Part 573 Safety Recall Report 17V-368

Manufacturer Name : Porsche Cars North America, Inc.
Submission Date : JUN 07, 2017
NHTSA Recall No. : 17V-368
Manufacturer Recall No. : AH08

Manufacturer Information :

Manufacturer Name : Porsche Cars North America, Inc.
Address : One Porsche Drive
Atlanta GA 30354
Company phone : 1-800-767-7243

Population :

Number of potentially involved : 17,986
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2010 Porsche Panamera S
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : JUL 04, 2009 - JUL 09, 2010
VIN Range 1 : Begin : WP0AB2A78AL060078 End : WP0AB2A70AL065808 ☐ Not sequential

Vehicle 2 : 2010-2010 Porsche Panamera 4S
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : JUL 06, 2009 - JUL 17, 2010
VIN Range 1 : Begin : WP0AB2A75AL060071 End : WP0AB2A77AL065823 ☐ Not sequential

Vehicle 3 : 2010-2010 Porsche Panamera Turbo
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : JUL 08, 2009 - JUL 22, 2010
VIN Range 1 : Begin : WP0AC2A70AL090043 End : WP0AC2A70AL092021 ☐ Not sequential

Vehicle 4 : 2011-2011 Porsche Panamera 4
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : Recall of Camshaft Controllers
Production Dates : APR 15, 2010 - JUN 21, 2011
VIN Range 1 : Begin : WP0AA2A7XBL010044 End : WP0AA2A74BL022075 ☐ Not sequential

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Vehicle 5 : 2011-2011 Porsche Panamera
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : APR 15, 2010 - JUN 17, 2011
VIN Range 1 : Begin : WP0AA2A7XBL010092 End : WP0AA2A75BL022036 ☐ Not sequential

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Vehicle 6 : 2011-2011 Porsche Panamera S
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : JUL 23, 2010 - JUN 06, 2011
VIN Range 1 : Begin : WP0AB2A78BL060003 End : WP0AB2A71BL063017 ☐ Not sequential

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Vehicle 7 : 2011-2011 Porsche Panamera 4S
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : AUG 09, 2010 - JUN 15, 2011
VIN Range 1 : Begin : WP0AB2A75BL060010 End : WP0AB2A72BL063026 ☐ Not sequential

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Vehicle 8 : 2011-2011 Porsche Panamera Turbo
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : AUG 10, 2010 - MAY 27, 2011
VIN Range 1 : Begin : WP0AC2A77BL090008 End : WP0AC2A76BL091215 ☐ Not sequential

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Vehicle 9 : 2011-2011 Porsche Cayenne S
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : APR 28, 2010 - JUN 25, 2011

VIN Range 1 : Begin : WP1AB2A22BLA40378 End : WP1AB2A21BLA56278 ☐ Not sequential

Vehicle 10 : 2011-2011 Porsche Cayenne S
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : JUN 07, 2010 - NOV 11, 2010
VIN Range 1 : Begin : WP1AB2922BLA43771 End : WP1ZZZ92ZBLA49011 ☐ Not sequential

Vehicle 11 : 2011-2011 Porsche Cayenne Turbo
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : MAY 03, 2010 - JUN 08, 2011
VIN Range 1 : Begin : WP1AC2A28BLA80350 End : WP1AC2A23BLA88405 ☐ Not sequential

Vehicle 12 : 2011-2011 Porsche Cayenne Turbo
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : FEB 09, 2011 - FEB 09, 2011
VIN Range 1 : Begin : WP1AC2922BLA86200 End : WP1AC2922BLA86200 ☐ Not sequential

Vehicle 13 : 2012-2012 Porsche Panamera 4
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : MAY 31, 2011 - SEP 13, 2011
VIN Range 1 : Begin : WP0AA2A79CL010005 End : WP0AA2A78CL012957 ☐ Not sequential

Vehicle 14 : 2012-2012 Porsche Panamera
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS
Descriptive Information : Recall of Camshaft Controllers
Production Dates : MAY 31, 2011 - SEP 13, 2011
VIN Range 1 : Begin : WP0AA2A77CL010004 End : WP0AA2A73CL012963 ☐ Not sequential

Vehicle 15 :	2012-2012 Porsche Panamera S
Vehicle Type :	LIGHT VEHICLES
Body Style :	4-DOOR
Power Train :	GAS
Descriptive Information :	Recall of Camshaft Controllers
Production Dates :	MAY 31, 2011 - SEP 13, 2011
VIN Range 1 :	Begin : WP0AB2A74CL060002 End : WP0AB2A78CL060648 ☐ Not sequential

Vehicle 16 :	2012-2012 Porsche Panamera 4S
Vehicle Type :	LIGHT VEHICLES
Body Style :	4-DOOR
Power Train :	GAS
Descriptive Information :	Recall of Camshaft Controllers
Production Dates :	JUN 01, 2011 - SEP 13, 2011
VIN Range 1 :	Begin : WP0AB2A7XCL060005 End : WP0AB2A72CL060645 ☐ Not sequential

Vehicle 17 :	2012-2012 Porsche Panamera Turbo
Vehicle Type :	LIGHT VEHICLES
Body Style :	4-DOOR
Power Train :	GAS
Descriptive Information :	Recall of Camshaft Controllers
Production Dates :	MAY 31, 2011 - SEP 13, 2011
VIN Range 1 :	Begin : WP0AC2A70CL090062 End : WP0AC2A73CL090394 ☐ Not sequential

Description of Defect :

Description of the Defect :	The proper functioning of the camshaft controllers cannot be assured over the normal service life of the vehicles. Should a failure occur, the check engine warning light would illuminate, and there would be noticeable engine noise and vibration. There is also the possibility of engine stalling.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	The possibility of engine stalling in case of a defective camshaft controller cannot be excluded.
Description of the Cause :	Due to a screw connection assembly problem, the existing threaded fasteners on the camshaft controllers can become strained to such an extent that they could fail. For this reason, the correct function of the camshaft controllers cannot be assured over the service life of the vehicle.
Identification of Any Warning that can Occur :	Check engine light would be illuminated and engine noises and vibration would occur.

Supplier Identification :

Component Manufacturer

Name : Hilite Germany GmbH

Address : Am Schlossfeld 5
Markheidenfeld FOREIGN STATES 97828

Country : Germany

Chronology :

In 2012 Porsche, began receiving occasional information about field incidents in certain Cayenne and Panamera vehicles which exhibited an activated check engine warning light as well as noticeable engine noise and vibration. These were found to have resulted from a failure of the camshaft controllers.
It was found that due to a screw connection assembly problem, the threaded connections on the camshaft controllers could become strained to such an extent that the fasteners failed.
To improve customer satisfaction, Porsche released voluntary workshop campaigns on December 18, 2012.
Within the scope of continuous field analysis in 2017, Porsche detected an increasing number of complaints. An extensive analysis of all available customer feedback was conducted regarding the reported failures and the resulting customer experience.
On May 31, 2017, the product safety committee of Porsche AG came to the conclusion that, based on the review of all available field data, a safety related defect could not be excluded. It was therefore decided to conduct a voluntary recall of all potentially affected vehicles in the US and Canada.

Description of Remedy :

Description of Remedy Program :	The vehicles will be recalled to the workshop to have the fastening screws of the camshaft adjusters replaced. If necessary in any particular vehicles, Porsche will replace the camshaft adjustor assemblies in their entirety. Porsche will provide customer reimbursement for repairs related to the camshaft controller fasteners.
How Remedy Component Differs from Recalled Component :	The remedy component will have an optimized design of the screw head geometry of the camshaft fasteners, and therefore will be stronger.
Identify How/When Recall Condition was Corrected in Production :	Improved camshaft controller fastenings were introduced into production on September 14, 2011.

Recall Schedule :

Description of Recall Schedule :	To be determined.
Planned Dealer Notification Date :	NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported