<table>
<thead>
<tr>
<th>NHTSA Recall #</th>
<th>Date of Notification</th>
<th>Make</th>
<th>Model</th>
<th>Model Year</th>
<th>Number of Vehicles</th>
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<tr>
<td>ALFA ROMEO</td>
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<td>95V-086</td>
<td>4-21-95</td>
<td>Alfa Romeo</td>
<td>164</td>
<td>1995</td>
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<td>DOM: 9/94-12/94</td>
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<td>Supplemental inflatable restraint caution label was not placed on driver's sun visor as required by FMVSS 208. Operators could fail to notice and heed warning label. Correct by installing warning label on driver's sun visor.</td>
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<td>BENTLEY</td>
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<td>97V-049</td>
<td>3-20-97</td>
<td>Bentley</td>
<td>Continental</td>
<td>1997</td>
<td>10</td>
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<td>DOM: 05/96-12/96</td>
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<td>Aluminum face trim panel on passenger airbag door can detach during airbag deployment. If this occurs during vehicle crash, vehicle occupants could be injured. Correct by replacing airbag doors with new door using different adhesive to attach panel.</td>
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<td>08V-072</td>
<td>02-15-08</td>
<td>Bentley</td>
<td>Continental Flying Spur</td>
<td>2004, 2006</td>
<td>4</td>
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<td>Mfg. Campaign No. RE08/01. DOM: 5/04-1/06. Replacement airbag trimmed covers have tethers of incorrect length which could result in damage to airbag itself during deployment and occupant injuries. Correct by replacing passenger's airbag cover.</td>
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<td>Continental GT</td>
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<td>BMW</td>
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<td>89V-179</td>
<td>10-23-89</td>
<td>BMW</td>
<td>635, M6</td>
<td>1988-89</td>
<td>4,452</td>
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<td>DOM: 06/87-04/89</td>
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<td>Threshold deployment level of frontal impact sensors is too sensitive to severe vertical motion. Airbag could deploy without actual crash or impact severe enough to cause visible damage to car; driver would not have protection expected in case of accident if system were left uncorrected. Correct by repairing frontal impact sensors to prevent undue sensitivity.</td>
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<td>96V-110</td>
<td>6-24-96</td>
<td>BMW</td>
<td>318i, 318iS, 325i, 325iS, 525iT, 525i, 535i, 735i, 735iL, 750iL, 850i, M5</td>
<td>1992</td>
<td>75,000</td>
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<td>DOM: 7/90-3/92</td>
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<td>Airbag contact ring locking tab located in steering wheel assembly can break without warning. If this happens, contact ring wiring could eventually break. airbag readiness indicator lamp (SRS or airbag) in instrument cluster will illuminate, and airbag would not deploy in event of frontal impact vehicle collision. Correct by replacing locking tab with one of different design.</td>
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<td>99V-063</td>
<td>3-26-99</td>
<td>BMW</td>
<td>323i, 328i</td>
<td>1999</td>
<td>34,698</td>
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<td>Side door-mounted airbags and head protection system airbags are unduly sensitive and deploy at inappropriate times. Correct by reprogramming central computer control module.</td>
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<td>99V-063.001</td>
<td>11-11-99</td>
<td>BMW</td>
<td>M3</td>
<td>1997–99</td>
<td>17,000</td>
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<td>DOM 3/97-8/99</td>
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<td>Vehicles have side airbag system consisting of door-mounted thorax airbags (rear door airbags are optional), Head Protection System (HPS) for front occupants, central electronic safing sensor</td>
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and diagnostic system, left and right satellite impact sensors, and associated wiring. This system is unduly sensitive to non-crash impacts, such as contacting large potholes or curbs. This could cause side airbag and HPS to deploy without actual side crash. In addition, Battery Safety Terminal (BST) could also activate, disconnecting starter cable from battery. In this case, vehicle's electrical system could continue to operate and engine would continue to run, but after stopping, could not be restarted. Correct by reprogramming central computer control module that regulates performance of all vehicle occupant protection systems.

02V-223 8-9-02 BMW 323I, 328I 1999–00 20,500
DOM-4/99-8/99. Side airbag system could deploy in non-crash impacts such as large potholes or curbs, causing serious injury if occupant's head is near bag. Correct by recalibrating central airbag control module.

04V-379 7-26-04 BMW 7-Series 2004 3,940
DOM: 3/04-6/04. Software programming of driver's seat occupant detection system (ODS) not able to reliably determine if driver's seat is occupied. In crash, driver's front airbag, head protection system, safety belt pretensioner, and knee airbags will not deploy, increasing risk of injury to occupant. Correct by reprogramming software for driver's seat occupant detection system.

07V-178 4-13-07 BMW 6-Series 2007 225
DOM: 9/06-10/07. Vehicles fail to meet FMVSS 208. Front passenger seat has sensing system to detect if seat is occupied and is programmed to detect if seat is occupied by small adult or child restraint seats. Placing child seats on front passenger seat is designed to result in automatic deactivation of front seat passenger's airbag. Sensing system may misinterpret properly seated small adult as one of these specific child seats, resulting in deactivation of front passenger airbag when airbag might be beneficial for adult, increasing risk of injury in crash. Correct by replacing front passenger seat sensor.

08V-384 08-05-08 BMW 5 Series, X3 2004-06 200,000
DOM: 7/03-11/05. Passenger seat occupant detection mat develops small cracks. If this occurs, front passenger airbags, with exception of head protection system, will be deactivated and airbag warning lamp as well as passenger airbag "on-off" lamp will be illuminated. Front passenger airbags will not deploy even if sufficiently severe accident occurs and occupant protection provided by system would be missing. Correct by reworking front passenger seat sensor mat so that external force application to seat does not cause crack to mat. BMW will also extend warranty on Vehicles to 10 years, unlimited mileage. On 2006 6 Series & X5, 2004-05 Z4, 2004-06 7 Series, BMW extended warranty to 10 years, unlimited mileage. Under extended warranty program in both recalled and non recalled models, occupant detection mat that crack will be replaced.

09V-257 07-08-09 BMW 1 Series, 3 Series 2008 2,350
DOM: 5/08-7/08. Incorrect crimp connectors may have been used on side airbag and belt tensioner wiring. Sufficient contact between crimp connectors and corresponding plug may not occur which could lead to increase in electrical resistance of connection. Side airbag and/or safety belt tensioner may not deploy and will not be able to properly protect occupant, injuries. Correct by replacing airbag and tensioner wiring.

CHRYSLER

90V-080 4-23-90 Chrysler LeBaron 1990 257
DOM: 11/89-12/89. On cars with grey interior, airbag inflator modules may not contain diffuser holes between igniter and propellant chambers. Airbags would not deploy in impact situation, which could lead to driver injury. Correct by replacing airbag inflator modules with properly matched modules.

90V-194 11-20-90 Chrysler LeBaron 1991 398
DOM: Plymouth Acclaim Spirit, Shadow
Mfg. Campaign No. 495. DOM: 9/90-10/90. Two airbag system front impact sensors may not be secured to their mounting brackets; airbag will not deploy in frontal collision if front impact sensors are not attached. Correct by repairing to assure proper attachment of sensors to their brackets.

95V-057 3-20-95 Jeep Cherokee 1995 70,000
DOM: 6/94-2/95. Some driver's side airbag modules were assembled without arming lever. This will cause airbag not to deploy in accident, and can result in personal injury. Correct by inspecting vehicles for presence of airbag module arming lever and replacing those airbag modules that are missing lever.

96V-060 4-3-96 Jeep Wrangler 1997 700
Mfg. Campaign No. 683. DOM: 1/96-2/96. Airbag electronic control module software contains error which can delay airbag deployment. Delayed deployment can cause increased injury to front seat vehicle occupants in collision. Correct by replacing airbag electronic control module on these vehicles.

97V-080 5-7-97 Jeep Dodge Dakota, Grand Cherokee, Wrangler 1997 125,000
DOM: 1/96-2/96. Airbag electronic control module software contains error which can delay airbag deployment. Delayed deployment can cause increased injury to front seat vehicle occupants in collision. Correct by replacing airbag electronic control module on these vehicles.

Mfg. Campaign No. 73. DOM: 07/96-09/96. Electrical circuit design allows inadvertent airbag deployment when vehicle’s ignition is turned off. Unexpected airbag deployment can result in occupant injury. Correct by replacing airbag electronic control module with newly designed module.

98V-046 3-5-98 Jeep Wrangler 1996–97 1,600
DOM: 01/96-07/97. In manual-steering vehicles, driver's side airbag “clock spring” wiring harness can break when turned to “full lock” turn position. If vehicle crashes, airbag would not deploy, increasing risk of serious injury to occupant. Correct by replacing clock spring harness in airbags.

98V-049 5-11-98 Dodge Intrepid 1998 54
Mfg. Campaign No. 777. DOM: 1/98-3/98. Passenger airbag module assemblies are missing components which could result in airbag failing to deploy in crash. Correct by replacing airbag module.

99V-002 1-4-99 Dodge Ram Van 1998 30,400

99V-023 2-4-99 Dodge Ram 1995–97 263,000
Mfg. Campaign No. 815. DOM: 8/94-8/97. Water and road salt on vehicle floor may come in contact with airbag electronic control module (ECM) located under driver's seat, module could deploy airbags. Correct by replacing airbag ECM with module that incorporates revised hardware and software.

99V-043 3-4-99 Plymouth Neon 2000 380

99V-113 5-6-99 Chrysler Town & Country Caravan, Grand Caravan 1993-95 736,824

99V-343 12-01-99 Dodge Intrepid Chrysler 300M, Concorde 2000 350
Mfg. Campaign No. 898. DOM: 9/00. Passenger airbags have defective aluminum extrusion sections that may not retain airbag door during deployment. Separated airbag door could injure vehicle occupant. Correct by replacing passenger airbag.

Mfg. Campaign No. 982. DOM: 8/96-10/00. Sound deadener material can become detached from clockspring cover and housing. When this occurs, material interferes with clockspring ribbon and causes open circuit. Driver airbag system will become disabled and airbag warning lamp will illuminate on instrument panel. Correct by replacing clockspring assembly

Mfg. Campaign No. A07. DOM: 1/01-11/01. In frontal offset collision, sharp edges on power steering pressure hose bracket could cut front impact sensor wiring insulation, causing short circuit in wiring. This could delay deployment of airbags, increasing risk of injury to seat occupant. Correct by wrapping front impact sensor wire harness with protective insulation.

Mfg. Campaign No. B13. DOM: 3/02. Passenger airbag wiring harness was improperly manufactured which could cause improper airbag deployment in crash. Correct by installing wiring jumper to existing circuitry.

Mfg. Campaign No. B24. DOM-1/95-3/98. Clockspring assembly wound incorrectly during vehicle assembly process, causing airbag warning lamp illumination, resulting in airbag open circuit and nondeployment of airbag. Correct by replacing clockspring assembly on all vehicles with 70,000 miles or less. Extended lifetime warranty placed on clockspring regardless of mileage.

Mfg. Campaign No. C14. DOM-9/02-10/02. Capacitor within airbag electronic control unit (ECU) can crack and airbag may not activate. This is signaled to driver by SRS warning lamp. Correct by replacing airbag ECU.

Mfg. Campaign No. D17. DOM: 3/98-8/00. Driver's air bag disabled due to failure of clockspring, located in hub of steering wheel. This will manifest itself through illumination of air bag warning lamp, and eventually results in driver's air bag open circuit. Correct by replacing clockspring assembly on all covered vehicles with 70,000 miles or less. For vehicles with more than 70,000 miles, provide extended lifetime warranty for clockspring.


Mfg. Campaign No. F39. DOM: 5/06-6/06. Airbag inflator connector for driver airbag may not have been incorrectly assembled. In crash, airbag may not inflate properly, resulting in injury. Correct by replacing airbag inflator wiring connector clips and installing in correct position.

Mfg. Campaign No. F39. DOM: 5/06-6/06. Airbag inflator connector for driver airbag may not have been incorrectly assembled. In crash, airbag may not inflate properly, resulting in injury. Correct by replacing airbag inflator wiring connector clips and installing in correct position.
Mfg. Campaign No. F40. DOM: 6/06-9/06 Pickups fail to meet FMVSS 208. Passenger airbag may deploy with excessive force when rear facing child seats are installed in right front passenger seat position. This can result in injury to child seat occupant in crash. Correct by replacing passenger airbag cushion and reprogramming occupant restraint controller.

07V-192 5-1-07 Chrysler Town & Country 2005 270,958
Dodge Caravan

Mfg. Campaign No. G09/X16. DOM: 4/03-2/05. Minivans are being recalled originally sold in or currently registered in 27 states plus District Of Columbia that use greater amounts of salt for winter road deicing. Up-front (UF) airbag sensors that contain brass bushings installed in these vehicles may corrode and crack allowing water to enter sensor. These sensors provide enhanced airbag performance in types of frontal crashes. With one or both of vehicle's UF sensors inoperative, occupants will not benefit from enhanced airbag protection that sensors would provide. Correct by replacing original UF airbag sensors with ones with greater corrosion resistance. Vehicles registered in other states will obtain lifetime free replacement of any UF sensor that fails.

07V-240 7-05-07 Chrysler Sebring 2007-08 798
Dodge Avenger


07V-246 06-07-07 Dodge Sprinter 2007 21
Freightliner Sprinter

Mfg. Campaign No. G20. DOM: 9/06-4/07. Side window airbag module diffuser material may contain hairline cracks. In crash with trigger signal for window bag module, diffuser may crack at beginning of airbag activation resulting in injury to seat occupant. Correct by replacing right, left, or both side window airbag modules.

09V-118 04-09-09 Dodge Journey 2009 4,314
Jeep Commander,
Grand Cherokee,
Wrangler 4-Dr 4x4

Mfg. Campaign No. J13. DOM: 2/09. Wiring may be reversed on steering column control module driver airbag squib connector. Driver's airbag may not deploy as intended and may not be able to properly protect occupant, injuries. Correct by inspecting driver's airbag squib wires and replacing steering column control module.

09V-454 11-25-09 Jeep Grand Cherokee 2010 2,977

Mfg. Campaign No. J33. DOM: 10/09-11/09. Passenger side airbag may not properly deploy through instrument panel tear seam and fail to properly protect passenger in event of crash, increasing risk of injury. Correct by replacing top cover of instrument panel.

10V-008 01-11-10 Chrysler Town & Country 2005-06 308,950
Dodge Caravan, Grand Caravan

Mfg. Campaign No. J38 - Airbag Sensor. DOM: 1/05-4/06. Front crash sensors may crack under environmental conditions and allow water to enter into sensor causing sensor to become inoperative and illuminate airbag warning light. If front crash sensors become inoperative, airbags may not deploy in crash. Correct by replacing front airbag sensors.

10V-611 12-08-10 Chrysler Town & Country 2008 299,635
Dodge Grand Caravan

Mfg. Campaign No. K25 - Airbag. DOM: 2/07-8/08. Vehicles may experience water leak at heating and air conditioner (hvac) drain grommet which can lead to illumination of airbag warning light and inadvertent airbag deployment. Inadvertent airbag deployment could result in injury to seat occupant in front of deploying airbag and/or vehicle crash. Correct by replacing hvac drain grommet.

10V-658 12-24-10 Dodge Journey 2009 64,934
Mfg. Campaign No. K07 - Airbag Wiring Harness. DOM: 11/07-11/08. Wires within front door wire harnesses may fatigue and break, which can interrupt circuits for side impact sensor(s), resulting in airbag warning lamp illumination and loss of side crash sensing capability. In crash, side airbag may not deploy and result in injuries. Correct by replacing left and right door wiring harnesses.

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<thead>
<tr>
<th>Veh.</th>
<th>Mfg. Date</th>
<th>Model</th>
<th>Yr.</th>
<th>M/F</th>
<th>VIN</th>
<th>Mfg. Campaign No.</th>
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<tbody>
<tr>
<td>11V-394</td>
<td>08-03-11</td>
<td>Chrysler Voyager &amp; Town &amp; Country</td>
<td>2008</td>
<td>299,718</td>
<td>Mfg. Campaign No. L01 - Airbag. DOM: 6/07-7/08. Vehicles may experience heating and air conditioner (HVAC) condensate leak from HVAC drain grommet onto occupant restraint control module, which can lead to illumination of airbag warning light and inadvertent airbag deployment without warning. This could result in injury to seat occupant in front of deploying airbag and/or vehicle crash. Correct by replacing airbag module.</td>
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<td>11V-528</td>
<td>11-02-11</td>
<td>Jeep Wrangler</td>
<td>2008-12</td>
<td>5,334</td>
<td>Mfg. Campaign No. L37 - Airbag. DOM: 2/07-10/11. Driver airbag clockspring assembly could experience broken electrical circuit resulting in airbag lamp illumination and airbag may not deploy. This can result in driver not being properly protected in crash, resulting in injuries. Correct by repairing.</td>
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<td>12V-391</td>
<td>08-08-12</td>
<td>Dodge Durango</td>
<td>2013</td>
<td>1,449</td>
<td>Mfg. Campaign No. M25 - Airbag. DOM: 4/12-7/12. Vehicles may have incorrect airbag occupant restraint control module. In side impact, rearward of second row seat, supplemental side air bag inflatable curtain may not deploy as intended, increasing risk of occupant injury. Correct by replacing module.</td>
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<td>12V-527</td>
<td>11-08-12</td>
<td>Jeep Grand Cherokee Liberty</td>
<td>2002-04</td>
<td>744,822</td>
<td>Mfg. Campaign No. M35 - Airbag Control Module. DOM: 1/01-5/03. Component in airbag control module may fail causing front airbags, side curtain airbags, and/or seatbelt pretensioners to deploy inadvertently while vehicle is operated. This may result in injury and crash. Correct by installing supplemental jumper harness to airbag control module.</td>
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<td>13V-040</td>
<td>02-06-13</td>
<td>Dodge Viper</td>
<td>2003-04</td>
<td>3,660</td>
<td>Mfg. Campaign No. N13 - Airbag Control Module. DOM: 11/01-6/04. Component in airbag control module may fail causing front airbags and/or seatbelt pretensioners to deploy inadvertently while vehicle is operated. This may result in injury and crash. Correct by installing supplemental jumper harness to airbag control module.</td>
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<td>13V-118</td>
<td>04-03-13</td>
<td>Chrysler Dodge 300 Challenger, Charger</td>
<td>2011-12</td>
<td>119,497</td>
<td>Mfg. Campaign No. N07 - Airbag. DOM: 4/11-12/11. Vehicles may have improperly sized terminal crimps on the seat side-airbag wiring harness which may cause seat side-airbags to malfunction and illuminate airbag warning light. In crash necessitating airbag deployment, airbags may not operate as designed, resulting in injury. Correct by replacing both driver and passenger seat airbag wiring harnesses.</td>
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**Coda Automotive**

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<tr>
<td>12V-409</td>
<td>08-20-12</td>
<td>Coda Coda</td>
<td>2012</td>
<td>78</td>
<td>Mfg. Campaign No. R84001 - Side Curtain Airbag. DOM: N/A. Side curtain airbags may not have been properly installed which could cause them to not deploy as intended. This may result in injury in crash. Correct by inspecting and repairing side curtain airbag installations as needed.</td>
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**DAEWOO**

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<th>Mfg. Campaign No.</th>
<th>DOM</th>
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<tr>
<td>02V-131</td>
<td>5-1-02</td>
<td>Daewoo Lanos</td>
<td>1998-02</td>
<td>70,015</td>
<td>Mfg. Campaign No. R84001 - Side Curtain Airbag. DOM: N/A. Side curtain airbags may not have been properly installed which could cause them to not deploy as intended. This may result in injury in crash. Correct by inspecting and repairing side curtain airbag installations as needed.</td>
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Vehicles fail to meet FMVSS 201 due to increased head injury should front seat passenger contact passenger side airbag cover. Correct by installing new energy absorbing airbag mounting brackets.

**FERRARI**

00V-098   3-21-00 Ferrari 360 Modena, F1 1999 132
Mfg Campaign No. 25. DOM: 12/98-9/99. Mounting of airbag electronic control unit (ECU) may not be suited for long term reliability. If left unchanged, mounting could become weak and ability of airbag ECU to sense crash would be impaired. If crash should occur, airbag may not deploy. Correct by installing longer screws, ensuring better tightening and securing of ECU to body element.

05V-020 01-20-05 Ferrari 612 2005 110
Mfg. Campaign No. 44. DOM: 5/04-1/05. Passenger vehicles have non-functioning button with words "passenger airbag off" etched into it. Button is located, along with LED light, on console adjacent to sun roof. Button does not deactivate passenger-side airbag, nor is LED light indication that passenger side airbag has been deactivated. Button is non-functional and cannot be depressed when pushed. Placement of infants and small children in front passenger seat could result in serious injury or death in event of crash in which passenger-side airbag deploys. Correct by replacing console with one which does not contain non-functioning button and LED light.

**FORD**

90E-043-1 10-26-90 Ford Crown Victoria 1990-91 172,000
Mercury Taurus, Tempo 1990
Lincoln Grand Marquis 1990-91
Sable, Topaz 1990
Continental 1990

On vehicles with TRW driver's side supplemental airbag modules, threaded inflator components may have been damaged during assembly which may allow components to separate when inflator receives signal to deploy airbag. This could allow hot combustion gases to escape into passenger compartment. Correct by replacing airbag modules.

93V-155 9-24-93 Ford F-150, F-250 1994 1,500
Design of airbag diagnostic monitor causes driver's side airbag to deploy when passenger door is slammed while ignition key is turned to start position. Inadvertent deployment of airbag can result in injury to driver. Correct by installing redesigned airbag diagnostic monitor. This is pre-delivery recall campaign. None of affected vehicles had been sold to consumers at time recall was initiated.

93V-169 10-15-93 Ford Probe 1994 217
If passenger-side airbag deploys in accident and there is no passenger in that seating position, airbag can detach from, and deform, mounting bracket. Installation of replacement passenger-side airbag would be impeded by damage to mounting bracket and would require more expensive repair work. This may deter vehicle owner from having repair made and replacement airbag installed, which would place future passengers at higher risk of injury in accident. Correct by installing airbag module with slightly revised door to improve fit and appearance and doubler on mounting bracket to more securely retain module. This is pre-delivery campaign. All vehicles should still be in dealer's inventory.

93V-184 11-10-93 Ford F-150, F-250 1994 3,322
Light duty trucks under 8,500 pounds GVWR were built with nonfunctional airbag diagnostic modules intended for certain vehicles over 8,500 pounds GVWR. Airbag will not deploy and airbag warning light will not function. This could result in reduced occupant protection in collision that should activate airbag supplemental restraint system. Correct by inspecting and installing correct airbag diagnostic module.
94V-197 10-11-94 Ford Escort 1995 29,000
DOM: 8/22/94-9/27/94. Two bolts that attach passenger side airbag supplemental restraint system module to instrument panel are missing. In frontal impact, module can come out of instrument panel. This would not restrain passenger and would result in increased risk of injury. Correct by inspecting and installing and torquing to specification mounting bolts for passenger side airbag.

94V-218 11-10-94 Ford Mercury Escort Tracer 1994-95 240
DOM: 9/7/94-10/20/94. Driver side airbag module can have inadequately welded inflator canister. In collision, weld seam can separate, causing airbag to fail to deploy properly and hot gases to be expelled from back of steering wheel. This can result in increased risk of personal injury from hot gases and airbag failure. Correct by installing new airbag module.

95E-006.002 2-23-95 Ford Contour, Crown Victoria, Mustang, Probe, Explorer, Windstar Lincoln Mercury Town Car Grand Marquis, Mystique 1995 8,600
DOM: 1/95-2/95. Passenger side airbag has inflator body that cracked during forming of curl that retains igniter plug in end of inflator. Also igniter end cap can separate from inflator. Passenger side airbag may not inflate properly resulting in reduced occupant protection in vehicle accident. If igniter end cap separates in frontal collision, hot gases can be released and ignite flammable material or cause burn injuries. Correct by removing and replacing passenger side airbag module.

96V-231 11-4-95 Lincoln Town Car 1997 742
Mfg. Campaign No. 96S58—Airbags. DOM: 10/14/96-10/17/96. Two bolts that attach driver airbag to steering wheel were not installed during vehicle assembly. In event of frontal collision, airbag module would stay in position during deployment. However, module could leave steering wheel cavity following airbag deployment. Correct by inspecting vehicles and install any missing bolts.

98E-020 8-24-98 Ford Part #F8DB-14385 N/A 470

Mfg. Campaign No. 98S34. DOM: 1/98-11/98. Cast tow hooks change crash pulse of vehicle in front barrier impacts. Airbag sensor was not calibrated to changed crash pulse which could cause airbags to deploy in lower speed impacts than design intent. Correct by replacing cast hooks with forged hooks.

99V-243 9-2-99 Ford Mercury Contour Mystique 1998 280,000
Mfg. Campaign No. 99S23—Airbag. DOM: 1/97-8/98. Airbag sensor wiring insulation can become brittle and crack over time due to environmental stress cracking of insulation. Airbag warning light can illuminate and disable airbag system. Correct by revising airbag sensor wiring insulation and installing airbag diagnostic monitor if airbag sensor light is illuminated.

00V-179 06-29-00 Ford Mercury Explorer Mountaineer 2000 3,002
Mfg. Campaign No. 00S17. DOM 6/00. Side airbags have revised level side crash sensor that could deploy side airbag if ignition key is in “run” position and seatbelt webbing is forcibly extracted from locked retractor with jerking motion. Inadvertent side airbag deployment could cause injury to seat occupant. Correct by replacing side crash sensors with revised design.

00V-050 2-11-00 Ford Mercury Crown Victoria Grand Marquis 2000 39
Mfg. Campaign No. 00S02. DOM: 2/00. Bolts that attach airbag electronic crash sensor module to vehicle
have lower than intended level of torque. Loose module could result in delayed airbag deployment in crash. Correct by tightening airbag electronic crash sensor attaching bolts.

00V-270 9-12-00 Ford Crown Victoria, Windstar 2001 20,154
Lincoln Town Car
Mercury Grand Marquis

Mfg. Campaign No. 00S26. DOM: 3/00-9/00. Newly designed restraint control module (RCM) does not recognize system faults that result in airbag or seat belt pre-tensioner unexpectedly activating during self-test sequence at vehicle start-up, leading to personal injury. Correct by replacing RCM.

00V-412 11-30-00 Ford Crown Victoria, Windstar 2001 15,470
Lincoln Town Car
Mercury Grand Marquis

Mfg. Campaign No. 00S52, 00S53, 00S54. DOM: 8/00-9/00. Some restraint control modules (RCM) or side or front crash sensors were assembled with one or more of screws that mount circuit board in housing missing. If some or all of screws are missing, occupant restraint provide less than intended level of protection in crash. Correct by inspecting and replacing RCM and crash sensors as necessary.

01V-082 3-12-01 Ford Excursion, Expedition, F-150, F-250, F-350, F-450 2001 268

Mfg. Campaign No. 01S10. DOM: 2/01. Inflator canister in driver airbag module may have inadequate weld near igniter. In crash, driver airbag may not deploy properly and result in reduced occupant protection, or burn injury. Correct by replacing driver airbag module.

02V-323 12-6-02 Ford Escort, Mercury Tracer 1997 396,217

Mfg. Campaign No. 02S44-Airbag. DOM-11/2/95-9/5/97. Integrated Airbag Monitor (IABM) can be contaminated with water or other liquids and could experience internal electrical shorting, causing airbag ready light to illuminate, airbag deployment, melted wiring or fire. Correct by installing shield over IABM and applying nyogel grease to connector.

03V-144 4-9-03 Lincoln Continental 1999–00 43,459

Mfg. Campaign No. 03G01. DOM-Job#1 1999-2/29/00. Driver and passenger side airbag could deploy due to underbody impacts near airbag sensors of gravel or debris while vehicle is operated at moderate to high speeds or being accelerated. Correct by recalibrating airbag sensors.

06V-119 04-07-06 Ford Taurus 2006 19

Mfg. Campaign No. 06C13. DOM: 2/06 Vehicles built for one specific fleet customer were modified for optional hands-free cellular phone operating capability. Special overlay wire harness was installed that inadvertently did not include circuits for passenger airbag deactivation indicator lamp function. These vehicles do not comply with FMVSS 208 as indicator lamp will fail to illuminate and airbag warning lamp in cluster will stay illuminated. Correct by repairing.

07V-541 11-21-07 Ford Expedition, F-250, F-350, Focus 2008 45

Mfg. Campaign No. 07C19. DOM: 8/07-11/07. Vehicles fail to meet FMVSS 208. Driver airbag module may not have been properly assembled and prevent driver airbag from properly deploying and reduce occupant protection in crash. Correct by replacing driver airbag module.

08V-082 02-25-08 Ford Mustang 2005-06 434,593

Mfg. Campaign No. 08C02. DOM: 4/05-1/08. Vehicles fail to comply with one of neck injury FMVSS 208 for unbelted 5th percentile female sitting in passenger seat while it is in full forward position. During airbag deployment, if small female in front passenger seat is not wearing safety belt, and has seat in full forward position, there may be increased potential for neck injury. Correct by reprogramming restraint control module.

11V-107 02-23-11 Ford F-150 2004-06 1,325,000
Lincoln Mark LT 2006
Mfg. Campaign No. 11S18 - Airbag. DOM: 11/04-1/06. If clockspring jumper wire comes in contact with driver side frontal airbag lower horn plate, wire insulation may become chafed and short out. Airbag warning lamp may illuminate and driver front airbag could inadvertently deploy resulting in injury or loss of vehicle control. Correct by installing new clockspring jumper wire that incorporates protective mesh cover.

12V-198 05-03-12 Ford F150 2012 101
Mfg. Campaign No. 12S31 - Airbag Occupant Sensor. DOM: 11/11. Incorrect software for occupant classification system module (OCSM) was installed on vehicles either at time of manufacturing or during course of replacement of module as part of service repair. OCSM may misclassify passenger seat's occupant such that passenger side airbag does not deploy when it should, does not deploy as intended, or deploys when it should not. This increases risk of injury to occupant. Correct by replacing OCSM.

12V-488 10-05-12 Ford Fiesta 2011-13 154,604
Mfg. Campaign No. 12C26 - Airbag/FMVSS 208. DOM: 11/09-9/12. Vehicles fail to meet FMVSS 208. Side curtain airbag will not deploy in side impact collision when front passenger seat is empty. Although side curtain airbag system was designed to suppress side curtain airbag under this scenario, that information is not explained in owner's guide as required by FMVSS 208. Occupant in right rear seating position will not have coverage from side curtain airbag in side impact when front passenger seat is empty, increasing risk of injury to right rear occupant. Correct by reprogramming software so that it no longer suppresses side curtain airbag when front passenger seat is empty consistent owner's guide.

Freightliner Corp. (now Daimler Trucks North America LLC)

09V-376 09-23-09 Freightliner Cascadia 2008-09 10
Mfg. Campaign No. FL-559 - Airbag Sensor. DOM: 11/07-4/08. On trucks with Indiana Mills and Manufacturing Rolltek side-roll protection systems, sensor designed to detect vehicle roll can malfunction and cause side airbags to inadvertently deploy. This could result in vehicle crash or injury to out of position occupant. Correct by repairing.

10V-102 03-16-10 Freightliner Cascadia 2008-10 490
Mfg. Campaign No. FL573 - Side Roll Airbag. DOM: 7/07-2/10. 2008-2010 Lifeguard Rolltek advanced occupant protection system designed to provide additional protection to vehicle occupants in rollover accident may not have been properly installed. Reduced effectiveness of advanced occupant protection system may result in injury. Correct by inspecting and installing additional retainers to ensure system remains fully functional.

GENERAL MOTORS

75-0107 5-27-75 Cadillac All except Series 75, 1974 2,005
Commercial Chassis, El Dorado Convertible
Underhood wiring harness, which is one means of activating air cushion restraint system, may be routed so that it can be pulled into contact with power steering pulley. If this happens, it could rub cover through and cause short, allowing inadvertent deployment of air cushions in passenger compartment. Some drivers may lose control, resulting in vehicle crash without prior warning. Correct by inspecting and rerouting harness to preclude rubbing on steering pump pulley.

75-0196 10-29-75 Cadillac All except Series 75, 1975 1,293
Commercial Chassis, El Dorado Convertible
Buick Riviera, Electra, LeSabre
Oldsmobile 88, 98, Toronado
Driver module, located in steering wheel for air cushion restraint system, may have improper amount of propellant which is provided to correctly inflate driver air cushion. If vehicle should become involved in frontal crash, driver air cushion might not deploy normally which could increase severity of injuries to driver. Correct by inspecting and replacing modules with modules containing proper amount of propellant.

89V-096 6-8-89 Oldsmobile 98 1989 26
DOM: 5/89. On cars with AJ3 Supplemental Inflatable Restraint, standard (base) pad assembly for supplemental inflatable restraint may have been incorrectly installed. In event of crash, lack of pad assembly (or knee bolster) could result in greater injury to driver than might otherwise occur. Correct by replacing parts as required and performing electrical test.

90V-031 2-8-90 Buick Reatta 1990 857
DOM: 08/89-09/89. Forward airbag sensor may have been incorrectly constructed with part of wiring harness to sensor reversed. Reversal of wires could cause delay in deployment of airbag and increase severity of injury to unbelted driver in accident. Correct by replacing forward discriminating sensor as necessary.

90E-043-4 10-30-90 Buick, Cadillac, Oldsmobile Reatta, Riviera Deville, Seville El Dorado Toronado
On vehicles with TRW driver's side supplemental airbag modules, threaded inflator components may have been damaged during assembly which may allow components to separate when inflator receives signal to deploy airbag. This could allow hot combustion gases to escape into passenger compartment. Correct by replacing airbag modules.

92V-091.001 6-30-92 Geo Storm 1990-92 211,306
DOM: 11/89-4/92. Steering wheel center hub can fracture during frontal and near frontal vehicle collisions. Fracturing of steering wheel hub can decrease driver's control of vehicle and reduce crash protection of steering system and driver's side airbag. Correct by adding steering wheel reinforcement plate and nut to steering wheel hub.

93V-041 03-12-93 Cadillac Fleetwood 1993 37
DOM: 8/92-11/92. Passenger side airbag can experience inflator ignition delay in accident. This does not comply with FMVSS 208. If inflator ignition is delayed in accident, airbag may be late in deploying, resulting in increased risk of injury to occupant. Correct by replacing passenger side airbags.

95V-140 7-19-95 Chevrolet GMC Suburban, Tahoe Suburban, Yukon 1995 3,651
DOM: 4/94-4/95. Light duty trucks and multipurpose passenger vehicles with L56/L65 diesel engines, vehicles have both supplemental inflatable restraint (SIR) label and engine start label installed on same side of sun visor. This does not comply with FMVSS 208. Operators could fail to notice and heed warning label. engine start label will be removed from stowed side of sun visor and new engine start label will be installed on headliner in sun visor depression. Correct by providing owners with new label and instructing them to install it themselves or have dealer install it.

95V-215 10-30-95 Buick Chevrolet Roadmaster Caprice 1995-96 8,946
DOM: 9/94-8/95. Both supplemental inflatable restraint (airbag) caution label and roof rack caution label were installed on same side of sun visor in violation of FMVSS 208. Operators could fail to notice and heed warning labels. Correct by installing new roof rack caution label.

96V-211 10-16-96 Buick Oldsmobile Skylark Achieva 1996 48,689
DOM: 08/95-02/96. During deployment of passenger airbag, airbag fabric can snag on reinforcement inside instrument panel, causing expanding airbag to lift instrument panel pad and then deploy under instrument panel instead of through door in instrument panel. In crash, front seat passenger could receive
more severe injuries if he or she contacts broken reinforcement or if snagging affects deployment of airbag. Correct by inspecting instrument panel pads and, if necessary, installing plastic edge protector to instrument panel pad reinforcement. On early-production vehicles, instrument panel pad will be replaced.

97V-043 3-17-97 Geo Prizm 1997 17,094
Mfg. Campaign No. 97017. DOM: 08/96-11/96. If airbag computer experiences mechanical shock within very short time after engine is started, e.g., rapidly moving front seat back against stops or sudden release of parking brake, airbag can deploy inadvertently. Unexpected airbag deployment can result in occupant injury. Correct by repairing airbag computer.

97V-107 6-20-97 Chevrolet Malibu 1997 16,099
Mfg. Campaign No. 97035. DOM: 01/97-04/97. Fasteners that secure passenger side airbag module to instrument panel tie bar were omitted. If airbag deploys, module could separate from instrument panel, striking and injuring occupant. Correct by inspecting airbag module for fasteners and installing fasteners that were omitted.

98V-115 5-26-98 Cadillac Eldorado, Deville Seville, Concours 1995 102,627
Mfg. Campaign No. 98032. DOM: 04/94-02/95. Inadvertent deployment of airbag can occur because of water intrusion into Sensing and Diagnostics Module (SDM) located below driver's seat. Deployment of airbag without warning could cause driver to lose vehicle control, resulting in crash and personal injury. Correct by sealing SDM with waterproof sealant.

98V-146 6-26-98 Chevrolet Cavalier Pontiac Sunfire 1996-97 675,302
Mfg. Campaign No. 98026. DOM: 04/95-05/97. Because of calibrations in airbag's sending and diagnostic module, inadvertent airbag deployment could occur in low speed crash or when object strikes floor pan. Airbags deploy with great force and can seriously injure unrestrained occupants who are too close to them. Correct by recalibrating airbag sensing and diagnostic module.

99V-283 10-14-99 Chevrolet Pontiac Lumina Grand Prix 2000 108
Mfg. Campaign No. 99073. DOM 9/99-10/99. Passenger side airbag modules have undersized inflator orifice. In crash that triggers passenger side airbag deployment, undersized orifice can cause inflator module to explode. Metal and/or plastic debris could cause severe injury to vehicle occupants. Correct by replacing passenger side airbag modules.

00V-122 4-27-00 Cadillac Chevrolet GMC Escalade C10, Suburban, Tahoe C15, Denali, Suburban, Yukon 1999 279,071

00V-217 8-3-00 Cadillac Deville 1998–99 216,207
Mfg. Campaign No. 00066. DOM: 3/97-8/99. Side impact sensor modules have quality problems that can cause inadvertent deployment of driver or passenger side impact airbags. Occupant can receive injury from deployment. Correct by replacing driver and passenger side impact sensor modules.

00V-235 8-22-00 Saturn L-Series 2001 168
Mfg. Campaign No. 00071. DOM: 7/00-8/00. Side impact airbag system has lower side impact safing sensor threshold than specified. Because of reduced threshold, side head curtain airbag could deploy with severe slamming of door and cause injury to occupant. Correct by replacing inflatable restraint sensing and diagnostic module assembly.

00V-244 8-25-00 Chevrolet Impala, Monte Carlo 2001 580
Mfg. Campaign No. 00073. DOM: 7/00. Airbag sensing and diagnostic modules (SDM) could experience
memory error resulting in airbags not deploying in crash and front seat occupant may receive more serious injuries. Correct by replacing sensing and diagnostic module.

00V-371 11-10-00 Buick Century, Regal Impala Driver side impact airbag inflator separates from airbag module during deployment. If inflator separates, airbag will not deploy properly during crash and occupant protection would be reduced. Separated inflator could be propelled downward and cause injury to rear seat passenger whose foot is positioned under inflator module. Correct by replacing side impact airbag module.

01V-026 2-1-01 Chevrolet Lumina, Venture Grand Prix, Montana L-Series Mfg. Campaign No. 01004. DOM: 1/00-12/00. Passenger airbag inflator modules were built without correct amount of generant which produces gas that fills airbag. Some were built with double load of generant and some were built without generant. In crash, models with double loads of generant could explode, injuring occupant with metal and plastic debris. Models without generant would not deploy, causing occupants to receive greater injuries. Correct by replacing passenger airbag module.

01V-210 6-29-00 Pontiac Grand Prix 1999 738 Mfg. Campaign No. 01052. DOM: 8/98-9/98. Driver's airbag inflator modules could produce excessive internal pressure which can cause inflator module to explode. Metal and plastic debris could cause severe injury to vehicle occupants. Correct by replacing driver’s airbag module.

02V-027 01-25-02 Chevrolet Lumina, Rendevous 2002-03 133,221 Mfg. Campaign No. 02032. DOM-5/02-7/02. Airbag inflator on driver's side fractures at weld during deployment, causing airbag cushion to inflate less than fully and pieces of inflator to strike occupants. Correct by inspecting airbag module assembly on driver's side.

02V-178 6-26-02 Chevrolet Silverado, Suburban, Tahoe Sierra, Yukon, Yukon XL 2000 525,254 Mfg. Campaign No. 02029. DOM-N/A. Airbag sensing diagnostic module contains anomaly that results in airbag deployment failure during frontal crashes. Front seat occupants may receive more severe injuries as result. Correct by recalibrating airbags sensing diagnosing module.

02V-222 8-9-02 Buick LeSabre, Rendezvous Deville Impala, Monte Carlo, Trailblazer, Venture GMC Envoy Oldsmobile Aurora, Bravada, Silhouette Bonneville, Montana Pontiac Montana 2002-03 133,221 Mfg. Campaign No. 02032. DOM-5/02-7/02. Airbag inflator on driver's side fractures at weld during deployment, causing airbag cushion to inflate less than fully and pieces of inflator to strike occupants. Correct by inspecting airbag module assembly on driver's side.

02V-329 12-3-02 Chevrolet Lumina, Monte Carlo, Venture Silhoutte Aztec, Grand Prix, Montana L-Series 2001-02 272 Mfg. Campaign No. 02061. DOM-3/99-9/01. Passenger airbag manufactured without check valve pin, producing increased pressure at onset of Airbag deployment and reduced pressure afterward, reducing bag protective abilities while increasing danger to out of position occupants. Correct by replacing passenger airbag.
Mfg. Campaign No. 03008. DOM-7/02-10/02 Driver side airbag may not deploy as designed, and inflator could rupture, resulting in reduced capability of airbag to protect driver. Pieces of inflator could strike and injure occupants. Correct by inspecting and installing new driver's airbag.

