

Part 573 Safety Recall Report**15V-705****Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** APR 01, 2016**NHTSA Recall No. :** 15V-705**Manufacturer Recall No. :** 23R1**Manufacturer Information :**

Manufacturer Name : Volkswagen Group of America, Inc.

Address : 3800 Hamlin Road

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Population :

Number of potentially involved : 91,867

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2016 Volkswagen Jetta A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 39,052

Production Dates : NOV 12, 2014 - SEP 29, 2015

VIN (Vehicle Identification Number) Range

Begin : 3VWB07AJ6FM260043

End : 3VW5S7AJ3GM247856

 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Beetle

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 6,202

Production Dates : NOV 17, 2014 - AUG 03, 2015

VIN (Vehicle Identification Number) Range

Begin : 3VWVS7AT7FM630764

End : 3VW4T7AT9GM604516

 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Beetle Convertible

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 4,541

Production Dates : NOV 14, 2014 - AUG 18, 2015

VIN (Vehicle Identification Number) Range

Begin : 3VW7S7ATXFM807347 End : 3VW7T7AT9GM803529 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Golf SportWagen A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 2,642

Production Dates : DEC 09, 2014 - JUL 17, 2015

VIN (Vehicle Identification Number) Range

Begin : 3VW217AU1FM500137 End : 3VWC17AUXGM503107 Not sequential VINs

Vehicle : 2016-2016 Volkswagen Passat B7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 17

Production Dates : MAR 18, 2015 - JUN 24, 2015

VIN (Vehicle Identification Number) Range

Begin : 1VWCT7A32GC000223 End : 1VWAS7A3XGC001002 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Golf A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 5,438

Production Dates : NOV 20, 2014 - JUL 17, 2015

VIN (Vehicle Identification Number) Range

Begin : 3VW217AU5FM049469 End : 3VW917AU8GM005854 Not sequential VINs

Vehicle : 2015-2015 Volkswagen Passat B7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 33,975

Production Dates : NOV 17, 2014 - AUG 26, 2015

VIN (Vehicle Identification Number) Range

Begin : 1VWAT7A36FC045638 End : 1VWAT7A33FC200016 Not sequential VINs

Description of Defect :

Description of the Defect : Due to high load on the sintered cam which drives the high pressure fuel injection pump and the vacuum pump in the affected vehicles, the camshaft lobe has the potential to unexpectedly shear off from the camshaft. If this happens, vacuum pump power will be lost so that the pump will not deliver further vacuum supply to the brake booster, and reduced engine power (limp home mode) will cause the Malfunction Indicator Light (MIL) to come on.

Unexpected, reduced engine power and/or an increased need for braking effort after vacuum reserve has been depleted can lead to a crash without warning.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : Unexpected, increased need for braking effort after vacuum reserve has been depleted can lead to a crash without warning.

Description of the Cause : Fracture of the sintered drive part which is press-fitted into the camshaft due to tensile stress.

Identification of Any Warning that can Occur : Vehicle will fall into limp home mode (Malfunction Indicator Light (MIL) illuminates) when camshaft lobe fractures.

Supplier Identification :**Component Manufacturer**

Name : ThyssenKrupp Presta Danville, LLC

Address : 70 Walz Creek Drive

Danville ILLINOIS 61834

Country : United States

Chronology :

February 2015: Received reports of camshaft failures; initiated intense field monitoring and part collection for analysis.

February/March 2015: Began conducting laboratory analysis of failed/returned parts.

April/August 2015: Ongoing field monitoring; additional camshaft failures reported, resulting in the issue being further escalated for review/failure analysis.

September 2015: Analysis inconclusive; cause of camshaft failures could not readily be identified. Continued in-depth review/analysis.

October 2015: Presentation of issue to Product Safety committee; Product Safety committee determined presence of a defect.

Date of determination: October 16, 2015.

Description of Remedy :

Description of Remedy Program : The engine control unit software will be modified to operate fuel injection pump at lower pressure, reducing mechanical load to the camshaft thus preventing fracture.

How Remedy Component Differs from Recalled Component : Updated engine control unit software.

Identify How/When Recall Condition was Corrected in Production : Production changed the material of the affected cam drive as of June 2015.

Recall Schedule :

Description of Recall Schedule : Dealer repair notification, 2015MY: 02/17/2016
Customer repair notification, 2015MY: 03/09/3016
Dealer repair notification, 2016MY: 03/24/2016
Customer repair notification, 2016MY: 03/30/2016

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported