehicle outdoors until repairs have been performed.
- 4. MINI recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times.
- 5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- **12V016** "Until Safety Recall 6712A is performed, it is recommended that you park your vehicle outdoors away from structures to prevent a potential fire from spreading in the unlikely event that your ABS module develops an electrical short.
- **12V019** "1. Contact your authorized BMW SAV Center immediately to have the necessary repair performed as soon as possible.
- 2. You may continue to drive your vehicle but, when parking and before leaving your vehicle, please make sure that the parking position "P" is engaged AND the parking brake is engaged.
- 3. Do not park on a hill/incline.
- 4. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times.

5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**12V076** "Please maintain the fuel level in your vehicle so that the fuel gauge reads above the one quarter position."

**12V088** "In the meantime, please maintain the fuel level in your vehicle so that the fuel gauge reads above the one half position. If your fuel gauge always indicates full, please use your odometer trip meter to measure your mileage in between fill-ups. We recommend you fill up every 250 miles."

**12V099** "A CRS should NOT be used in the rear seat center position until the seatbelt assembly has been repaired."

- \*12V126 "1. Contact your authorized BMW SAV Center immediately to have the necessary repair performed as soon as possible.
- 2. If you encounter a plastic burning smell or burning and/or smoke from the rear of the vehicle, your vehicle may be experiencing this condition. If driving, pull off the road to a safe location away from traffic, and switch off the engine. Do not open the trunk lid. All occupants should carefully exit the vehicle and move to a safe location away from traffic. Do not continue to drive your vehicle. Call 911 for emergency assistance. Also, contact BMW Roadside Assistance at 1-800-332-4269 to have your vehicle brought to the nearest authorized BMW center.
- 3. As a precaution, owners are advised to park outside until the Recall has been completed.
- 4. If you are not the only driver of this vehicle please advise all other drivers and passengers of this important information."
- \*12V161 "1. Contact your authorized BMW SAV Center immediately to have the necessary repair performed as soon as possible.
- 2. If the water pump fails, or if there is a reduction in engine cooling, a warning message will, in most cases, appear in the instrument cluster's "message center" during driving and when stopping the vehicle.
- 3. In some cases, a plastic burning smell or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warning occur, pull of the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-2332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.

- 4. BMW recommends parking your vehicle outdoors until repairs have been performed.
- 5. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times.
- 6. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- \*12V166 "1. Contact your authorized Rolls-Royce dealer immediately to have the necessary repair performed as soon as possible.
- 2. If the water pump fails, or if there is a reduction in engine cooling, a warning message will, in most cases appear in the instrument cluster's "message center" during driving and when stopping the vehicle.
- 3. In some cases, a plastic burning smell or burning and/or smoke from the front of the vehicle may be noticed. Should any of these warning occur, pull of the road to a safe location away from traffic, and switch off the engine. If you notice a plastic burning smell or burning and/or smoke from the front of the vehicle, do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Do not continue to drive your vehicle. Contact Rolls-Royce Roadside Assistance at 1-877-671-3039 immediately to have your vehicle brought to the nearest authorized Rolls-Royce dealer.
- 4. Rolls-Royce recommends parking your vehicle outdoors until repairs have been performed.
- 5. Rolls-Royce recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times.
- 6. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.
- **12V221** "Until your vehicle is remedied, if it is safe and possible to do so, you can prevent the steering wheel from becoming off-centered by centering it when you park before turning the ignition "OFF"."
- **12V245** "If you are in a frontal collision before you have this recall repair performed, your brake pedal mount may break off if your foot is on the brake pedal at the moment of impact in order to help protect your leg from injury. However, such breakage may occur in a collision which still allows your vehicle to roll. Therefore, after any collision, set your parking brake to eliminate any possible additional vehicle movement and the risk of a further impact until you can confirm your vehicle's brake is functioning. Failure to do so could result in a secondary impact."
- \*12V267 "1. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.

- 2. If you experience loss of power steering assist while driving, pull over carefully as soon as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center
- 3. If you notice a burning smell or burning and/or smoke from the front of the vehicle, pull over carefully as soon as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Switch off the engine. Do not open the hood. All occupants should carefully exit the vehicle and move to a location away from traffic. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.
- 4. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.
- **12V299** "We recommend that you keep the sunroof shade fully closed when the vehicle is driven in very cold temperatures (below  $-4^{\circ}F$  /  $-20^{\circ}C$ ) until this recall repair has been completed. This will help minimize the chance of broken glass falling into the passenger compartment, should the front sunroof panel break when the vehicle is driven in very cold temperatures (below  $-4^{\circ}F$  /  $-20^{\circ}C$ )."
- \*12V302 "1. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible. For customers with a model year 2011 BMW ActiveE please contact your BMW ActiveE center.
- 2. If you need to locate the nearest authorized BMW ActiveE center, please contact BMW ActiveE customer relations at 1-855-236-1025, or via email at ActiveECustomerRelations@BMWUSA.com you can also contact BMW Roadside specifically for ActiveE at 1-800-497-9940.
- 3. If you experience a loss of power steering assist while driving, you may continue to drive your vehicle, but drive cautiously and carefully. If you feel uncomfortable with this condition, then you should pull over carefully as soon as possible to a safe location and away from traffic; do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 (1-800-497-9940 for ActiveE drivers) immediately to have your vehicle brought to the nearest authorized BMW center / BMW ActiveE center.
- 4. If the vehicle is experiencing this condition, the warning symbol depicted below will be illuminated yellow in the vehicle's instrument cluster. Please refer to the Description of Problem section above for more details regarding the warning symbol.
- 5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**12V305** "Until these important remedies are completed, we request that you take out any removable driver's floor mat, place it in the trunk, and NOT replace it with any other floor mat until the campaign remedy has been implemented on your vehicle.

If you have an optional genuine Lexus All Weather Floor Mat, please bring it to the dealership at the time of your remedy.

In the event you choose not to take out your removable floor mat, Lexus strongly recommends that you ensure that the correct floor mat is being used; you may use the table below to confirm if your vehicle has the most current floor mat part number installed. If your vehicle has the most current floor mat installed ensure that it is properly installed and secured, that it is not flipped over with the bottom-side up, and that one floor mat is not stacked over another. If your vehicle does not have one of these mats properly installed, please remove it immediately.

Floor Mat Type	Color	Correct Part Number
Carpet	Black	PT206-48100-22
	Dark Brown	PT206-48100-09
Carpet (Premium)	Black	PT919-48100-20
	lvory	PT919-48100-01
	Gray	PT919-48100-12
Lexus All Weather Floor Mat	Black	PT908-48102-02

#### What should you do if you experience accelerator pedal interference?

Should the vehicle continue to accelerate rapidly after releasing the accelerator pedal, this could be an indication of floor mat interference. If this occurs, Lexus recommends you take the following actions:

First, if it is possible and safe to do so, pull back the floor mat and dislodge it from the accelerator pedal; then pull over and stop the vehicle.

If the floor mat cannot be dislodged, then firmly and steadily step on the brake pedal with both feet. Do NOT pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle.

Shift the transmission gear selector to the Neutral (N) position and use the brakes to make a controlled stop at the side of the road and turn off the engine.

If unable to put the vehicle in Neutral, turn the engine OFF by firmly and steadily pushing the Engine Start/Stop button for at least three seconds. Do NOT tap the Engine Start/Stop button. This will not cause loss of steering or braking control, but the power assist to these systems will be lost.

Please place this letter in your Owner's Manual for future reference."

\*12V336 "Until the recall service has been completed, DO NOT DRIVE YOUR VEHICLE. Please contact your dealer immediately to make arrangements for your vehicle to be transported to the dealership to have Safety Recall 12S35 performed."

**12V353** "You can avoid this condition by not fully or almost-fully depressing the accelerator pedal until the vehicle is repaired. Should you experience what you believe is a stuck throttle in this or any other vehicle, you should firmly and steadily apply the brakes without pumping the brake pedal, shift to neutral, steer the vehicle to a safe location and shut the engine off after the vehicle is safely stopped."

**12V357** "You can temporarily reduce the possibility of this condition occurring by not fully or almost-fully depressing the accelerator pedal until the vehicle is repaired. If you experience what you believe is a stuck throttle in this or any other vehicle, you should firmly and steadily apply the brakes without pumping the brake pedal, shift to neutral, steer the vehicle to a safe location and shut the engine off after the vehicle is safely stopped,"

**12V373** "Until these important remedies are completed, we request that you take out any removable driver's floor mat, place it in the trunk, and NOT replace it with any other floor mat until the campaign remedy has been implemented on your vehicle. If you have an optional genuine Lexus All Weather Floor Mat, please bring it to the dealership at the time of your remedy.

In the event you choose not to take out your removable floor mat, Lexus strongly recommends that you ensure that the correct floor mat is being used; you may use the table below to confirm if your vehicle has the most current floor mat part number installed. If your vehicle has the most current floor mat installed ensure that it is properly installed and secured, that it is not flipped over with the bottom-side up, and that one floor mat is not stacked over another. If your vehicle does not have one of these mats properly installed, please remove it immediately. Should the vehicle continue to accelerate rapidly after releasing the accelerator pedal, this could be an indication of floor mat interference. If this occurs, Lexus recommends you take the following actions:

First, if it is possible and safe to do so, pull back the floor mat and dislodge it from the accelerator pedal; then pull over and stop the vehicle. If the floor mat cannot be dislodged, then firmly and steadily step on the brake pedal with both feet. Do NOT pump the brake pedal repeatedly as this will increase the effort required to slow the vehicle. Shift the transmission gear selector to the Neutral (N) position and use the brakes to make a controlled stop at the side of the road and turn off the engine.

If unable to put the vehicle in Neutral, turn the engine OFF by firmly and steadily pushing the Engine Start/Stop button for at least three seconds. Do NOT tap the Engine Start/Stop button. This will not cause loss of steering or braking control, but the power assist to these systems will

be lost.

Please place this letter in your Owner's Manual for future reference."

**12V398** "Please maintain the fuel level in your vehicle at ½ tank of fuel, or more, until you have your vehicle inspected by an authorized Infiniti retailer."

**12V406** It is advised that you park the vehicle outdoors until it has been remedied.

\*12V430 "If you detect the presence of red fluid on the floor at the rear left side of your vehicle or smoke occurring in the same area, please contact your Lamborghini dealer to get your vehicle towed."

**12V443** "It is recommended that the lift not be used until the corrective procedures associated with

this recall are completed.

- \*12V475 "1. BMW recommends that you do not continue to drive your vehicle. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.
- 2. If you continue to drive your vehicle and this condition occurs, you may hear a noise and/or feel a vibration coming from the front of the vehicle. .
- 3. If there is a sudden loss of oil pressure, the low oil pressure warning indicator illuminated in red and warning message "Engine oil pressure; Stop carefully" will be displayed in the instrument cluster. An additional warning message will be displayed in the vehicle's control display as follows: "Engine oil pressure too low: Stop carefully and stop engine. Risk of engine damage with continued driving. Call Roadside Assistance."
- 4. If the condition in #2 or3 occurs, carefully move away from traffic and pull over to a safe location as soon as possible. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.
- 4. If the vehicle is experiencing this condition, the warning symbol depicted below will be illuminated yellow in the vehicle's instrument cluster. Please refer to the Description of Problem section above for more details regarding the warning symbol.
- 5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.

**12V486** "As a precaution, owners are advised to park outside until the recall repair has been performed.

**12V491** "In the meantime, do not attempt to make repairs by applying commercially available chemicals (for example, lubricants or cleaners) into the PWMS assembly. Doing so may cause Page | 42

the assembly to smoke, melt or under some circumstances cause a fire. In the event commercially available chemicals have already been applied to the PWMS assembly, please make an appointment with your dealer as soon as possible to have the PWMS assembly inspected."

**12V502** "Failure to observe the following precautions could increase the risk of vehicle rollaway and may cause personal injury.

- 1. When parking your vehicle:
- Press the engine Start/Stop button only once to turn off the engine.
- Confirm that the transmission is in Park ("P").
- Please always use the parking brake before exiting the vehicle. Even on what may appear to be a level parking surface, any vehicle left in Neutral (N) without using the parking brake can roll away. Pay attention to any audible warning sounds or visual symbols coming from your vehicle, such as a gong or message on your dashboard.
- 2. Please consult your Owner's Manual for further information. You may also contact BMW Customer Relations and Services at 1-800-525-7417, or via email at CustomerRelations@bmwusa.com.
- 3. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.
- \*12V504 "1. BMW recommends that you do not continue to drive your vehicle. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.
- 2. If the door does not close or stay latched, do not continue to drive your vehicle. Do not attempt to drive while trying to hold the door closed. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.
- 3. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times.
- 4. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

12V525 "Do not use that seating position until the new head restraint is installed."

- \*12V550 "1. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.
- 2. If there is a sudden loss of power steering assist, manual steering capability is still retained, although additional effort will be required to steer the vehicle.

- 3. If there is a sudden loss of power steering assist the alternator warning lam (the battery symbol) will illuminate in the vehicle's instrument cluster, along with the warning message "Charging malfunction." The message "Charging malfunction: Battery is not recharging. Stop carefully. Consult nearest service center." Will also be displayed.
- 4. If you experience loss of power steering assist while driving, pull over carefully as soon as possible to a safe location and away from traffic. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center
- 5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- **12V602** "There are several important precautions owners of vehicles equipped with optional puddle lights should take until this repair has been performed:
- If you notice or smell smoke in the left or right rocker panel area of the vehicle, be sure the ignition switch is in the "off" position and do not operate the vehicle. Immediately contact your Subaru dealer for assistance.
- As a precautionary measure, it is highly recommended that you not park your vehicle in a garage, car port or other structure."

# Appendix H

## **2013** Recalls with Risk Mitigation Instructions in Part 577 letters

Recalls that contain Do Not Drive instructions are starred with an asterisk (\*) in this appendix. 2013 Recalls with Do Not Drive instructions also appear separately in appendix D, however, they are included here so that this appendix can stand alone as the complete list of Risk Mitigation Instructions

### \*13V017 "Precautions for your safety:

- 1. Contact your authorized BMW ActiveE Center immediately to have the necessary repair performed as soon as possible.
- 2. If you need to locate the nearest authorized BMW ActiveE center, please contact BMW ActiveE customer relations at 1-855-236-1025, or via email at ActiveECustomerRelations@BMWUSA.com you can also contact BMW Roadside specifically for ActiveE at 1-800-497-9940.
- 3. If this condition occurs while driving, your vehicle will lose power. If this happens, carefully move away from traffic and pull over to a safe location; do not continue to drive your vehicle. Contact BMW ActiveE Roadside Assistance at 1-800-497-9940 immediately to have your vehicle brought to the nearest authorized BMW ActiveE center.
- 4. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

**13V030** "In the meantime, please make sure to clear off any heavy snow and/or ensure the wipers are not frozen to the windshield before turning them on.

In the event this condition occurs while driving in inclement weather, safely move the vehicle to the shoulder of the road or another safe location, until you can see to drive safely."

\*13V031 "If your vehicle's brake warning light illuminates and the brake warning buzzer is heard, do not drive your vehicle.

Please immediately contact your local certified i-MiEV dealer for repair."

\*13V041 "If an oil cooler line failure occurs the driver may observe one or more of the following warning signs:

- (1). Oil pressure warning light illuminated whilst the engine is running;
- (2). Signs of oil under the front or rear of the vehicle whilst the vehicle is parked;
- (3). Excessive oil consumption;
- (4). Trail of oil on the road;

If you observe any of the above before driving, do not drive the car and contact your Lotus dealer. If your oil pressure warning light illuminates whilst driving, or if you have any other reason to suspect that an oil line has become detached, stop your vehicle immediately in a safe and controlled manner and contact your Lotus dealer."

#### \*13V044 "PRECAUTIONS FOR YOUR SAFETY

- 1. CONTACT YOUR AUTHORIZED BMW CENTER IMMEDIATELY TO HAVE THE NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.
- 2. If your vehicle does not start, contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.
- 3. If you notice a momentary flickering of the display in the instrument cluster during driving or a momentary (less than one second) engine shutdown, carefully move away from traffic and pull over to a safe location as soon as possible. Do not continue to drive your vehicle. Contact BMW Roadside Assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.
- 4. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."

#### \*13V045 "PRECAUTIONS FOR YOUR SAFETY

1. CONTACT YOUR AUTHORIZED BMW CENTER IMMEDIATELY TO HAVE THE

#### NECESSARY REPAIR PERFORMED AS SOON AS POSSIBLE.

- 2. If this condition occurs on your vehicle, manual braking is still available to slow and stop the vehicle.
- 3. IN THE EVENT YOU NOTICE A DECREASE OF POWER BRAKE ASSIST, DO NOT CONTINUE TO DRIVE YOUR VEHICLE. Carefully move away from traffic and pull over to a safe location as soon as possible. Contact BMW Roadside Assistance at 1-800-332-4269 to have your vehicle brought to the nearest authorized BMW center.

- 4. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- **13V061** "There are several important precautions you should take until this repair has been performed:
- The batteries should be removed from the RES transmitter fobs rendering them completely inoperable. (See battery removal instructions at the end of this letter.)
- As a precautionary measure, it is highly recommended that you not park your vehicle in an enclosed garage unless the transmitter fob batteries have been removed or the fobs replaced."
- **13V069** "If the red air bag warning light in your vehicle continuously illuminates after the vehicle is started, please take your vehicle to the dealership as soon as possible. In the interim do not allow passengers to ride in the passenger seat."
- \*13V077 "There are two important precautions you should take until this repair has been performed:
- •Do not operate the moonroof. It should be left in the fully closed position.
- If you notice that the moonroof glass is loose, do not operate the vehicle. Immediately contact your Subaru dealer for assistance."
- \*13V078 "There are several important precautions you should take until this repair has been performed:
- •Be sure the cowl area where the windshield wipers park, when turned off, is free of any obstructions.
- •If you notice or smell smoke in the front cowl area of the vehicle, be sure the ignition switch is in the "off" position and do not operate the vehicle. Immediately contact your Subaru dealer for assistance.
- •As a precautionary measure, it is highly recommended that you not park your vehicle in a garage, car port or other structure."
- \*13V103 "Contact your nearest Chrysler, Jeep, or Dodge dealer immediately to have your vehicle battery disconnected. Discontinue driving your vehicle. Do not park your vehicle in your garage, near other vehicles, or near any building/structure."
- \*13V110 "There are several important precautions you should take until this repair has been performed:

- If you experience the condition described above while braking, continue to apply steady pressure on the brake pedal until the vehicle comes to a stop. Immediately contact your Subaru dealer for assistance.
- If you notice fluid leaking from the vehicle, do not operate the vehicle. Immediately contact your Subaru dealer for assistance.
- If the brake system warning light remains illuminated on the instrument panel with the parking brake fully released, do not operate the vehicle. Immediately contact your Subaru dealer for assistance.
- Always maintain a safe distance from other vehicles while driving. The normally recommended minimum distance is one car length of space for every 10 mph of speed.
- As a precautionary measure, it is highly recommended that you use extra care while operating the vehicle in confined areas such as parking lots and while parking your vehicle in a garage, car port or other structure."
- \*13V114 "If your brake lights are not working properly, you may request that your vehicle be towed to the nearest Kia dealer at no cost to you by phoning Kia Roadside Assistance at (800)-333-4KIA (4252).
- \*13V139 "If you hear a noticeable noise or feel a vibration from the front wheels, stop driving your vehicle and contact your dealer as soon as possible to have the vehicle inspected."
- **13V158** "Note: We recommend that you refrain from placing anything in your trunk or putting the temporary spare into service until you have had your vehicle inspected."
- **13V159** "You should immediately remove the driver's carpeted floor mat from the vehicle and store it for future return. Do not replace it with any of the other mats."
- \*13V194 "You should immediately contact your Subaru Dealer for an appointment to have this repair performed at no cost to you. If you prefer not to operate your vehicle until repairs are made, please contact your nearest Subaru dealer to make arrangements to have your vehicle towed to that dealer at no cost to you.

There are several important precautions you should take until this repair has been performed. Never adjust the steering wheel tilt/telescopic position while driving. This may cause loss of vehicle control and result in personal injury. This applies even after the steering column in your vehicle has been replaced. The following precautions should be observed while the vehicle is safely stopped:

- •Before driving the vehicle, ensure the front wheels respond when the steering wheel is turned.
- •Do not adjust the steering wheel tilt/telescopic position until this repair is made. This may cause loss of vehicle control and result in personal injury."
- **13V239** "NOTE: To minimize the possibility of the above condition occurring, avoid high torque/heavy load driving maneuvers while in the four wheel drive mode."
- **13V260** "Because of the risk of fire, owners are advised to park their vehicle outside until it can be inspected or a replacement switch has been installed"
- **13V270** "If you need to use the child safety lock feature before Safety Recall 13S07 is completed, it is recommended that the child safety lock be set prior to each drive (see your Owner Manual for details)."
- **13V324** "Contact your Nissan dealer as soon as possible in order to arrange an appointment to have your vehicle repaired. However, if you observe that the rear seats on your 2014 Nissan Versa Note are not latching properly, please take your vehicle to a dealership immediately for diagnosis and repairs and do not let anyone ride in the rear seat until repairs are completed."
- **13V336** "Properly applying the parking brake will ensure your vehicle remains stationary while parked. This is always recommended and particularly important at this time. As indicated in your owner's manual, never rely on the transmission alone to hold the vehicle. To set the parking brake, press the brake pedal firmly and hold it down while applying the parking brake.

If the transmission fails to disengage from the park position when the select lever is moved out of the "P" (Park) position, immediately return the lever to the park position and turn the engine off. Do not attempt to "rock" the vehicle by pressing the accelerator pedal or switching between forward and reverse gears. Doing so could result in the vehicle moving unexpectedly and the driver losing control. Contact your Subaru dealer for assistance."

- **13V339** "1. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.
- 2. If you encounter a non-starting condition, your vehicle may be experiencing this condition. Contact BMW Roadside assistance at 1-800-332-4269 immediately to have your vehicle brought to the nearest authorized BMW center.
- 3. BMW recommends that you always wear your safety belt, and that all passengers are properly seated and restrained at all times.

- 4. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- **13V356** "When parking the vehicle on an incline, make sure to engage the parking brake in accordance with the instructions contained on page 5-33 of your owner's manual."
- **13V405** "Do not install a child or infant restraint system in the front passenger seat until your vehicle is repaired Suzuki recommends that whenever possible children should be seated in the rear seat. Likewise, do not have a small person, such as a child who has outgrown child restraints, or a very small adult, sit in the front passenger seat.

Consult your Vehicle Owners Manual for seating information. Lastly, please always be sure that all occupants wear their seat belts."

- **13V407** "1. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible.
- 2. If the vehicle is experiencing this condition, you may continue to drive your vehicle, but drive cautiously and carefully, as the driver of a vehicle behind you may not notice a bulb outage.
- 3. If this issue were to occur, the non-affected lamp and the center high-mounted stop lam (""third brake lamp"") would provide redundant lamp functions to the driver of a vehicle behind you.
- 4. If the vehicle is experiencing this condition, a number of visual and audible warning are provided. A warning symbol will appear in the vehicle's ""message center"" in the instrument panel. If the condition involves the turn signal, the turn signal symbol in the instrument panel flashes (and sounds) at twice its normal frequency. In addition, each time the vehicle is started, an audible signal is made.
- 5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- \*13V430 "If the MIL is illuminated, contact your Infiniti retailer immediately and it will make arrangements for an immediate repair. Do not continue using your vehicle with the MIL illuminated."
- **13V448** "We recommend that you keep the sunroof shade fully closed until this recall repair has been completed. This will help minimize the chance of broken glass falling into the passenger compartment, should the sunroof glass break."

- \*13V451 "If you notice that the Brake Warning Light in your Titan is illuminated, we strongly urge you to contact your Nissan dealer and bring your vehicle in for inspection as soon as possible. Do not continue driving with the Brake Warning Light on."
- **13V452** "Until you have your vehicle repaired, you should apply the park brake before you exit the vehicle to prevent the vehicle from moving unexpectedly."
- \*13V454 "1. Contact your authorized BMW Center immediately to have the necessary repair performed as soon as possible
- 2. If you notice a loss of power assist braking (greater pedal pressure is required), the vehicle may be experiencing this condition.
- 3. If this condition occurs, hydraulic brkaing (braking without power assist) remains available, although a longer distance would be needed to stop the vehicle.
- 4. If you notice a decrease of power brake assist, do not continue to drive your vehicle. Carefully move away from traffic and pull over to a safe location as soon as possible. Contact BMW Roadside Assistance at 1-800-332-4269 to have your vehicle brought to the neares authorized BMW center.
- 5. If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information."
- **13V456** "If you received this notice, we recommended that you do not allow passengers to ride in the front passenger seat until your vehicle is remedied."
- **13V500** "Until then, please read the accompanying instructions regarding steps you can take to prevent the unintended braking from occurring. A copy of these instructions, along with a helpful video tutorial can be found at www.recalls.honda.com.

#### STARTING YOUR VEHICLE

Follow this procedure every time you start your car in order to prevent unintended braking.

- 1. Start the engine but keep the vehicle stationary until the VSA indicator illuminates and then goes off. This will take about 2 seconds.
- 2. Before shifting out of PARK, make sure the front wheels point straight ahead.
- 3. Keep the front wheels in a straight ahead position for the first several feet as you initially operate your vehicle, in forward or reverse gear. This will allow the VSA system to properly complete calibration.

#### **VSA** Indicator

#### STARTING YOUR VEHICLE WITH THE WHEELS TURNED

If you need to turn the wheels as you initially drive away (curbside parking):

1. After starting the engine, there are two ways to drive the car until you can move to a safe location to perform the starting procedure:

Drive the vehicle at a speed of less than 25 miles per hour

OR

Switch OFF the VSA system by pressing the VSA OFF button [located on the driver's side instrument panel as shown]. When the VSA is off, the VSA activation indicator comes on as a reminder.

Note: For information about operating your vehicle with the Vehicle Stability Assist system turned off, refer to the "Driving" section in your vehicle Owner's Manual.

- 2. Proceed to drive and park your vehicle in a safe location, such as a driveway or parking lot and completely turn off the vehicle.
- 3. Perform the STARTING YOUR VEHICLE procedure found at the top of this page.

#### LX, DX and EX model shown

In the event the previous procedures were not performed, here is what to do if The VSA system inadvertently applies the brakes while you are driving:

- 1. Gently apply the brakes; this will immediately stop the self-braking action.
- 2. As soon as possible, either:

Drive the vehicle at a speed of less than 25 miles per hour.

OR

Switch OFF the VSA system by pressing the VSA OFF button [located on the driver's side instrument panel as shown]. When the VSA is off, the VSA activation indicator comes on as a reminder

Note: For information about operating your vehicle with the Vehicle Stability Assist system turned off, refer to the "Driving" Section in your vehicle Owner's Manual.

- 3. Proceed to drive and park your vehicle in a safe location, such as a driveway or parking lot and completely turn off the vehicle.
- 4. Perform the STARTING YOUR VEHICLE procedure found at the top of page 1."
- **13V502** "Until the recall is performed, the vehicle is still safe to drive. However, the front passenger seat should not be used under any circumstances due to the risks described above."
- **13V506** "Until the recall is performed, the vehicle is still safe to drive. However, in order to avoid running out of fuel, the fuel gauge should not be allowed to go lower than the ½ point; i.e., you should always refill while at least one-half tank of gas remains showing on the fuel gauge."
- **13V523** "In the event that your vehicle experiences this condition prior to having this recall performed, your vehicle can be restarted by following these steps:
- 1) Stop the vehicle, shift into park, and take your foot off the brake pedal.
- 2) Press the power button to shut off the vehicle.
- 3) Wait 60 seconds.
- 4) Restart the vehicle using normal start-up procedures."
- \*13V550 "If your vehicle is experiencing directional control issues (wobbling), contact Kia Roadside Assistance directly at 800-333-4542(4Kia) to request a tow to the nearest Kia dealer for repair.
- Read the information and follow the instructions in the "Underbody Maintenance" section of your owner's manual regarding the ongoing maintenance and cleaning of the underbody of your vehicle to limit the effects of road salt in the future."
- **13V583** "Ford will re-notify you by mail when replacement parts are available to address overheating. In the meantime,
- 1) If your vehicle exhibits symptoms of overheating, or an engine oil or coolant leak, please contact your dealer and request a service appointment for proper diagnosis and repair.
- 2) Maintain proper engine coolant level by following the Coolant Check procedure in the Maintenance section of your Owner's Manual to substantially reduce the risk of overheating leading to a fire."
- **13V584** "Ford will re-notify you by mail when replacement parts are available to address Page | 53

overheating. In the meantime,

- 1) If your vehicle exhibits symptoms of overheating, or an engine oil or coolant leak, please contact your dealer and request a service appointment for proper diagnosis and repair.
- 2) Maintain proper engine coolant level by following the Coolant Check procedure in the Maintenance section of your Owner's Manual to substantially reduce the risk of overheating leading to a fire."

# Appendix I

## **2010** Regional Recalls

10v007 Puerto Rico

10v008 20 salt belt states plus DC, KY, ND, SD, UT, NE, KS and AK

**10v065** U.S. salt-belt states, the adjoining states, cold weather states, and Canada

**10v105** Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, ● New Jersey, New York, Ohio, Pennsylvania, Rhode Island. Vermont, Washington D.C., West Virginia and Wisconsin

**10v160** The following 20 Severe Cold Climate States and the District of Columbia. CT, DE, IL, IN, KY, MA, MD, ME, MI, MN, NH, NJ, NY, OH, PA, RI, VA, VT, WI & WV

**10v385** Utah, Connecticut, Delaware, the District of Columbia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin.

**10v436** Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, the District of Columbia, West Virginia, Ohio, Indiana, Michigan, Illinois, Wisconsin, Minnesota, Iowa and Missouri, as well as Kentucky, which is not always considered to be in the "salt belt".

10v457 Puerto Rico

# Appendix J

# **2011** Regional Recalls

**11v030** Connecticut, Delaware, the District of Columbia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Utah, Vermont, West Virginia, and Wisconsin.

**11v244** Connecticut, Delaware, Iowa, Illinois, Indiana, Massachusetts, Maine, Maryland, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Washington D.C., West Virginia and Wisconsin.

**11v464** Connecticut, Maine, New Hampshire, Vermont, Delaware, Maryland, New Jersey, West Virginia, District of Columbia, Massachusetts, New York, Wisconsin, Illinois, Michigan, Ohio, Indiana, Minnesota, Pennsylvania, Iowa, Missouri, Rhode Island.

# **Appendix K**

## **2012** Regional Recalls

**12V085** "ORIGINALLY SOLD OR CURRENTLY REGISTERED IN CONNECTICUT DELAWARE ILLINOIS INDIANA IOWA MAINE MARYLAND MASSACHUSETTS MICHIGAN MINNESOTA MISSOURI NEW HAMPSHIRE NEW JERSEY NEW YORK OHIO PENNSYLVANIA RHODE ISLAND VERMONT WEST VIRGINIA WISCONSIN AND THE DISTRICT OF COLUMBIA"

**12V151** "Certain vehicles registered in areas with moderate to heavy annual snowfall. These areas are

listed below. Canada Indiana Nebraska South Dakota Alaska Iowa New Hampshire Utah Colorado Maine New Jersey Vermont Connecticut Maryland New York West Virginia Delaware Massachusetts North Dakota Wisconsin District of Columbia Michigan Ohio Wyoming Idaho Minnesota Pennsylvania Illinois Montana Rhode Island"

12V193 "CURRENTLY REGISTERED OR ORIGINALLY SOLD IN VIRGINIA"

12V194 "CURRENTLY REGISTERED OR ORIGINALLY SOLD IN VIRGINIA"

12V195 "Certain vehicles REGISTERED IN PUERTO RICO"

**12V306** "Certain vehicles ORIGINALLY SOLD OR ARE CURRENTLY REGISTERED IN THE STATES OF MAINE NEW HAMPSHIRE VERMONT MASSACHUSETTS RHODE ISLAND CONNECTICUT NEW YORK NEW JERSEY PENNSYLVANIA DELAWARE MARYLAND THE DISTRICT OF COLUMBIA WEST VIRGINIA OHIO INDIANA MICHIGAN ILLINOIS WISCONSIN MINNESOTA IOWA MISSOURI AND KENTUCKY."

**12V388** "Certain vehicles originally sold or currently registered in Connecticut Delaware Illinois Indiana Iowa Maine Maryland Massachusetts Michigan Minnesota Missouri New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont West Virginia Wisconsin and the District of Columbia."

**12V406** "Certain vehicles currently or previously registered in Connecticut, Delaware, District of Columbia, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, Wisconsin, New Brunswick, Newfoundland, Nova Scotia, Ontario, Prince Edward Island, Quebec, Europe, Japan, and Russia."

**12V459** "Certain vehicles originally sold or currently registered in Arkansas Arizona California Florida Nevada Oklahoma or Texas"

**12V542** "Certain vehicles originally sold or currently registered in the following cold climate states with high road salt usage: Connecticut Delaware Illinois Indiana Kentucky Maine Maryland Massachusetts Michigan Minnesota New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont Virginia West Virginia Wisconsin and the District of Columbia."

12V597 "Originally sold or currently registered in Arizona California Nevada and Texas"

# Appendix L

### **2013 Regional Recalls**

**13V081** Certain vehicles originally sold in or currently registered in Connecticut Delaware Illinois Indiana Iowa Maine Maryland Massachusetts Michigan Minnesota Missouri New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont West Virginia Wisconsin and the District of Columbia.

**13V385** The affected vehicles are currently registered or were originally sold in Connecticut Delaware the District of Columbia Illinois Indiana Iowa Kentucky Maine Maryland Massachusetts Michigan Minnesota Missouri New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont Virginia West Virginia and Wisconsin.

**13V093** Certain vehicles originally sold in or currently registered in Connecticut Delaware Illinois Indiana Iowa Kentucky Maine Maryland Massachusetts Michigan Minnesota Missouri New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont Virginia West Virginia Wisconsin and the District of Columbia.

**13V354** Certain vehicles originally sold in or currently registered in Connecticut Delaware Illinois Indiana Iowa Maine Maryland Massachusetts Michigan Minnesota Missouri New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont West Virginia Wisconsin and the District of Columbia.

**13V556** Certain vehicles sold in or currently registered in Massachusetts Maryland Michigan New Hampshire New York Pennsylvania Vermont Wisconsin Connecticut Delaware Iowa Illinois Indiana Maine Minnesota Missouri New Jersey Ohio Rhode Island West Virginia and the District of Columbia.

**13V547** Certain vehicles originally sold in or are currently registered in Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut New York New Jersey Pennsylvania Delaware Maryland the District of Columbia West Virginia Ohio Indiana Michigan Illinois Wisconsin Minnesota Iowa Kentucky and Missouri.

**13V550** Certain vehicles originally sold in or currently registered in Massachusetts Maryland Michigan New Hampshire New York Pennsylvania Vermont Wisconsin Connecticut Delaware Iowa Illinois Indiana Maine Minnesota Missouri New Jersey Ohio Rhode Island West Virginia or the District of Columbia.

**13V541** Certain vehicles originally sold in or currently registered in Florida Georgia Alabama Mississippi Louisiana and Texas.

**13V110** Certain vehicles currently or formerly registered in Connecticut Delaware Illinois Indiana Iowa Maine Maryland Massachusetts Michigan Minnesota Missouri New Hampshire New Jersey New York Ohio Pennsylvania Rhode Island Vermont West Virginia Wisconsin and the District of Columbia.