Mfg. Campaign No. 05004. DOM: 3/03-5/04. Interaction between sensing and diagnostic module and vehicle's electrical system causes driver's frontal airbag and/or roof-mounted side impact airbag to deploy when ignition key is turned to "on" position. Driver may receive minor injuries, such as abrasions, from contact with deploying airbag. Correct by replacing sensing and diagnostic module.

Mfg. Campaign No. 06102. DOM: 9/03-9/05. Vehicles originally built with cloth seats and automatic airbag passenger sensing system were later reupholstered with aftermarket leather seat cover kits. Testing has indicated aftermarket leather seat covers can cause passenger sensing system to malfunction. If passenger sensing system malfunctions, front airbag on passenger side may be disabled when it should be enabled, or enabled when it should be disabled. In either case, in crash that requires airbag deployment, front passenger's level of injury may be increased. Because replacement leather seat cover that is compatible with passenger sensing system is not available, GM will purchase these vehicles for full price paid for it (not exceeding fair market value at time it was bought), including taxes and fees, if vehicle is returned to GM’s possession by January 31, 2007. Through January 31, 2007, GM will also pay for removal of any aftermarket accessories that may have been installed and return them to customer. If there is no longer use for these accessories or they cannot be removed, GM will reimburse purchase price of those accessories. After January 31, 2007, GM will repurchase vehicles for purchase price less depreciation allowing of $.30 for each mile on vehicle.

Mfg. Campaign No. 07034. DOM: 8/06-2/07. Sensing and diagnostic module (SDM), which controls function of front airbags, may not operate properly and front airbags may fail to deploy in frontal crash. Also, airbag warning lamp on instrument panel may fail to provide warning that system is inoperative. This could result in injury to front seat occupants. Correct by reprogramming SDM computer module.

Mfg. Campaign No. 06143. DOM: 6/06. Vehicles fail to meet FMVSS 208. Right front passenger seats in these vehicles are built with passenger airbag sensing system. When tested with representative, unrestrained six year old child, system is required to turn off right front passenger's airbag. Interference during system calibration caused seats to be out of specification. This can result in injury to child seat occupant during crash. Correct by replacing passenger sensing system.

Mfg. Campaign No. 07174. DOM: 12/06-5/07. Right front passenger seat with passenger sensing system
fails to meet FMVSS 208. When tested with representative unrestrained small adult, error in seat sensor
calibration causes fails to turn off airbag. In addition, this can prevent airbag from turning off when seat
is occupied by small child. This can result in injury to seat occupant during crash. Correct by
reprogramming seat's electronic control unit.

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<th>Campaign No.</th>
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<th>Issue Description</th>
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| 08V-517      | 10-06-08   | Chevrolet     | Impala         | 2009 | 79         | Mfg. Campaign No. 08342 - Airbag, DOM: 7/08-9/08. Vehicles have passenger-side front airbag inflator
|              |            |               |                |      |            | that could fracture at inflator tube during deployment. During passenger-side airbag deployment, pieces of
|              |            |               |                |      |            | inflator tube could strike and injure vehicle occupants and airbag cushion would not inflate fully, reducing capabilty
|              |            |               |                |      |            | of bag to protect passenger. Correct by installing new passenger-side front airbag. |
| 08V-582      | 11-05-08   | Cadillac      | CTS            | 2009 | 12,662     | Mfg. Campaign No. 08373. DOM: 4/08-10/08. Vehicles fail to conform to FMVSS 208. Software within
|              |            |               |                |      |            | passenger sensing system may disable front passenger airbag when it should be enabled or enable it when
|              |            |               |                |      |            | it should be disabled. In vehicle crash, if front passenger airbag does not operate as designed, increased
|              |            |               |                |      |            | personal injury could occur. Correct by reprogramming passenger sensing system module. |
| 10V-644      | 12-17-10   | Cadillac      | CTS            | 2005-07 | 95,927  |
|              |            |               |                |      |            | Mfg. Campaign No. 100355 - Airbag Occupant Sensor. DOM: N/A. Repeated flexing of passenger sensing
|              |            |               |                |      |            | system mat in front passenger seat may cause mat to kink, bend, or fold. This flexing can break connections
|              |            |               |                |      |            | in mat. sensor may not detect presence of front seat passenger and will disable airbag. Non-deployment of
|              |            |               |                |      |            | front passenger airbag in crash may reduce protection of passenger and increase risk or severity of
|              |            |               |                |      |            | injury. Correct by replacing passenger sensing system. |
|              |            |               |                |      |            | FMVSS 208. Airbags are programmed to turn off right side roof-rail airbag if passenger sensing system
|              |            |               |                |      |            | determines that right front passenger seat is unoccupied. Right rear occupant may not be protected and suffer injuries in
|              |            |               |                |      |            | frontal and side crashes. Correct by reprogramming sensing and diagnostic module. |
| 11V-534      | 11-04-11   | Pontiac       | G8             | 2008-09 | 38,444   |
|              |            |               |                |      |            | Mfg. Campaign No. N/A - Airbag/FMVSS 208. DOM: 11/07-1/09. 5th percentile female dummy in 30
|              |            |               |                |      |            | mph frontal barrier test exceeded head injury criteria (hic) requirements of standard. With front passenger
|              |            |               |                |      |            | seat positioned full forward, seat position sensor will cause 30 milliseconds deployment delay between first and
|              |            |               |                |      |            | second stages of dual-stage frontal passenger airbag. In crash, this may result in increased head injury
|              |            |               |                |      |            | to front seat occupants. Correct by reprogramming sensing and diagnostic module. |
| 11V-543      | 11-08-11   | Chevrolet     | Express        | 2012 | 1,798      |
|              |            |               |                |      |            | will not inflate in severe frontal impact. Airbags fail to meet FMVSS 208. Improperly deployed airbag will
|              |            |               |                |      |            | increase risk of injury to occupant. Correct by installing new front passenger airbag. |
| 12V-224      | 05-18-12   | Chevrolet     | Malibu         | 2013 | 4,304      |
|              |            |               |                |      |            | module (sdm) may reset itself. If this occurs during aggressive turning maneuver, and then afterwards
|              |            |               |                |      |            | vehicle rollover event is sensed, roof rail airbag may unintentionally deploy. Additionally, airbags and/or
|              |            |               |                |      |            | seatbelt pretensioners may not deploy during severe crash, increasing risk of personal injury. Correct by
|              |            |               |                |      |            | reprogramming module. |
| 12V-522      | 10-31-12   | Buick         | Verano         | 2012 | 2,949      |
|              |            | Chevrolet     | Cruze, Sonic   |      |            | Mfg. Campaign No. 12261 - Airbag. DOM: 4/12-6/12. Driver side frontal airbag has a shorting bar which
|              |            |               |                |      |            | may intermittently contact airbag terminals. If bar and terminals are contacting each other at time of a crash
|              |            |               |                |      |            | necessitating deployment of driver's frontal airbag, airbag will not deploy, increasing driver's risk of injury.
|              |            |               |                |      |            | Correct by replacing steering wheel airbag coil. |
| 13V-023      | 01-24-13   | Buick         | Verano         | 2012 | 3,896      |
Chevrolet Camaro, Cruze, Sonic
Mfg. Campaign No. 12261 - Airbag. DOM: 12/11-2/12. Driver side frontal airbag has a shorting bar which may intermittently contact airbag terminals. If bar and terminals are contacting each other at time of a crash necessitating deployment of driver's frontal airbag, airbag will not deploy, increasing driver's risk of injury. Correct by replacing steering wheel airbag coil.

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GIRADIN MINIBUS

01V-118 04-04-01 Giradin MB-IV 1998-01 995
Mfg. Campaign No. 01-001-AB. DOM: Prior to 2/01. Commercial and school bus body minibuses. Inner body panel can contact and damage wiring harness by driver's seat. If wires are damaged, and contact between those wires occurs, airbag can inadvertently deploy. Unexpected airbag deployment results in occupant injury. Correct by providing repair instructions and reimbursement to owners.

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HOME AND PARK MOTORHOMES

06V-160 05-03-06 Home & Park Roadtrek 2006 736
Roadtrek 170 2007
Roadtrek 190, Roaktrek 210 2003-06
DOM: 7/03-4/06. On motor homes built on Chevrolet chassis with decorative dash trim kit, Chevrolet "bow tie" decal is attached to steering wheel (directly over existing bow tie impression). Decal could affect deployment of airbag built into steering wheel in crash, resulting in increased injury to vehicle occupants. Correct by instructing owners to remove steering wheel decal.

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HONDA

90E-043-3 10-29-90 Acura Legend 1989-91 36
On vehicles with TRW driver's side supplemental airbag modules, threaded inflator components may have been damaged during assembly which may allow components to separate when inflator receives signal to deploy airbag. This could allow hot combustion gases to escape into passenger compartment. Correct by replacing airbag modules.

92V-109 7-24-92 Acura Legend 1992 11
DOM: 12/91-2/92. Passenger side airbag assembly was produced without igniter material. Lack of igniter material can cause non-deployment or slow deployment of passenger side airbag in vehicle collision, reducing occupant protection offered by airbag and safety belt systems. Correct by replacing passenger side airbag. Note: Acura has informed NHTSA that all affected cars have been replaced.

93V-208 12-9-93 Honda Civic 1994 31
Passenger-side airbag modules contain incorrect inflators which are out of specification. In collision, airbag may not provide adequate protection to passenger. Correct by replacing passenger-side airbag module with module containing proper inflator.

95V-203 10-16-95 Honda Civic del Sol 1994 6,476
Passenger airbag was improperly installed. Retainer tabs used to secure lower module to upper housing were drilled incorrectly and will not have sufficient strength, allowing module to separate from housing during airbag deployment. Airbag would not inflate properly and passenger would not be adequately protected in vehicle accident. Correct by adding reinforcement brackets to airbag module assembly.
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<td>96V-217</td>
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<td>Honda Accord</td>
<td>1995</td>
<td>164,139</td>
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<tr>
<td>DOM: 04/94-02/95.</td>
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<tr>
<td>Some supplemental restraint system (SRS) electronic control units can cause unexpected airbag deployment and injure vehicle occupant. Correct by installing new replacement SRS electronic control unit.</td>
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<tr>
<td>97V-193</td>
<td>4-16-97</td>
<td>Honda Civic</td>
<td>1997-98</td>
<td>9,558</td>
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<tr>
<td>Front passenger airbag modules have been improperly assembled. Cloth flaps covering folded airbag may have been tucked in too far. This could prevent proper deployment of airbag and could increase risk of injury to front seat passenger. Correct by repairing front passenger’s airbag module.</td>
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<tr>
<td>02V-080</td>
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<td>Honda Acura, Accord, TL</td>
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<td>Component in inflator of passenger airbag modules was not welded properly. Airbags may not deploy correctly in crash, increasing risk of injury to front seat passenger. Correct by replacing passenger airbag module.</td>
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</tr>
<tr>
<td>02V-196</td>
<td>7-23-02</td>
<td>Acura Integra</td>
<td>2001</td>
<td>375</td>
</tr>
<tr>
<td>Honda Insight</td>
<td></td>
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</tr>
<tr>
<td>Airbag modules were not properly welded and failed to deploy in collisions, resulting in seat occupant not being properly protected. Correct by replacing passenger airbag module.</td>
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</tr>
<tr>
<td>02V-213.001</td>
<td>8-7-02</td>
<td>Honda Passport</td>
<td>2001</td>
<td>5</td>
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<tr>
<td>DOM: 11/00-3/01.</td>
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<tr>
<td>Passenger-side airbag inflator modules were manufactured without check valve pin, resulting in improper or insufficient inflation during crash. Correct by replacing passenger side airbag.</td>
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<tr>
<td>04V-526</td>
<td>11-04-04</td>
<td>Honda CR-V</td>
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<td>6,976</td>
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<td>Mfg. Campaign No. P49.</td>
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<tr>
<td>DOM: 9/04-10/04.</td>
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<tr>
<td>Occupant position detection system's side sensor is not installed in correct position and fails to shut off passenger's side impact airbag if occupant is out-of-position. In crash, occupant can be injured by deploying side airbag. Correct by replacing passenger's seat-back pad which includes occupant position detection system sensor.</td>
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</tr>
<tr>
<td>04V-551</td>
<td>11-17-04</td>
<td>Honda Accord</td>
<td>2004-05</td>
<td>257,616</td>
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<td>Mfg. Campaign No. P54.</td>
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<tr>
<td>DOM: 2/03-10/04.</td>
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<tr>
<td>Tear in fabric of driver's front airbag occurred after contact with inside surface of airbag cover during deployment. Torn airbag will not offer same level of protection in crash. Correct by installing protective fabric flap between airbag module cover and inner module.</td>
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<tr>
<td>05V-344</td>
<td>07-28-05</td>
<td>Honda Odyssey</td>
<td>2005</td>
<td>85,154</td>
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<tr>
<td>DOM: 7/04-3/05.</td>
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<tr>
<td>Two external impact sensors for frontal airbag system may have been insufficiently sealed during manufacturing. If water enters sensor, they can be corroded and short circuit internally. If sensors fail, srs warning lamp on instrument panel will turn on and remain illuminated; in frontal crash, sensor failure could cause delay in, or loss of, frontal airbag deployment, resulting in increased injury in crash. Correct by replacing front impact sensors.</td>
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<tr>
<td>05V-510</td>
<td>11-02-05</td>
<td>Acura TL Accord Hybrid</td>
<td>2006</td>
<td>316</td>
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<tr>
<td>Mfg. Campaign No. P99 &amp; Q00.</td>
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<tr>
<td>DOM: 9/05.</td>
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<tr>
<td>On frontal airbag system where two external impact sensors are mounted near front headlights, front impact sensor bolts were not properly torqued. If bolts loosen or fall out, sensor may fail to properly detect crash, resulting in delayed or non-deployment of front airbag increasing risk of injury. Correct by inspecting and removing bumper and retorquing loose bolts.</td>
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<tr>
<td>05V-572</td>
<td>12-22-05</td>
<td>Honda Civic</td>
<td>2006</td>
<td>12,756</td>
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<td>Mfg. Campaign No. Q01.</td>
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<td>DOM: 8/05-10/05.</td>
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<td>On 2-door cars, Front passenger occupant detection system (ods) contains faulty electronic component. Ods will not function properly and will not suppress front passenger airbag deployment when weight of infant or small child is detected in front passenger seat. Deploying front passenger airbag can result in injury to infant or small child. Correct by replacing ods unit.</td>
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<tr>
<td>07V-001</td>
<td>1-3-07</td>
<td>Honda Accord</td>
<td>2004-05</td>
<td>81,000</td>
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<tr>
<td>DOM: 7/04-10/04.</td>
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<tr>
<td>Seat position sensor (SPS) detects driver's seating position</td>
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</table>
and adjusts airbag inflation pressure accordingly. Wiring harness for SPS was attached to seat frame in wrong location and was over tightened. Sensor wire breaks causing airbag warning light to be illuminated, and SPS to fail and causes airbag system to default to full inflation pressure, regardless of seat position. Full deployment of driver's airbag increases risk of injury for smaller drivers in frontal crash. Correct by replacing seat position sensor wiring subharness.

