

Part 573 Safety Recall Report**15V-705****Manufacturer Name :** Volkswagen Group of America, Inc.**Submission Date :** NOV 02,2015**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 : 1-800-822-8987

Population :

Number of potentially involved : 91,800

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2015-2016 Volkswagen Jetta A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Beetle

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Beetle Convertible

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Volkswagen Passat B7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Volkswagen Passat B7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Golf/GTI A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2016 Volkswagen Golf SportWagen A7

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Camshaft

Production Dates : JAN 01, 1900 - JAN 01, 1900

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 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 : To date, the root cause of camshaft failures has not been fully understood. In-depth failure analysis and development of a repair solution is ongoing and is expected to be resolved/finalized by the end of Q1 2016.

How Remedy Component Differs from Recalled Component : TBD

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 : Planned dealer notification: TBD
Interim customer notification: on or before 12/22/2015
Repair notification customer: TBD Q1 2016

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported