#### OMB Control No.: 2127-0004

# Part 573 Safety Recall Report

## 24V-527

**Manufacturer Name:** BMW of North America, LLC

Submission Date: JUL 11, 2024 NHTSA Recall No.: 24V-527 Manufacturer Recall No.: NR



#### **Manufacturer Information:**

Manufacturer Name: BMW of North America, LLC

Address: P.O. Box 1227

Westwood NJ 07675-1227

Company phone: 18005257417

## **Population:**

Number of potentially involved: 1,145 Estimated percentage with defect: 1 %

#### **Vehicle Information:**

Vehicle 1: 2015-2015 BMW 6 Series Gran Coupe (640i, 640i xDrive, 650i, 650i xDrive)

Vehicle Type: LIGHT VEHICLES

Body Style : 2-DOOR Power Train : GAS

Descriptive Information: Approximately 41 vehicles were equipped with a Takata PSDI-X driver's front air bag

inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.

Production Dates: APR 02, 2014 - MAY 09, 2014

Vehicle Type : Body Style : Power Train :	LIGHT VEHICLE 4-DOOR GAS Approximately	S 7 vehicles we nay contain a	supplier production a	akata PSDI-X driver's front air bag
	Vehicle manufacto determine the	cturing inform e number and	mation and supplier p	roduction records were reviewed ge of potentially affected vehicles. ent:
	The inflator may	y contain a su	applier production and	omaly.
Production Dates:	APR 03, 2014 - A	APR 15, 2014		
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential
Vehicle 3:	2014-2014 BMV xDrive)	N 5 Series Se	dan (528i, 528i xDrive	e, 535i, 535i xDrive, 550i, 550i
Vehicle Type :	LIGHT VEHICLE	CS .		
Body Style :				
Power Train :	GAS			
Descriptive Information :			were equipped with a ain a supplier producti	Takata PSDI-X driver's front air on anomaly.
		cturing inform	nation and supplier p	roduction records were reviewed ge of potentially affected vehicles.
			to non-recall compon applier production and	
Production Dates :	APR 03, 2014 - A	APR 16, 2014		
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential

Vehicle 4:	2014-2014 BMW 5 Series Sedan (535d, 535d xDrive)					
	LIGHT VEHICLE		,			
Body Style :						
Power Train:						
Descriptive Information :			vere equipped with a Tak a supplier production and	aata PSDI-X driver's front air bag omaly.		
	Vehicle manufa to determine th	Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.				
			e to non-recall componen upplier production anom			
Production Dates :	APR 03, 2014 -	APR 15, 2014	1			
VIN Range 1:		NR	End: NR	☐ Not sequential		
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Vehicle 5:	2014-2014 BMY	W 5 Series Se	edan (ActiveHybrid5)			
Vehicle Type :	LIGHT VEHICLES					
Body Style :	4-DOOR					
Power Train :	HYBRID ELECT	RIC				
Descriptive Information :	Approximately 1 vehicle was equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.					
	Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.					
	Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.					
Production Dates:	APR 14, 2014 -	APR 14, 2014	1			
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential		

Vehicle 6:	2015-2015 BMV	V 6 Series Co	nvertible (640i xDri	ve, 650i, 650i xDrive)		
	LIGHT VEHICLE					
Body Style :						
Power Train :	GAS					
Descriptive Information :			ere equipped with a supplier production	Takata PSDI-X driver's front air bag anomaly.		
	Basis for recall	oopulation de	termination:			
				production records were reviewed		
				nge of potentially affected vehicles.		
	Decall compone	nt difference	to non rocall compo	monte		
	_		to non-recall compo pplier production a			
	`	,		3		
Droduction Dates	ADD 02 2014 /	NDD 15 201 <i>1</i>				
Production Dates:		NR	End: NR	□ Not seguential		
VIN Range 1:	begin:	NK	EIIU. NK	☐ Not sequential		
Vehicle 7:	2015-2015 BM\	W 6 Series Co	upe (640i xDrive, 65	60i, 650i xDrive)		
	LIGHT VEHICLE					
Body Style :						
Power Train :						
Descriptive Information :				Takata PSDI-X driver's front air bag		
	inflator which n	nay contain a	supplier production	anomaly.		
	Basis for recall	oopulation de	termination:			
	Vehicle manufacturing information and supplier production records were reviewed					
	to determine the number and production date range of potentially affected vehicles.					
	Recall component difference to non-recall component:					
	The inflator may contain a supplier production anomaly.					
			<b>*</b>	-		
Production Dates :	APR 02 2014 - A	APR 15, 2014				
VIN Range 1:		NR	End: NR	☐ Not sequential		
	J					

Vehicle 8:	2014-2014 BMV	W X5 (X5 xDri	ve35d)		
Vehicle Type :	LIGHT VEHICLE	ES			
Body Style :	SUV				
Power Train :	DIESEL				
Descriptive Information :			vere equipped with a n a supplier product	Takata PSDI-X driver's front air ion anomaly.	
	Basis for recall	population de	termination:		
				roduction records were reviewed ge of potentially affected vehicles.	
			to non-recall compon oplier production and		
Production Dates :	FFR 07 2014 - I	III 07 2014			
VIN Range 1:		NR	End: NR	☐ Not sequential	
	Degiii .		Elia . Tviv		
Vehicle 9:	2014-2014 BMV	W X5 (X5 sDri	ve35i, X5 xDrive35i, 2	X5 xDrive50i)	
Vehicle Type :	LIGHT VEHICLE	ES			
Body Style :					
Power Train :					
Descriptive Information :			vere equipped with a n a supplier product	Takata PSDI-X driver's front air ion anomaly.	
	Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.				
			to non-recall compon pplier production and		
		*** 40			
Production Dates :			n 1		
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential	

Vehicle 10:	2013-2014 BMV	W X3 (X3 xDri	ve28i, X3 xDrive35i)		
Vehicle Type :	LIGHT VEHICLE	S			
Body Style :					
Power Train :					
Descriptive Information :			vere equipped with a T n a supplier production	akata PSDI-X driver's front air n anomaly.	
	Basis for recall <sub>I</sub>	nonulation det	ermination:		
				duction records were reviewed	
				of potentially affected vehicles.	
	Recall compone	nt difference t	o non-recall componer	nt:	
			oplier production anon		
Production Dates :	SEP 07, 2012 - N	MAR 05, 2014			
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential	
Vehicle 11:		N 3 Series Sed	an (320i, 320i xDrive, 3	328i, 328i xDrive, 335i, 335i	
Vahiala Tyma .	xDrive)	rc			
· -	LIGHT VEHICLE	ı.S			
Body Style :					
Power Train:					
Descriptive Information :			ere equipped with a Ta supplier production an	kata PSDI-X driver's front air bag omaly.	
	Basis for recall <sub>1</sub>	nonulation det	ermination:		
	-			duction records were reviewed	
	to determine the number and production date range of potentially affected vehicles.				
	Recall component difference to non-recall component:				
	The inflator may contain a supplier production anomaly.				
Production Dates :	APR 11, 2014 - A	AUG 28, 2014			
VIN Range 1:		NR	End: NR	☐ Not sequential	

Vehicle 12:	2014-2014 BMV	W 3 Series Se	dan (328d)			
Vehicle Type :	LIGHT VEHICLE	S				
Body Style :	4-DOOR					
Power Train :	DIESEL					
Descriptive Information :			re equipped with a supplier production	Takata PSDI-X driver's front air bag n anomaly.		
	Basis for recall	oopulation de	etermination:			
				production records were reviewed		
				ange of potentially affected vehicles.		
	D 11	. 1:00	, 11			
	_		to non-recall comp applier production a			
	The inhator ma	y contain a su	ipplier production a	montary.		
Production Dates :						
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential		
Vehicle 13:	2014-2014 RMV	N 4 Series Co	une <i>(42</i> 8i <i>42</i> 8i vDr	ive, 435i, 435i xDrive, M4)		
	LIGHT VEHICLE		upe (1201, 1201 AD1	1ve, 1001, 1001 xb11ve, w11)		
Body Style :		10				
Power Train :						
		127 vehicles	were equipped with	a Takata PSDI-X driver's front air		
Descriptive information.	Approximately 127 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.					
	O	J		v		
	Basis for recall population determination:					
	Vehicle manufacturing information and supplier production records were reviewed					
	to determine the number and production date range of potentially affected vehicles.					
	Recall component difference to non-recall component:					
	The inflator may	y contain a su	pplier production a	nomaly.		
Production Dates :	APR 11. 2014 - J	UN 16, 2014				
VIN Range 1:		NR	End: NR	☐ Not sequential		
				-		

Vehicle 14: 2014-2014 BMW 4 Series Convertible (428i, 435i)  Vehicle Type: LICHT VEHICLES Body Style: 2-DOOR Power Train: GAS  Descriptive Information: Approximately 11 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.  Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.  Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.  Production Dates: APR 14, 2014 - MAY 23, 2014 VIN Range 1: Begin: NR End: NR Not sequential  Vehicle 15: 2014-2014 BMW 3 Series Gran Turismo (328i xDrive, 335i xDrive) Vehicle Type: LIGHT VEHICLES Body Style: 4-DOOR Power Train: GAS  Descriptive Information: Approximately 7 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.  Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.  Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.  Production Dates: APR 03, 2014 - APR 16, 2014 VIN Range 1: Begin: NR End: NR Not sequential						
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Power Train: GAS  Descriptive Information: Approximately 11 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.  Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.  Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.  Production Dates: APR 14, 2014 - MAY 23, 2014 VIN Range 1: Begin: NR End: NR Not sequential  Vehicle 15: 2014-2014 BMW 3 Series Gran Turismo (328i xDrive, 335i xDrive) Vehicle Type: LIGHT VEHICLES Body Style: 4-DOOR Power Train: GAS  Descriptive Information: Approximately 7 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.  Basis for recall population determination: Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.  Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.	Vehicle Type :	LIGHT VEHICLE	S			
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Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.  Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.  Production Dates: APR 03, 2014 - APR 16, 2014	Descriptive Information :					river's front air bag
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Production Dates : APR 03, 2014 - APR 16, 2014		•				
		The inflator may	y contain a sup	plier production	anomaly.	
VIN Range 1 : Begin : NR End : NR	Production Dates :	APR 03, 2014 - A	APR 16, 2014			
	VIN Range 1:	Begin:	NR	End: NR		■ Not sequential

Not sequential

Vehicle 16: 2015-2015 BMW 4 Series Gran Coupe (428i, 428i xDrive)

Vehicle Type: LIGHT VEHICLES

Body Style : 4-DOOR Power Train : GAS

Descriptive Information: Approximately 13 vehicles were equipped with a Takata PSDI-X driver's front air bag

inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component: The inflator may contain a supplier production anomaly.

Production Dates: APR 11, 2014 - APR 15, 2014

VIN Range 1: Begin: NR End: NR

## **Description of Defect:**

Description of the Defect: This safety recall involves the driver's front air bag. Potentially affected

vehicles were equipped with a Takata PSDI-X inflator in which there may have been a welding process issue during inflator production at Takata in Monclova,

Mexico.

FMVSS 1: NR FMVSS 2: NR

Description of the Safety Risk: The inflator could rupture, which could result in injury or death to vehicle

occupants.

Description of the Cause: NR

Identification of Any Warning NR

that can Occur:

#### **Involved Components:**

Component Name 1 : Driver's Front Air Bag Component Description : Driver's Front Air Bag

Component Part Number: 7849764, 7845796, 7845798, 6799611, 6868412, 6859516, 6865326, 6799612,

6868413, 6859518, 6865360

## **Supplier Identification:**

## **Component Manufacturer**

Name: New Leaf LLC

Address: 4715 Yadkinville Rd

Unit 369 Pfafftown North Carolina 27040

**Country: United States** 

#### **Chronology:**

Please refer to BMW's Part 573 report submitted on November 24, 2023 assigned NHTSA Recall ID 23V-797, as well as similar reports and recalls in 2016 and 2017. As noted in the reports, information suggested that there may have been an anomaly during a specific time period involving inflator production at the supplier. As indicated in the 2023 report, analyses would continue to be performed, and the field would continue to be monitored.

In late 2023, on-site inspections at the supplier's production facility in Monclova, Mexico were performed.

Between January and March 2024, in-depth analyses were conducted including a review of weld seam production process and quality assurance information. In April, it was suggested that, due to several factors, unwanted variations in the welding process could have occurred when joining the inflator base plate and cap. In order to evaluate these potential factors, approximately 180 inflators were specifically produced for a test and analysis program.

Between May and June, these analyses were conducted, including a review of potentially affected vehicle production.

On July 3, 2024, BMW decided to conduct a voluntary safety recall for vehicles containing inflators from additional potentially affected inflator production lots.

#### **Description of Remedy:**

Description of Remedy Program: The driver's front air bag will be replaced.

Owners will be notified by First Class mail advising them of the recall and to schedule an appointment with an authorized BMW dealer to have the remedy performed for free. Although unlikely, owners who have had this remedy performed at their own expense prior to the recall notification, may be eligible for reimbursement according to BMW Group's

reimbursement plan in accordance with 49 CFR 573.13 and 49 CFR 577.11.

How Remedy Component Differs Recall component: Driver's Front Air Bag – Part number: 7849764,

from Recalled Component: 7845796, 7845798, 6799611, 6868412, 6859516, 6865326, 6799612,

6868413, 6859518, 6865360

Identify How/When Recall Condition NR

was Corrected in Production:

#### **Recall Schedule:**

Description of Recall Schedule: Dealer notification is expected to begin and end on July 12, 2024.

Owner notification is expected to begin and end on September 2, 2024.

Planned Dealer Notification Date : JUL 12, 2024 - JUL 12, 2024 Planned Owner Notification Date : SEP 02, 2024 - SEP 02, 2024

\* NR - Not Reported