<table>
<thead>
<tr>
<th>Code</th>
<th>Date</th>
<th>Make</th>
<th>Model</th>
<th>Year</th>
<th>Quantity</th>
<th>Campaign No.</th>
<th>Date of Manufacture</th>
<th>Description</th>
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<tbody>
<tr>
<td>07V-549</td>
<td>12-03-07</td>
<td>Honda</td>
<td>Fit</td>
<td>2007-08</td>
<td>34,300</td>
<td>Q66</td>
<td>1/06-10/07</td>
<td>Wiring harness for occupant detection system (ODS) and occupant position detection system (OPDS) is routed underneath carpet on driver's side floorboard. Salt from snow on driver's shoes will melt and may penetrate carpet and leak into wire harness. Failure of ODS and OPDS may not detect presence of child seat or out-of-position passenger and deployment of both front seat passenger's side airbags will not be suppressed. Deploying front passenger airbag or front passenger's side airbag will increase risk of injury to small or out-of-position occupants. Recall is limited to On vehicles originally sold in or currently registered in states of CT, DE, IA, IL, IN, KY, MA, ME, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, VA, WV, WI, DC, CT, DE, IA, IL, IN, KY, MA, ME, MD, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, VA, WV, WI, DC. Correct by inspecting and replacing wire harness.</td>
</tr>
<tr>
<td>08V-593</td>
<td>11-14-08</td>
<td>Honda</td>
<td>Accord, Civic</td>
<td>2001</td>
<td>3,940</td>
<td>Q96</td>
<td>10/00-4/01</td>
<td>Driver's airbag inflator could produce excessive internal pressure in deployment which may cause inflator to rupture. Metal fragments could pass through airbag cushion material causing injury to vehicle occupants. Correct by replacing airbag inflator.</td>
</tr>
<tr>
<td>09V-259</td>
<td>07-08-09</td>
<td>Acura</td>
<td>3.2TL</td>
<td>2002</td>
<td>440,000</td>
<td>Q96 &amp; R13</td>
<td>6/00-8/02</td>
<td>Driver's airbag inflator could produce excessive internal pressure in deployment which may cause inflator to rupture. Metal fragments could pass through airbag cushion material causing injury to vehicle occupants. Correct by replacing airbag inflator.</td>
</tr>
<tr>
<td>10V-002</td>
<td>01-04-10</td>
<td>Acura</td>
<td>MDX</td>
<td>2010</td>
<td>644</td>
<td>N/A - Airbag</td>
<td>10/09-11/09</td>
<td>Bolt used to attach interior trim piece to either driver's or passenger's side a-pillar may not have been installed. In crash resulting in side curtain airbag deployment, trim piece may not remain properly secured to a-pillar, increasing risk of injury to driver and/or front seat passenger. Correct by inspecting interior trim piece of a-pillar and installing any missing bolt.</td>
</tr>
<tr>
<td>10V-041</td>
<td>02-11-10</td>
<td>Acura</td>
<td>3.2CL</td>
<td>2003</td>
<td>379,000</td>
<td>Q96 &amp; R13</td>
<td>N/A - Airbag</td>
<td>Driver's airbag inflator could produce excessive internal pressure in deployment which may cause inflator to rupture. Metal fragments could pass through airbag cushion material causing injury to vehicle occupants. Correct by replacing airbag inflator.</td>
</tr>
<tr>
<td>10V-145</td>
<td>04-12-10</td>
<td>Acura</td>
<td>ZDX</td>
<td>2010</td>
<td>1,854</td>
<td>R34 - Airbag</td>
<td>11/09-3/10</td>
<td>Dashboard covering may have not been properly laser scored to allow complete deployment of front passenger's airbag. In crash, airbag will not deploy properly and result in injury. Correct by inspecting dashboard covering material and replacing as necessary.</td>
</tr>
<tr>
<td>10V-402</td>
<td>09-08-10</td>
<td>Honda</td>
<td>Accord Crosstour</td>
<td>2010</td>
<td>3,336</td>
<td>R47 - Airbag</td>
<td>10/09-12/09</td>
<td>Front passenger airbag may be misassembled and may not deploy as intended, placing unbelted child in front passenger seat at greater risk of injury. Correct by inspecting and replacing passenger airbag module as necessary.</td>
</tr>
<tr>
<td>11V-260</td>
<td>04-27-11</td>
<td>Acura</td>
<td>CL</td>
<td>2003</td>
<td>833,277</td>
<td>N/A - Airbag</td>
<td>N/A - Airbag</td>
<td>N/A - Airbag</td>
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</tbody>
</table>


Mfg. Campaign No. N/A- Airbag. DOM: N/A. Driver's airbag inflator could produce excessive internal pressure in deployment which may cause inflator to rupture. Metal fragments could pass through airbag cushion material causing injury to vehicle occupants. This recall campaign is related to recalls 08V-593, 09V-259, and 10V-041. This recall involves 2,430 airbags that may have been installed as replacement service parts in vehicles in prior crash necessitating replacement of driver's air bag and replacement air bag was one with defective inflator. Correct by inspecting all vehicles in which defective modules may have been installed and replacing airbag inflator as necessary.

12V-030 02-01-12 Honda Accord, Crosstour 2012 347
Mfg. Campaign No. S19, S20 - Side Curtain Airbag. DOM: N/A. Side curtain airbag inflator may not have been manufactured according to correct specifications. In crash, side curtain airbag may fail to deploy, increasing risk of injury. Correct by replacing side curtain airbag as needed.

13V-016 01-18-13 Honda Odyssey Pilot 2011-13 748,481
Mfg. Campaign No. S75 - Airbag. DOM: 3/08-12/12. One or more rivets that attach airbag module to airbag cover may be missing. Absence of more than one rivet could alter performance of driver's airbag during deployment and result in injury during crash. Correct by inspecting and replacing driver's airbag module as necessary.

12V-432 09-05-12 Honda Ridgeline 2012 17
Mfg. Campaign No. S52 - Airbag/FMVSS 208. DOM: 4/12. Incorrect passenger airbag status indicator may have been installed on vehicles which fails to meet FMVSS 208. Without proper passenger airbag indicator, driver and other vehicle occupants may not be informed or aware that front passenger airbag is off and will not deploy in crash, increasing risk of injury to front passenger seat occupant that may have chosen to sit or been seated elsewhere if correct indicator had been given. Correct by replacing passenger airbag indicator.

13V-132 04-11-13 Honda Civic CR-V Odyssey 2001-03 2002-03 561,422
Mfg. Campaign No. S95 - Airbag. DOM: 3/00-5/03. Original equipment an replacement passenger side frontal air bag may produce excessive internal pressure causing inflator to rupture upon deployment of air bag. In crash with front passenger airbag deployment, inflator could rupture with metal fragments striking and seriously injuring passenger seat occupant or other occupants. Correct by inspecting and replacing airbag module as necessary.

HYUNDAI

95V-101 5-17-95 Hyundai Elantra 1994-95 14,651
DOM: 6/94-10/94. Driver's side airbag was improperly assembled and could cause airbag warning light to illuminate because of increased electrical resistance. This could prevent airbag from activating during crash. Correct by inspecting airbag assembly wiring harness connector to determine if it contains terminal holder and installing one as necessary.

00V-332 10-12-00 Hyundai Elantra 2001 977
Mfg. Campaign No. 043. DOM: 8/00-9/00. Side airbag satellite sensors were improperly manufactured, causing airbag warning light to illuminate and side airbags to not deploy in crash. Non-deployment of side airbags increases risk of injury during crash. Correct by replacing both satellite sensors.
DOM: 3/98-11/00. Supplemental restraint system (SRS) airbag warning light could illuminate due to motion of side impact airbag wiring harness and side impact airbag wiring harness connector that mount to adjustable seat cushion assembly. This relates only to driver and/or passenger seat-mounted side impact airbags. Correct by servicing front seat side impact airbag wiring harness.

DOM: 3/00-2/01. Intermittent condition leading to airbag warning light illumination could result from motion of side impact airbag wiring harness and harness connector. This could result in airbag failing to deploy in crash. Correct by more securely fastening harness and connectors.

Side impact airbag satellite sensors may be too sensitive to lateral accelerations not caused by impacts to vehicle, causing airbags to deploy in non-crash environment. Correct by replacing side impact airbag satellite sensors.

Occupant classification system (ocs) installed in right front seat of vehicle may misclassify child restraint seat as adult. This may occur if crs is installed after adult has been seated in right front seat. If there has not been 'key on' 'key off' cycle with right front passenger seat empty prior to installation of child seat, misclassification of child seat as adult may allow right front airbag or side impact airbag to deploy in crash and result in injury to occupant. Correct by reprogramming vehicle's ocs electronic control unit.

Occupant classification system (ocs) right front seat of vehicle may misclassify certain small children seated on front edge of seat as adult. Misclassification of small children as adult may allow right front airbag to deploy in frontal crash or side impact airbag to deploy in side crash; severe injury or death could occur. Correct by ensure that vehicle's ocs will properly classify certain small children when seated on front edge of seat and will disable right front airbags. Correct by reprogramming vehicle's ocs electronic control unit.

Airbag warning labels installed on sun visors lose adhesion to sun visors and distort or separate from sun visors. If labels are distorted or missing, driver or front seat passenger will not have information available that may help protect them in crash. Correct by replacing sun visor assemblies.

DOM: 7/04-10/06. During static airbag deployment testing by NHTSA using fifth percentile female dummies, testing indicated if small statured adult driver, not wearing seat belt, is
involved in frontal or near frontal crash, deployment of driver airbag may result in insufficient margin of compliance as measured by test dummy. This can cause increased risk of injury to driver in crash. Correct by replacing driver airbag module.

07V-197 4-25-07 Hyundai Tucson 2005-07 2,967 Mfg. Campaign No. 079. DOM: 7/04-11/06. Static airbag deployment testing conducted by NHTSA using fifth percentile female dummies indicated small stature adult driver not wearing seat belt and involved in frontal or near frontal crash, deployment of driver airbag may not occur. This causes increased risk of injury to driver under crash conditions. Correct by replacing driver airbag module with one designed to provide increased margin of compliance for low risk deployment for small stature adults who are not properly wearing seat belts.

08V-532 10-14-08 Hyundai Elantra 2001 78,369 Mfg. Campaign No. 088. DOM: 6/00-4/01. If liquid is spilled in area of cupholder on center console, it may seep through console opening for parking brake lever and then drip onto airbag control module electrical connector. This may contaminate airbag control module and electrical connector to airbag wiring harness causing airbag warning light to illuminate. Driver and passenger frontal airbags may not deploy during crash where deployment should occur and increases risk of injury to driver and front passenger. Correct by installing protective cover over airbag control module connector.

08V-533 10-14-08 Hyundai Elantra 2001-02 150,541 Mfg. Campaign No. 088. DOM: 6/00-12/01. Movement of side impact airbag wiring harness mounted under each front seat, caused by contact from materials placed under seat, may result in electrical resistance that would cause airbag warning light illumination. This relates to driver and passenger seat mounted side impact airbags and may prevent seat mounted side impact airbag deployment during crash where such deployment should occur. Non-deployment of airbags may increase risk of injury to driver and front passenger. Correct by installing new side impact airbag wiring harness connector clips and revised side impact airbag wiring harness attachments under driver's and front passenger's seats.

09V-497 12-28-09 Hyundai Azera 2006-09 65,185 Mfg. Campaign No. 094. DOM: 9/05-10/08. Wiring harness for right front seat belt tension sensor may sustain damage after repeated use of seat belt. If seat belt tension sensor wiring becomes damaged, airbag will not deploy in crash necessitating front airbag deployment which may result in injury to occupant. Correct by repairing.

10V-061 02-25-10 Hyundai Tucson 2010 515 Mfg. Campaign No. 095 - Airbag Occupant Sensor. DOM: 11/09-11/09. Properly seated adult right front seat passengers weighing over approximately 240 pounds cause passive occupant detection system module program to illuminate "airbag" warning lamp. If "airbag" warning lamp is illuminated, passenger airbag will deploy if crash of sufficient force to require front airbag deployment is experienced, and will not be deactivated if child is seated in right front seating position, which may result in injury to child front passenger. Correct by reprogramming pods module.

11V-143 03-15-11 Hyundai Elantra 2007-09 188,697 Mfg. Campaign No. 099 - Airbag Occupant Sensor. DOM: 7/06-11/08. Front passenger seats contain weight sensor designed to deactivate right frontal airbag when occupants of weights occupy seat. Electrical connector for weight sensor is located under center console, between front seats. Connector could become contaminated and malfunction such that front passenger airbag will deploy regardless of weight of occupant. This could result in injury to occupant whose weight should prevent airbag from deploying. Correct by installing protective cover over weight classification system connector to prevent contamination.

11V-179 03-15-11 Hyundai Elantra 2007-08 95,783 Mfg. Campaign No. 100 - Airbag Sensor. DOM: 7/06-8/07. Driver's seat track position sensor determines seat's fore and aft position and allows driver's frontal airbag to deploy at pressure appropriate for seating position, with lower pressure deployment in most forward seating positions. Airbag control module may receive unstable electrical signal from seat track position sensor such that in driver's airbag may deploy at higher pressure than intended if seat was position in one of forward positions in which lower pressure
deployment is intended. This could result in injury from airbag deployment. Correct by reprogramming airbag control module.

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<tr>
<th>Code</th>
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<th>Model</th>
<th>Year</th>
<th>Units</th>
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<td>11V-472</td>
<td>09-09-11</td>
<td>Hyundai</td>
<td>Santa Fe, Veracruz</td>
<td>2007-08</td>
<td>205,233</td>
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<tr>
<td>Mfg. Campaign No. 103 - Airbag. DOM: 4/06-3/08. Clock spring contact assembly for driver's airbag supplemental restraint system may become damaged through usage over time. Driver's airbag electrical circuit will experience high resistance condition, which may cause driver's airbag to not deploy in crash and not be able to properly protect driver, resulting in injuries. Correct by replacing airbag clock spring contact assembly as necessary.</td>
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<td>12V-352</td>
<td>07-24-12</td>
<td>Hyundai</td>
<td>Sonata</td>
<td>2012-13</td>
<td>22,512</td>
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<tr>
<td>Mfg. Campaign No. 106 - Side curtain airbag. DOM: 1/12-6/12. N/A. Side curtain airbags may inflate without deployment command due to error during manufacturing and injure occupants. Unexpected deployment would be significant driver distraction and would limit driver's visibility, increasing risk of crash. Correct by replacing side curtain airbags.</td>
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<td>07-25-12</td>
<td>Hyundai</td>
<td>Santa Fe</td>
<td>2007-09</td>
<td>199,118</td>
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<tr>
<td>Mfg. Campaign No. 105 - Airbag Occupant Sensor. DOM: 4/06-7/08. Occupant classification system may need recalibration to accurately detect small statured adults. Improper classification or detection may cause front passenger airbag not to deploy in event of crash and result in injury to front passenger. Correct by updating classification software.</td>
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**Indiana Mills & Manufacturing, Inc.**

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<td>07-27-09</td>
<td>Roll Sensor</td>
<td>Lot 0731</td>
<td>83</td>
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<tr>
<td>Mfg. Campaign No. N/A - Airbag Sensor. DOM: N/A. On side-roll protection systems on fire trucks and concrete mixers, sensor designed to detect vehicle roll can malfunction resulting in inadvertent deployment of protection system which could result in vehicle crash or injury to out of position occupant. Correct by replacing sensors.</td>
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<td>92V-091.002</td>
<td>6-30-92</td>
<td>Isuzu</td>
<td>Stylus</td>
<td>1990-92</td>
<td>25,000</td>
</tr>
<tr>
<td>DOM: 11/89-4/92. Steering wheel center hub can fracture during certain frontal and near frontal vehicle collisions. Fracturing of steering wheel hub can decrease driver's control of vehicle and reduce crash protection of steering system and driver's side airbag. Correct by adding steering wheel reinforcement plate and nut to steering wheel hub.</td>
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<td>2-20-01</td>
<td>Isuzu</td>
<td>Rodeo</td>
<td>2000-01</td>
<td>3</td>
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<tr>
<td>DOM: 6/00-12/00. Inflators in passenger airbag modules having wrong amount of generant. In crash that triggers passenger airbag deployment, too much generant can cause inflator module to explode with metal and plastic debris which could cause severe injury to occupants. Correct by replacing passenger side airbag unit.</td>
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<td>8-7-02</td>
<td>Isuzu</td>
<td>Axiom</td>
<td>2002</td>
<td>15</td>
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<tr>
<td>DOM-6/00-5/01. Passenger-side airbag inflator modules were manufactured without check valve pin, resulting in improper or insufficient inflation during crash. Correct by replacing passenger side airbag.</td>
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<td>Kia</td>
<td>Optima</td>
<td>2001</td>
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Mfg. Campaign No. SC020. DOM: 10/00-3/01. Driver airbag wiring harness can be mis-routed, resulting in being pinched or cut in seat cushion tilt mechanism. Damage to wire harness results in side airbag not deploying in accident. Correct by checking for proper routing of driver side airbag wire harness and securing in place with plastic tie-wrap, and replacing any damaged wiring harness.

05V-431 09-20-05 Kia LD Spectra 2004-05 73,641
Mfg. Campaign No. SC-053. DOM: 12/03-4/05. On vehicles with advanced airbag feature, occupant classification system (ocs) installed in right front seat may misclassify child restraint seat (crs) as adult. This may occur if crs is installed after adult has been seated in right front seat. If there has not been 'key on' 'key off' cycle with right front passenger seat empty prior to installation of crs, possibility of misclassification of crs as adult may allow front right airbag or side impact airbag to deploy in crash and could result in injury to right front occupant. Correct by reprogramming vehicle's ocs electronic control unit (ecu) to remove feature that may cause crs to be recognized as adult.

11V-473 09-07-11 Kia Sorento 2007-08 10,631
Mfg. Campaign No. SC076A - Airbag Occupant Sensor. DOM: 6/06-11/07. Front passenger airbag may be turned off when adult is in passenger seat instead of in limited circumstances when children and small adults or child restraint is in that seat or seat is not occupied. Occupant classification system (OCS), which classifies occupant in front passenger seat, may misclassify adult passenger as child or child seat and improperly turn off passenger side airbag. With passenger airbag off, front passenger will not have protection of passenger airbags in frontal collisions which can result in injury. Correct by updating programming in OCS control module.

12V-014 01-17-12 Kia Optima 2006-08 145,755
Mfg. Campaign No. SC094 - Airbag 9/05-3/08. Clock spring contact assembly for driver's airbag supplemental restraint system may become damaged through usage over time. Driver's airbag electrical circuit will experience high resistance condition, which may cause driver's airbag to not deploy in crash and not be able to properly protect driver, resulting in injuries. Correct by replacing airbag clock spring contact assembly as necessary.

12V-244 05-31-12 Kia Rio 2006-08 72,568
Mfg. Campaign No. SC097 - Airbag Occupant Sensor. DOM: 2/05-12/07. Front passenger seat occupant sensor mat can experience fatigue cracking. Occupant classification system (OCS) will cease to function and will not be able to detect whether child passenger is in seat and airbag will deploy during crash necessitating deployment. Airbag deployment with child in front passenger side seat increases risk of injury to child. Correct by replacing OCS seat sensor mat.

LAND ROVER

98V-040 2-20-98 Land Rover Range Rover 1995 54,488
Mfg. Campaign No. B488. DOM: 12/93-12/97. As result of chafing of cruise control wire against steering wheel rotary coupler, insulation can fail and ground coupler. Electrical grounding of coupler can cause driver's airbag to deploy. Deployment of airbag restraint system without warning can cause driver to lose vehicle control. Correct by installing fusible link which will protect rotary coupler from overheating.

04V-510 10-15-04 Land Rover Freelander 2005 4
built to specification. Damage to airbag occurs that allows release of fragment of deflector panel into passenger compartment, injuring seat occupant. Correct by replacing passenger airbag module.

09V-467 12-03-09 Land Rover Range Rover 2010 4,035
Mfg. Campaign No. P020. DOM: 3/09-11/09. Vehicles fail to meet FMVSS 208 as occupant classification system may experience airbag warning lamp illumination on instrument cluster. Passenger airbag will be disabled when airbag warning lamp is illuminated and passenger airbag warning disable lamp in overhead console will also illuminate. Passenger airbag may not deploy and result in injury in crash. Correct by updating vehicle's restraints control module with updated software.

10V-581 11-12-10 Land Rover LR2 2010-11 2,956
Mfg. Campaign No. P116 - Airbag. DOM: 11/09-8/10. Shorting bar in clock spring may become disconnected when driver airbag module connector is installed. Driver frontal airbag may not deploy and will not be able to properly protect driver, resulting in injury. Correct by installing spacer into driver's airbag clock spring harness connector.

LOTUS CARS USA

96V-244 12-5-96 Lotus Esprit 1995, 1997 240
DOM: 09/94-11/96. Airbag and seat belt system warning labels are missing from sun visor, which does not comply with FMVSS 208. Vehicle occupant may not properly understand that vehicle has airbags, operation of airbags, and need to use safety belts. Correct by providing with labels and installation instructions.

MASERATI

05V-019 01-20-05 Maserati Quattroporte 2005 495
Mfg. Campaign No. 136. DOM: 5/04-1/05. Passenger vehicles have non-functioning button with words "passenger airbag off" etched into it. Button is located, along with LED light, on console adjacent to sun roof. Button does not deactivate passenger-side airbag, nor is LED light indication that passenger side airbag has been deactivated. Button is non-functional and cannot be depressed when pushed. Placement of infants and small children in front passenger seat could result in serious injury or death in crash in which passenger-side airbag deploys. Correct by replacing console with one which does not contain non-functioning button and LED light.

07V-550 12-04-07 Maserati Granturismo 2008 56
Mfg. Campaign No. 170. DOM: 9/07-10/07. On vehicles with advanced passenger seat airbag weight sensor system, malfunction can occur in supplemental restraint system (SRS) electronic control unit (ECU) software when battery is not fully charged. In event of crash, passenger side airbag and passenger seatbelt pre-tensioner may not deploy and result in injuries. Correct by replacing SRS ECU units as necessary.

MAZDA

90E-043-2 10-26-90 Mazda RX7 1990 88
On vehicles with TRW driver's side supplemental airbag modules, threaded inflator components may have been damaged during assembly which may allow components to separate when inflator receives signal to deploy airbag. This could allow hot combustion gases to escape into passenger compartment. Correct by replacing airbag modules.

95E-006.001 2-23-95 Mazda 626 1995 565
DOM: N/A. Passenger side airbag has inflator body that cracked during forming of curl that retains igniter plug in end of inflator. Also igniter end cap can separate from inflator. Passenger side airbag may not inflate properly resulting in reduced occupant protection in accident. If igniter end cap separates in frontal collision, hot gases can be released and ignite flammable material or cause burn injuries. Correct by removing and replacing passenger side airbag module.

98V-249 10-7-98 Mazda 626 1995-97 213,000

00V-004 1-5-00 Mazda Miata 1995 19,595

02V-196.001 8-1-02 Mazda MPV 2001 25
Mfg. Campaign No. 0802H. DOM-12/21/00-12/25/00. Airbag modules were not properly welded and fail to deploy in collisions, resulting in seat occupant not being properly protected. Correct by replacing passenger airbag module.

04V-468 09-23-04 Mazda Mazda3 2004 42,000
Mfg. Campaign No. 2304J. DOM: 6/03-3/04. Crack in airbag crash zone sensor housing allows water to enter sensor, causing short circuit and illuminating airbag warning light. Airbag will not deploy as designed in frontal crashes, increasing risk of death or serious injury to driver and front seat passenger. Correct by replacing crash zone sensor.

04V-559 11-22-04 Mazda Mazda3 2005 2
Mfg. Campaign No. 2504KDOM: 8/04. Crack in solder connection attaching acceleration sensor in SAS unit made contact with base plate, damaging solder connection. Airbag will not deploy when vehicle is involved in frontal crash. Correct by repairing.

06V-103 04-03-06 Mazda MX-5 Miata 2006 2,600
Mfg. Campaign No. 3906C. DOM: 12/05-2/06. Bolt attaching horn assembly to steering wheel hub may fail during driver front airbag deployment in extremely low ambient temperature. Horn assembly may separate and injure driver during deployment. Correct by replacing driver-side front airbag module.

MERCEDES

87V-073 5-15-87 Mercedes 560SL, 190E, 260E, 300E, 300D-Turbo 1986-87 283
DOM: 1986-87. Push/pull forces of electrical connection between airbag unit and steering wheel are
within specifications. Plug may get disconnected which could result in airbag failing to deploy in accident. Correct by inspecting and replacing airbag unit.

93V-108 6-23-93 Mercedes 124, 140, 201 1993 480
Some passenger cars had wrong airbag installed during production. Airbag was smaller "face bag" designed for European models as opposed to correct, larger US version designed to protect head and chest. Installed airbags do not meet injury requirements of FMVSS 208. Drivers relying on installed airbag would not be protected in same manner as that of standard-compliant airbag, and could have increased risk of injury in accident. Replace airbags with ones that comply with FMVSS 208.

95V-031 2-10-95 Mercedes 124 (E-Class) 1992-95 50,000
DOM: 2/92-10/94. Front passenger metal footrest can abrade through wiring harness under footrest causing wiring harness to short circuit which can cause wires to overheat, stall engine, or inadvertently deploy airbag, increasing risk of accident. Correct by installing additional wiring harness cable fastener ties and edge protective covering for sharp edges of metal footrest.

98V-256 10-7-98 Mercedes E-Class 1999 4,163
Mfg. Campaign No. 1998090002. DOM: 7/98-8/98. Wrong clamp may have been installed on window airbag units which may not fully deploy in side-impact collision, not providing adequate protection to occupant. Correct by inspecting window airbag units and, if wrong or incorrectly installed clamp is found, entire unit will be replaced.

99V-327 11-22-99 Mercedes S-Class 1997 4,402
Mfg. Campaign No. 1999110004. DOM 6/96-7/97. Corrosion of electrical ignition filament of gas generator module can occur if vehicle is operated in areas of high humidity and result in driver's airbag being deployed unintentionally. Correct by replacing driver's airbag module.

00V-388 11-21-00 Mercedes E-Class 1997 16,260
Mfg. Campaign No. 2000110004. DOM: 11/96-2/97. Side airbag deploys in absence of crash which can cause injury to occupant. Correct by replacing driver and passenger door-mounted side airbag modules. Correct by also inspecting side airbag module wiring within doors and replacing wiring if any evidence of damage.

05V-560 12-15-05 Mercedes C-Class 2005-06 61,00
DOM: 5/04-11/05. Vehicles with sport model steering wheels fail to meet FMVSS 208. In low risk airbag deployment tests conducted by NHTSA using out-of-position unbelted 5th percentile female crash test dummy, irregularities were demonstrated indicating occupants may not be properly protected in crash and could be injured. Correct by installing new airbag inflator module.

12V-380 08-06-12 Mercedes G55, G550 2011 189
Mfg. Campaign No. N/A - Airbag. DOM: 9/10-4/11. During front passenger air bag deployment, parts of molding strip could loosen and become projectiles in passenger compartment. This could cause personal injury. Correct by reinforcing connection between molding strip and air bag cover flap.

