

Air Bag Sensor

Parent Company	Make	Model Year	Model	Details
BMW				No Information as of Date
Daimler Chrysler	Mercedes	ended in 1992	all models	Acceleration sensors for airbags, seat belts, active suspensions
	Mercedes	ended 1992 or 1993	all models	phased out the usage of mercury acceleration sensors for airbags
Volvo	Volvo	1987-1992	740/760/940/960	air bag sensor
	Volvo	1988-1993	240 (choice:steering wheel hub labeled "SRS")	Airbag sensor
	Volvo	1992 - 93	all models	phased out the usage of mercury acceleration sensors for airbags
Ford				No Information as of Date
General Motors				No Information as of Date
Honda				No Information as of Date
Jaguar				No Information as of Date
Mazda				No Information as of Date
Mitsubishi				No Information as of Date
Nissan	Nissan	some before 1995	model with airbag	air bag sensor
Peugeot				No Information as of Date
Porsche				No Information as of Date
Rover Group				No Information as of Date
Saab	Saab	1987-1991	900	air bag
	Saab	1987-1992	9000 CC, CD	air bag
Subaru				No Information as of Date
Toyota	Toyota	ended in 1992	all models	air bag sensor
	Toyota	ended 1992 or 1993	all models	phased out the usage of mercury acceleration sensors for airbags
	Toyota	? -1992	Lexus LS 400	air bag sensor
	Toyota	1990-1996	Lexus UCF 10	Airbag sensor
	Toyota	1993	Supra MA 70	Airbag sensor
Volkswagen of NA	Audi	1992	model with airbag	air bag sensor

Batteries

Parent Company	Make	Model Year	Model	Details
BMW		? -1992	All 7-Series	batteries
Daimler Chrysler				No Information as of Date
Ford				No Information as of Date
Volvo				No Information as of Date
General Motors				No Information as of Date
Honda				No Information as of Date
Jaguar				No Information as of Date
Mazda				No Information as of Date
Mitsubishi				No Information as of Date
Nissan				No Information as of Date
Peugeot				No Information as of Date
Porsche				No Information as of Date
Rover Group				No Information as of Date
Saab				No Information as of Date
Subaru				No Information as of Date
Toyota				No Information as of Date
Volkswagen of NA	Rolls Royce	ended in 1993	all models	batteries

From Maine Auto Dismantlers Guide

Assume that there is a mercury switch in the hood or trunk convenience lights on:

Model year 2001 or older GM or Ford vehicles

Model year 1998 or older Chrysler vehicles

Model year 1995 or older foreign-made vehicle except Hondas & Toyotas

Other notes:EPA1: American-made vehicles from 1995 to date still contain mercury switches to actuate hood and trunk convenience lighting. Some exceptions are 1997 and newer Jeeps, Chrysler product Mini-vans 1997 and newer.

mercury switches are in high-intensity headlamps, antilock brake system, navigation screen and trunk -or hood-mounted light switches. (Lots of Finger-Pointing Over Mercury in Cars, The New York Times, June 8, 2001).

Most European and Japanese automakers stopped installing mercury convenience-light switches in mid-1990s; those switches are now used in only a few Ford and GM vehicles. BUT even as the switches are being phased out, domestic and foreign companies are equipping cars with headlamps, brake components and navigation systems that contain mercury. (Lots of Finger-Pointing Over Mercury in Cars, The New York Times, June 8, 2001).

Daimler Chrysler's records did not consistently ID which cars or trucks actually had Hg switches, making any systematic recall and removal difficult (Lots of Finger-Pointing Over Mercury in Cars, The New York Times, June 8, 2001).

GM, Ford and Daimler Chrysler began removing mercury from products in 1995 under an agreement with Michigan (Lots of Finger-Pointing Over Mercury in Cars, The New York Times, June 8, 2001).

While U.S. manufacturers continue to use mercury switches, international automakers such as Toyota, Volvo and BMW have completely eliminated mercury switch applications since 1993 (source: <http://ens.lycos.com/ens/jan2001/2001L-01-22-07.html>)

CleanCar2: Automakers have not disclosed their historical use of mercury in pre 2000 model year vehicles. However, since 1997, all three US Automakers reported a significant reduction in the use of mercury switches. Based on these reports and previous mercury switch recovery efforts, all pre 1997 vehicles with convenience lighting as an option are presumed to have mercury switches. Furthermore, it is presumed that all vehicles not listed below [cleancar2] were replaced with mercury-free lighting switches between 1997-1999. A small % of 1997-1999 vehicles whose models are not listed [cleancar2] in the table below may still contain mercury switches. For example, a 1998 Taurus is not on the listed in the model year 2000-2001 list below, yet many still contain a switch depending on the exact date of the Taurus phase out. An older Taurus, 1995 for example, is assumed to contain a mercury switch."

From Toxic: *With ABS braking systems, there are 3 switches per vehicle (this is how I understand the info). *The internationally owned manufacturers, American Honda, Jaguar, Mercedes Benz, Mitsubishi Motors, Nissan, Porsche Cars, Rover Group, Saab Cars USA, Subaru of America, Toyota, Volvo, and Volkswagen, have phased out mercury ABS switches. *DaimlerChrysler reported using mercury in ABS switches, while Ford reported using mercury in ABS sensors. We assume these applications are the same. *The presence of 4-wheel ABS on both 2-wheel and 4-wheel drive vehicles is confirmed by data in the trade publication, Ward's Automotive Yearbook. *Mercedes, Toyota and Volvo used mercury acceleration sensors for airbags, but phased this application out in 1992 and 1993. *DaimlerChrysler reported its "4-wheel drive jeeps" contain mercury ABS switches; the Vermont DEP has interpreted this to mean all of the Jeep brand name (Wrangler, Cherokee, and Grand Cherokee) with 4-wheel drive (Personal Communication, Karen Busshart to Jeff Gearhart , October 17, 2000). Continues.

However, the 1998 M2P2 Task Force Progress Report notes that Daimler-Chrysler has phased out the use of mercury switches, with the exception of its Grand Cherokee Jeep, which uses three mercury switches in its ABS system. The Jeep web page lists ABS brakes on Grand Cherokee models and does not specify 2WD only (<http://www.jeepunpaved.com/gr-cherokee/specs/index.html>). It does not list ABS brakes on Cherokee or Wrangler models. Due to this confusing array of conflicting data, production figures are given here for all of the Jeep brand name, but we have assumed ABS mercury switches are only present in Grand Cherokee models, whether 2WD or 4WD.