12V-492 10-09-12 Mercedes E350, E550 2012 499
Mfg. Campaign No. N/A- Side Curtain Airbag. DOM: 4/12-6/12. Improper stitching of right side window curtain airbag may cause it to not deploy as intended. In event of crash with airbag deployment, improper stitching may cause airbag to deflate more quickly than intended, reducing protection and resulting in increased risk of injury to occupants. Correct by replacing right side window curtain airbag.
MITSUBISHI

03V-194  05-16-03  Mitsubishi  Outlander  2003  43,649
DOM: 8/02-4/03. Water enters front floorboard area from opening in side sill or upper dash area, collecting under seat causing electrical corrosion in harness connectors that contain wiring for seatbelt pretensioner, side airbag impact sensor, and stop lamps. Electrical corrosion could cause seat belt pretensioner to malfunction, side airbag not to deploy, and brake lamps not to illuminate or falsely illuminate. Correct by inspecting side sills and dash panel for openings that would allow water leakage, sealing any openings and replacing wiring connectors showing signs of electrical corrosion.

09V-361  09-16-09  Mitsubishi  Endeavor  2010  531
Mfg. Campaign No. SR-09-003. DOM: 5/09-7/09. Retainer bracket used for seat-mounted side airbag frames on both driver and front passenger seats may not have been properly welded. If this exists, front seat-mounted airbags may not deploy correctly in side impact crash, resulting in injury to seat occupant. Correct by inspecting weld condition of side airbag retainer bracket on front passenger seats and replacing seatback assembly as necessary.

09V-435  11-05-09  Mitsubishi  Lancer, Lancer Evolution 2008-09  29,353
DOM: 1/07-5/09. In areas where heavy road salt is used in winter, long term exposure to mixture of melted snow with salt thrown up by other vehicles on road may cause water-salt mixture to adhere to front impact sensors. This coating may cause corrosion of sensor. In crash that would deploy airbags, short-circuit may cause delay in deployment of airbags which could result in driver or passenger injury. Recall is limited to vehicles originally sold in or currently registered in CT, DE, IL, IN, IA, KY, ME, MD, MA, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, VA, WV, WI, DC. Correct by installing new front airbag sensors with improved corrosion resistance.

12V-372  08-01-12  Mitsubishi  I-Miev  2012  261
Mfg. Campaign No. SR-12-003 - Airbag. DOM: 11/11-12/11. Incompatibility between air bag sensors and self-diagnostic software may deactivate frontal and side airbag system. Should this occur, SRS warning lamp would illuminate to alert driver. Airbags may not deploy in crash for and result in personal injury to occupants. Correct by replacing incompatible air bag sensors with new, compatible units.

MITSUBISHI MOTOR SALES OF CARIBBEAN

99V-334  11-23-99  Mitsubishi  Mirage  1998-99  3,000
DOM 8/97-2/99. Mitsubishi Caribbean had replaced original factory installed mounting bracket bolts of both driver and passenger airbags with aluminum rivets. After airbag deployment, rivets can loosen or break, causing partial or total displacement of airbag modules. Airbag module could separate from steering wheel after activation and injure seat occupant. Correct by replacing rivets with original factory bolts.

04V-428  08-27-04  Mitsubishi  3000GT  1999  100,432
Eclipse  1998-2005
Eclipse Spyder  2000-2005
Endeavor  2004
Galant  1999-2003
Lancer  2002-2004
DOM: 5/97-8/04. Bilingual English/Spanish removable air bag warning labels affixed to dash and to sunvisor do not meet size requirements of standard. Correct by replacing airbag dash warning labels on all vehicles and airbag sun visor alert label on Nativa.

NISSAN

94V-007 1-10-94 Nissan Maxima 1992-93 65,000
DOM: 01/92 - 09/93. In some accidents involving underbody impacts, airbag will inadvertently deploy because of sensitivity of tunnel sensor for airbag system is too great. Correct by replacing tunnel sensor with one that is less sensitive.

03V-061 2-21-03 Nissan Altima, Xterra 2002 64,562
Mfg. Campaign No. R3001. DOM-6/01-11/01. Electrical connector for driver airbag comes loose, causing driver side airbag not to deploy in crash, and causing supplemental airbag warning light to flash intermittently. Correct by installing retaining clip on clock spring electrical connector.

06V-459 11-22-06 Nissan Titan 2004-06 96,500
DOM: 7/03-8/06. On crew cab trucks, wires in harness were routed through rear doors and into body. These wires may break due to over bending of harness as door is opened and closed. Harness contains wires for driver seat belt pretensioner and for front passenger seat belt which is part of occupant classification system. Wires for rear audio speakers are also contained in harness. If wires for seat belt and speaker wires break and make contact, pretensioner may deploy. If this happens when seat belt is retracted, it will not be possible to use seat belt. If one of wires on right side harness for seat belt tension sensor breaks, passenger side front airbag will not deploy as designed in frontal collision resulting in crash and personal injury. Correct by replacing wire harness cover with different type that prevents over bending of harness and harness rerouted.

07V-094 3-7-07 Nissan Versa 2007 16,309
DOM: 5/06-9/06. Terminals for passenger side seat belt tension sensor harness connector were damaged during manufacturing process. This could result in loss of electrical continuity causing occupant detection system to become inoperative. If this occurs, airbag warning light will come on and passenger side frontal airbag will be suppressed. Correct by replacing connector for seat belt tension sensor harness.

11V-408 08-09-11 Nissan Altima, NV 2012 54
Mfg. Campaign No. N/A - Airbag. DOM: 6/11. Airbag control unit was assembled incorrectly and will not operate as designed. Airbags may not inflate in crash which could increase risk of injury. Correct by replacing airbag control unit.

12V-055 02-14-12 Nissan Altima, Versa 2012 976
Mfg. Campaign No. N/A - Side Curtain Airbag. DOM: 11/11-12/11. Side curtain airbag inflator modules may contain incorrect propellant mixture for initiator component used, resulting in insufficient output of compressed gas. Side curtain airbags may not deploy, increasing risk of injury. Correct by replacing side curtain airbag modules, as necessary.
Brief Description of Defect

Mfg. Campaign No. N/A - Airbag. DOM: N/A. Wiring connector for seat mounted airbag may experience increased electrical resistance, resulting in non-deployment of side airbags which could result in injury. Correct by modify wiring connector.

Pierce Manufacturing Co. (see Oshkosh Truck Corp.)

09V-341 08-31-09 Pierce Arrow XT, Dash, Impel, Quantum, Velocity 2007-09 28
Mfg. Campaign No. 39-0139830 - Airbag Sensor. DOM: 12/07-7/09. On fire trucks with occupant side-roll airbag protection systems, sensor designed to detect vehicle roll can malfunction resulting in inadvertent deployment of protection system. Inadvertent deployment of airbag could result in vehicle crash or injury to out of position occupant. (See IMMI recall 09E-048.) Correct by replacing sensor.

PORSCHE

98E-005 2-23-98 Porsche 911, Boxster, Carrera 1997-98 32
Mfg. Campaign No. AW 04. DOM: N/A. Contact buckle in child safety system airbag deactivation kit, Part # 993 803 283 00, 996 803 283 00 or 996 803 083 00, does not deactivate airbag. Deployment of airbags in crash could result in severe injury or death to child seat occupant. Correct by installing modified airbag deactivation kit.

98V-089001 4-30-98 Porsche 911 Carrera, 911 Turbo 1996 1,968
Inadvertent deployment of driver airbag can occur resulting in lose of vehicle control, crash and personal injury. Correct by installing relay horn filter to prevent voltage spikes.

Q VALE AUTOMOTIVE GROUP

02V-023 1-22-02 QAG Mangusta 2000–01 300
On vehicles with Visteon airbag control modules, modules were produced with incorrect deployment calibration setting. In crash, improper airbag deployment could result, increasing risk of injury or death. Correct by replacing airbag electronic control unit.

ROUSH PERFORMANCE PRODUCTS

05V-274 05-27-05 Roush Mustang GT 2005 680
DOM: 11/04-5/05. On altered vehicles with Roush leather seat packages, occupant classification system (ocs) sensor system can intermittently deactivate passenger airbag and illuminate dash display showing "passenger airbag deactivated" while vehicle is operating. In crash, passenger's airbag may not deploy, resulting in injury to seat occupant. Correct by replacing passenger side seat cushion with "service pack" containing stock seat cushion and ocs that has been properly calibrated for installation of leather seat covers. Roush will then recover passenger seat cushion with different leather, and will also modify driver's
side seat cushion with matching foam and leather.

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**SAAB**

98V-139  6-18-98  Saab  900  9000, 9-3, 9-5  1997–98  39,313  
Mfg. Campaign No. 706. DOM: 02/97-06/98. Airbag alert label on driver's side visor required by FMVSS 208 was omitted. Vehicle occupant may not properly understand operation of airbag system and need to use seat belts. Correct by installing alert label on visible side of driver's sun visor.

Mfg. Campaign No. 708. DOM: 6/91-7/94. Water may enter airbag electronic control module (ECM) and cause corrosion, creating open connections in portions of ECM printer circuit boards, leading to inadvertent airbag deployment. Correct by placing water resistant seal on ECM that show no water damage and by replacing and sealing ECM that do show water damage.

01V-222  6-26-01  Saab  900  1998  12,036  
DOM: 7/97-12/97. Static electricity can build up within passenger airbag module and create significant enough charge to cause inadvertent airbag deployment and occupant injury. Correct by installing front passenger airbag module grounding strap.

02V-308  11-14-02  Saab  900  1995  20,476  
Mfg. Campaign No. 15012. DOM: 1/94-4/95. Airbag electronic control unit (ECU) may experience condensation or receive leakage from electrolyte capacitor, creating conductive material that could trigger electrical short circuit, deploying airbags and seat belt pretensioners in non-crash event. Correct by installing new airbag ECU.

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**Southeast Toyota Distributors, LLC**

13V-014  01-16-13  Toyota  4Runner, Camry, Camry Hybrid, Prius, RAV4, Tacoma Avalon, FJ Cruiser, Highlander Hybrid Corolla, Sienna, Tundra Highlander, Venza Prius V Sequoia  2009-12  3,235  
Mfg. Campaign No. N/A - Airbag. DOM: N/A. During modification to include accessories such as leather seat covers, seat heaters or headrest DVD systems, vehicles may not have had passenger seat occupant sensing system calibration tested and occupant sensing system may not operate as designed. If front passenger seat occupant sensing system is out of calibration, front passenger airbags may not deploy or deploy inappropriately for passenger's size and position. This could result in personal injury during crash necessitating airbag deployment. Correct by testing sensitivity of occupant detection sensors and recalibrating as necessary.
Spartan Chassis, Inc.

11V-321 06-13-11 Spartan Gladiator 2011 10
Metrostar 2010-11

Brief Description of Defect
Mfg. Campaign No. 11014 - Airbag/FMVSS 208. DOM: 4/10-4/11. On fire apparatus chassis/cab with Rolltek side airbag, vehicles fail to meet FMVSS 208. Airbag warning indicator may not function and operator may not be warned of problem with side airbags. This may result in injury or increased severity of injury to vehicle occupants in crash. Correct by inspecting side airbag warning indicator light and connecting wires as necessary.

SUBARU

95,693
DOM: 3/94-6/95. Inadvertent airbag deployment can occur after undercarriage contact of tow hooks with curbs, dips, speed bumps, potholes, etc. Unexpected airbag deployment could result in personal injury. Correct by removing front tow hooks.

07V-043 2-6-07 Subaru Forester, Impreza 2006 7,004
Mfg. Campaign No. WVC-13. DOM: 2/05-6/05. Wiring harness for airbag occupant detection system in front passenger seat were pinched during production. Pinching of wiring harness between floor crossmember and seat mounting bracket could result in short circuit. Passenger's front airbag could become disabled and may not deploy in crash resulting in injury to seat occupant and electrical short circuit could cause fire. Correct by inspecting to see if wiring had been incorrectly routed under seat bracket, repairing any damaged wiring, rerouting and securing wiring harness in correct location, and re-calibrating occupant detection system as necessary.

12V-047 02-09-12 Subaru Legacy, Outback 2012 381
Brief Description of Defect
Mfg. Campaign No. WVZ-36 - Side Curtain Airbag. DOM: 12/11. Side curtain airbags may not contain incorrect propellant mixture for initiator component used, resulting in insufficient output of compressed gas. Side curtain airbags may not deploy, in of injury. Correct by replacing side curtain airbag modules as necessary.

Suzuki Motor Corp. (American Suzuki Motor Corp.)

10V-118 03-25-10 Suzuki Equator 2010 15
Mfg. Campaign No. N/A - Airbag.10-3/10. Fasteners securing passenger front airbag module, and also fasteners securing steering shaft positioning bracket may not have been tightened to proper torque specification. In crash, passenger front airbag deployment trajectory might be affected. fasteners could come out of steering column positioning bracketand result in crash. Correct by inspecting steering column and passenger front airbag fasteners, replacing any missing fasteners will be replaced and retightening all loose fasteners to proper torque specifications.

Takata Corp.
Mfg. Campaign No. N/A - Airbag Inflator. DOM: N/A. Inflators in certain frontal passenger-side airbag inflators it manufactured and supplied to various vehicle manufacturers may produce excessive internal pressure causing inflators to rupture upon deployment of airbag. In crash resulting in a deployment of passenger's airbag, inflator could rupture, with metal fragments striking and seriously injuring passenger seat occupant or other occupants. Correct by inspecting and replacing inflator module.

### TOYOTA

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DOM: 11/89-12/89. Airbag inflator case was incorrectly machined. In accident, airbag may not deploy, which could result in increased injury to driver. Correct by replacing airbag inflator unit.

DOM: 06/92-01/95. If liquid is spilled in console box area, airbag warning light can illuminate during normal driving conditions and cause airbag to malfunction and inadvertently deploy. Correct by installing protective cover over airbag sensor to prevent possible malfunction caused by spilling of liquid substances on sensor. Airbag sensors damaged by previous liquid spillage will be replaced.

DOM: 08/96-11/96. If airbag computer experiences mechanical shock within very short time after engine is started, e.g., rapidly moving front seat back against stops or sudden release of parking brake, airbag can deploy inadvertently. Unexpected airbag deployment can result in occupant injury. Correct by repairing airbag computer.

DOM: 1/98-8/98. Statement in owner's manual about airbag on-off switch is incorrect and does not comply with FMVSS 208. If airbag switch is off, occupant who is not member of passenger risk group is subject to increased injury in crash. Correct by providing new owner's manual.

DOM: 6/01-11/01. On three-spoke style steering wheel, during airbag deployment, bottom seam of front driver side airbag module cover (horn pad) could be torn away, allowing bottom portion of cover to completely detach from airbag module. If this should occur, detached bottom portion may strike driver, causing personal injury. Correct by replacing driver airbag module.

DOM: 10/01-2/04. On vehicles with side curtain airbags, one or both of airbags twisted near inflator due to improper assembly. Airbags cannot deploy rapidly enough when activated in side impact collision, resulting in failure to provide intended head protection. Correct by replacing airbag assembly.

DOM: 9/02-4/05. Vehicles have manual airbag on-off switch to disable front passenger airbag and do not have child restraint lower anchorage system in front passenger seat as required.
by FMVSS 225. Correct by removing manual airbag on-off switch, replacing owner's manual, and affixing new sun visor airbag warning label.

05V-302 06-27-05 Toyota Tacoma 2005 11,592
Mfg. Campaign No. 50I. DOM: 9/04-5/05 On regular cab pickups with bench seat, seat position and seat belt buckle sensor connector pins are incorrectly positioned due to wiring harness manufacturing error. Seat position and seat belt buckle sensor may not function as designed, affecting adaptive airbag deployment and result in reduced occupant protection in crash. Correct by inspecting seat position and seat belt fastening condition sensor connector and installing sub-wire harness.

05V-328 07-19-05 Toyota Tundra 2005 2,527
Mfg. Campaign No. 50K. DOM: 4/05-6/05 Pickup with automatic transmissions and optional fabric front captain's chairs fail to meet FMVSS 208 because they were built with incorrect front passenger occupant classification system indicator light lens which will not display status of front passenger airbag. Occupants will not be made aware of whether or not airbag is activated and ready to protect occupant. Correct by replacing front passenger occupant classification system indicator lens.

06V-096 03-28-06 Lexus GS, IS LS 2006 133
Toyota Prius Avalon, Tacoma 2005-06 Camry RAV4 2005 Scion TC 2005-06
Mfg. Campaign No. 60B 6LB. DOM: 6/04-11/05 Improper assembly of airbag inflator used in side airbag, curtain shield airbag, and knee airbag assembly. Some inflators were produced with insufficient amount of heating agents necessary for proper airbag deployment and expansion force of gas may be insufficient to properly inflate airbag during crash and result in reduced occupant protection in crash. Correct by replacing airbag.

06V-408 10-24-06 Scion tC 2005-06 29,542
Mfg. Campaign No. SSC 60H. DOM: 3/04-3/06. Side impact seat-bolster and curtain side airbags may inadvertently deploy if door for that side of vehicle is closed with high rate of force while vehicle’s ignition is in “on” position or within 90 seconds of turning ignition key from “on” position to “off” position. If side impact seat-bolster and curtain side airbags inadvertently deploy, they could cause personal injury if occupant is seated on same side of vehicle as door that is closed with high rate of force. Until repair has been performed, it is recommended that minimal force/speed be used to close driver and passenger doors or closing doors after 90 seconds have elapsed from turning ignition key from “on” to “off” position. Correct by replacing side impact airbag sensors and installing urethane pad in front doors.

06V-488 12-14-06 Toyota Camry Solara 2007 160
Mfg. Campaign No. 60J. DOM: 7/06. On vehicles with side curtain airbags, airbag tether strap located in front pillars may have been incorrectly routed during assembly process. If tether strap is not correctly routed, front side of side curtain airbag may not deploy as designed, which may result in insufficient occupant protection during side impact crash or rollover. Correct by inspecting both CSA front tether straps and rerouting them.

09V-332 08-19-09 Toyota Corolla 2010 1,309
Mfg. Campaign No. 9OG - Airbag/FMVSS 208. DOM: 5/09-6/09. Vehicles fail to meet FMVSS 208 because airbag label installed on driver side sun visor can separate from surface of visor. Correct by inspecting label and replacing driver side sun visor.

11V-245 04-21-11 Toyota Highlander Hybrid, Highlander RAV4 2008 307,848
Mfg. Campaign No. BOE-B1E - Airbag. DOM: 11/06-1/08. Side curtain airbag system has two sensors which are designed to detect vehicle roll angle. If one of these sensors malfunctions, airbag warning light (malfunction indicator light: mil) will illuminate and roll detection system will be suspended; however,
airbag remains available in side crash. If both sensors fail nearly simultaneously after initial airbag system check, airbag and seat belt pretensioner could be inadvertently activated, causing injury to vehicle occupant. Correct by replacing airbag sensor assembly with one containing improved roll rate sensors.

12V-029 02-01-12 Toyota RAV4 2011 427
Mfg. Campaign No. COA - Airbag. DOM: 11/11-12/11. In side curtain airbags, propellant with incorrect specification was used for initiator assembled in airbag inflator. Inflator may not perform properly, causing one or both side curtain airbags to not deploy. Airbags may not deploy in crash and will not be able to properly protect occupant, increasing risk of injuries. Correct by checking VIN to identify side curtain assemblies and replacing assemblies as necessary.

12V-092 03-07-12 Toyota Tacoma 2005-09 495,470
Mfg. Campaign No. COB - Airbag. DOM: 9/04-8/08. Over time, steering wheel vibration may damage spiral cable assembly (clockspring) that powers driver’s airbag module. If damage occurs, airbag warning lamp will illuminate and airbag may become deactivated. Driver’s airbag may not deploy, resulting in personal injury. Correct by replacing spiral cable assembly.

12V-255 06-05-12 Scion FR-S 2013 1,156
Mfg. Campaign No. N/A - Owner’s Manual/FMVSS 208. DOM: 3/12-5/12. Owner’s manual contains inaccurate description of operation of front passenger occupant classification system. Other portions of owner’s manual, describing airbag system, require clarification. Vehicles fail to meet FMVSS 208. If user reads and follows inaccurate owner’s manual information, this could result in injury to front passenger seat occupant in crash. Correct by mailing inserts for owner’s manuals.

12V-528 11-08-12 Scion Iq 2012-13 11,153
Mfg. Campaign No. N/A - Airbag Occupant Sensor. DOM: 7/11-10/12. Cable for occupant classification system (OCS) may become damaged when sliding passenger seat forward or backward. If cable for OCS becomes damaged, front passenger airbags may not deploy or deploy inappropriately for passenger's size and position. This could result in injury in crash necessitating airbag deployment. Correct by installing protective cover on OCS weight sensor cable.

13V-029 01-30-13 Toyota Corolla Matrix 2003-04 887,709
Mfg. Campaign No. N/A - Airbag. DOM: 12/01-4/04. Airbag circuits are susceptible to internal shorting which may create abnormal current flow and increased heat which can damage circuits. This could result in inadvertent deployment of front airbags and/or seat belt pretensioners which may result in injury and crash. Correct by installing supplemental harness containing electrical filter between airbag control module and its wiring harness.

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**TRW AUTOMOTIVE PRODUCTS**

90E-043 10-22-90 Defective Modules:
Mazda RX7 1990
Ford Crown Victoria 1990-91
Taurus, Tempo 1990
Mercury Grand Marquis 1990-91
Sable, Topaz 1990
Lincoln Continental 1990
Acura Legend 1989-91
Buick Reatta, Riviera 1990
Cadillac Deville, Seville 1990

4,490 (176,653 vehicles)
Airbag module threaded inflator component may have been damaged during assembly which may allow components to separate when inflator receives signal to deploy airbag. This could allow hot combustion gases to escape into passenger compartment. Correct by replacing airbag modules.

VOLKSWAGEN

97V-172 10-6-97 Audi 80, 90, 100, 200 1989-93 54,800
Coupe, S4
Mfg. Campaign No. KF. DOM: 09/88-07/93. Some airbag sensors do not comply with Audi’s durability standards over lifetime of vehicle. If sensor malfunctions, airbag restraint system can inadvertently deploy. Deployment of airbag restraint system without warning could cause driver to lose control of vehicle. Correct by replacing airbag sensor control module.

97V-175 10-8-97 Audi 90, A4, A6, A8, Cabriolet 1995-97 39,300
Mfg. Campaign No. KG. DOM: 07/94-09/96. Discharge of static electricity under low humidity conditions can activate driver side airbag when driver enters or exits vehicle and forms electrical circuit by touching certain areas of steering wheel. Activation of airbag under these conditions can cause personal injury. Correct by installing ground wire on driver side airbag.

02V-275 9-26-02 Audi A6 2003 170
Mfg. Campaign No. LN. DOM: 2/02. Igniter for driver's side airbag not properly assembled, airbag will not activate in crash. Correct by replacing airbags.

05V-522 11-11-05 Audi A8, A8 L, A8 LW12 2006 1,530
Mfg. Campaign No. JJ. DOM: 6/05-10/05. Wiring harness malfunction may deactivate passenger side frontal airbag when it should remain activated. Both airbag warning light in instrument cluster and "passenger airbag off" telltale in center of instrument panel will properly illuminate. Passenger side frontal airbag would not deploy in frontal crash. Correct by modifying wiring harness.

06V-293 07-31-06 Audi A3 2006 48
Mfg. Campaign No. JP. DOM: 7/05-8/05. Either left or right side curtain airbag inflation module may leak in crash and airbag may not inflate as designed resulting in injury to seat occupant. Correct by replacing side curtain airbag.

06V-324 08-24-06 Audi A4 2004-05 7,674
Mfg. Campaign No. JQ. DOM: 2/03-6/05. Driver frontal airbag may not unfold properly in crash and may not inflate as designed which can result in injury in crash. Correct by installing new driver's frontal airbag.

06V-454 11-17-06 Audi A8 2006-07 5,902
Mfg. Campaign No. JR. DOM: 6/05-6/06. Where weak battery exists, low voltage condition could cause airbag control unit to improperly set fault code and deactivate passenger side frontal airbag. Both airbag warning light in instrument cluster as well as 'passenger airbag off' telltale in center of instrument panel will illuminate and provide visual warning to driver. In frontal crash, passenger side front airbag would not deploy which could cause injury to seat occupant. Correct by updating airbag control module software.

08V-178 04-17-08 VW Beetle Convertible 2003-05 76,900
Beetle
Mfg. Campaign No. R6. DOM: 7/02-10/04. Advanced (dual-stage) airbag system may have airbag frontal crash sensors that contain solder joint on circuit board that may crack under high temperature conditions. If this occurs, airbag indicator light will illuminate and fallback algorithm will ensure that front airbags always deploy in frontal crash in which vehicle's deceleration is high enough to activate frontal airbags.
In low-severity frontal impacts, front airbags may deploy more forcefully than designed and injure out-of-position front seat occupants. Correct by inspecting crash sensor and replacing all defective crash sensors.

11V-580 12-06-11 Audi A6 2012 317
Mfg. Campaign No. N/A - Side Curtain Airbag. DOM: 4/11-5/11. Seam of airbag may not be stitched properly. In crash, head curtain airbag may not deploy and will not be able to properly protect occupant, resulting in injury. Correct by replacing left and/or right curtain airbag.

12V-540 11-15-12 Volkswagen Beetle 2012-13 2,471
Mfg. Campaign No. 69I9/W6 - Airbag Occupant Sensor. DOM: 2/12-8/12. On vehicles with leather sport seats, if right front passenger seat gets wet, occupant control module may not detect presence of child restraint installed in seat and airbag will not turn off. If airbag does not turn off in crash necessitating front airbag deployment, child secured in child seat may be seriously injured. Correct by replacing control modules.

VOLVO

89V-025 2-17-89 Volvo 780 1987-88 1,883
DOM: 08/86-05/88. Electronic control unit that activates airbag may malfunction. This could result in airbag inflation module and seat belt pretensioner not functioning in crash. Correct by replacing electronic control unit.

94V-185 9-28-94 Volvo 200, 700, 900 1990-93 269,000
DOM: All. Owner's manuals do not contain warning information pertaining to airbag restraint systems, as follows: Warning! If your car has been subjected to flood conditions (e.g., soaked carpeting/standing water on floor of vehicle) or if your car has become flood damaged in any way, do not attempt to start vehicle or put key in ignition before disconnecting battery. This may cause airbag deployment which can result in serious personal injury. Have car towed to authorized Volvo dealer for repairs. If owner has not been advised of this, and vehicle has been subjected to conditions described, inadvertent airbag deployment can result and cause injury to occupant of driver's seat. Correct by sending letter to vehicle owners asking them to place this information in supplemental restraint system (SRS) section of owner's manual.

DOM: 8/94-9/94. Driver's side airbag module may not deploy properly. This would result in reduced injury protection for driver in collision. Correct by replacing driver's airbag module.

99V-236 8-23-99 Volvo S70, V70, C70 1998 124,381
Mfg. Campaign No. 96. DOM: 1/97-8/99. Front airbags are overly sensitive to electrostatic discharges and could cause inadvertent airbag deployment. Correct by installing additional ground wires in passenger side.

07V-500 10-26-07 Volvo XC70 2008 1,601
Mfg. Campaign No. 184. DOM: 4/07-10/07. Two software errors have been found in supplemental restraint system (SRS) control unit software. This may result in late deployment of inflatable curtain (ic) and side impact protection system (sips) airbags in side impact crash situations. In addition, software error may also cause 'SRS airbag - service urgent' message and SRS warning light to illuminate. Late deployment of ic and sips airbags in side impact crash situations could cause injury to vehicle occupant. Correct by performing software upgrade of SRS control unit.

10V-489 10-13-10 Volvo S80, XC70 2010-11 9,746
V70 2010
XC60 2011
Mfg. Campaign No. R229 - Airbag. DOM: 11/09-6/10. There may be intermittent fault in driver's airbag
clockspring wiring connector. In crash, driver's frontal airbag may not deploy as intended or at all, and therefore will not be able to properly protect driver, resulting in injuries. Correct by installing metal shim in driver's airbag clockspring wiring connector.

10V-564 11-10-10 Volvo XC60 2010 58
Mfg. Campaign No. R233 - Airbag. DOM: 10/08-5/10. Side curtain airbags may have been mis-assembled which may cause airbag to not deploy or not deploy as intended. This may result in occupant injuries. Correct by inspecting left and right curtain airbag assembly and adjusting as necessary.