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

### Part 573 Safety Recall Report

Manufacturer Name : BMW of North America, LLC Submission Date : SEP 12, 2018 NHTSA Recall No.: 18V-465 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

#### **Vehicle Information :**

Vehicle 1 : Vehicle Type : Body Style : Power Train : Descriptive Information :	2018-2018 BMW 540d xDrive LIGHT VEHICLES 4-DOOR DIESEL Approximately 12 vehicles may have been manufactured with a crankshaft sensor that, due to sensor firmware, cannot accurately process the input from the crankshaft reluctor ring.
	Basis for recall population determination: Supplier production information was used to identify the start and end date of affected crankshaft sensors which was then correlated with engine production and vehicle assembly information to determine the start date $(05/17/2018)$ and the end date $(06/06/2018)$ of affected vehicles.
	Recall component difference to non-recall component: Recalled crankshaft sensors cannot accurately process the input from the crankshaft reluctor ring due to an updated sensor.
Production Dates : VIN Range 1 :	MAY 17, 2018 - JUN 06, 2018Begin :NREnd :NRImage: Not sequential
Vehicle 2 : Vehicle Type : Body Style : Power Train :	2018-2018 BMW 2 Series Coupe (230i, M240i, M240i xDrive) LIGHT VEHICLES 2-DOOR GAS
Descriptive Information :	Approximately 28 vehicles may have been manufactured with a crankshaft sensor that, due to sensor firmware, cannot accurately process the input from the crankshaft reluctor ring.
	Basis for recall population determination: Supplier production information was used to identify the start and end date of affected crankshaft sensors which was then correlated with engine production and vehicle assembly information to determine the
The i	nformation contained in this report was submitted pursuant to 49 CFR §573



#### 18V-465

**Population :** 

Number of potentially involved : 5,309

Estimated percentage with defect : 100 %

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	start date (05/22/2		e end date (05/3	0/2018) of affected vehicle	s.
	Recall component of cannot accurately pupdated sensor.	lifference to process the ir	non-recall comp put from the cra	onent: Recalled crankshaft ankshaft reluctor ring due to	sensors o an
Production Dates :	MAY 22, 2018 - MA	Y 30, 2018			
VIN Range 1:	Begin : N	R	End: NR	Not se	equential
Vehicle 3 : Vehicle Type : Body Style : Power Train :	2018-2018 BMW 2 LIGHT VEHICLES 2-DOOR GAS	Series Conve	ertible (230i, 230	Di xDrive, M240i, M240i xDı	ive)
Descriptive Information :	Approximately 95 that, due to sensor reluctor ring.	vehicles may firmware, ca	have been manu nnot accurately	factured with a crankshaft process the input from the o	sensor crankshaf
	Basis for recall pop to identify the start correlated with eng start date (05/18/2	ulation deter t and end dat gine producti 2018) and th	rmination: Supp e of affected cran on and vehicle a e end date (06/0	lier production information hkshaft sensors which was t ssembly information to det 07/2018) of affected vehicle	was used hen ermine th s.
	Recall component of cannot accurately pupdated sensor.	lifference to process the ir	non-recall comp put from the cra	onent: Recalled crankshaft ankshaft reluctor ring due to	sensors o an
Production Dates :	MAY 18 2018 - JUN	J 07, 2018			
VIN Range 1:	Begin : N	IR	End: NR	Not se	equential
Vehicle 4 : Vehicle Type : Body Style : Power Train :	2019-2019 BMW 4 xDrive Gran Coupe LIGHT VEHICLES 4-DOOR GAS	30i Gran Cou	ipe, 430i xDrive	Gran Coupe, 440i Gran Couj	pe, 440i
Descriptive Information :	Approximately 484 that, due to sensor reluctor ring.	l vehicles ma firmware, ca	y have been mar nnot accurately j	ufactured with a crankshaf process the input from the o	t sensor crankshaf
	Basis for recall pop to identify the start correlated with eng start date (05/16/2	ulation deter t and end dat gine producti 2018) and th	rmination: Supp e of affected crai on and vehicle a e end date (06/0	lier production information hkshaft sensors which was t ssembly information to det 06/2018) of affected vehicle	was used hen ermine th s.
	Recall component of cannot accurately p	difference to process the ir	non-recall comp put from the cra	onent: Recalled crankshaft ankshaft reluctor ring due to	sensors o an

		updated sense	or.		
	Production Dates	· MAV 16 2019	2 - IUN 06-201	8	
	VIN Range 1	: Begin :	NR	End: NR	□ Not sequential
]	Vehicle 5 Vehicle Type Body Style Power Train Descriptive Information	<ul> <li>2018-2018 Bl</li> <li>LIGHT VEHIC</li> <li>SUV</li> <li>GAS</li> <li>Approximatel that, due to sereluctor ring.</li> <li>Basis for recator identify the correlated wistart date (05</li> <li>Recall compo- cannot accuration</li> </ul>	MW X2 sDrive LES by 651 vehicles ensor firmwar ll population of e start and eno th engine proo /16/2018) an nent difference ately process t	28i, X2 xDrive28i 5 may have been manufact e, cannot accurately proces date of affected cranksha luction and vehicle asseml d the end date (06/06/20 e to non-recall component he input from the cranksha	ured with a crankshaft sensor ss the input from the crankshaft roduction information was used ft sensors which was then bly information to determine the 18) of affected vehicles. :: Recalled crankshaft sensors aft reluctor ring due to an
	Production Dates VIN Range 1	: MAY 16, 2018	3 - JUN 06, 201	8	
_	Vehicle 6	: Begin : : 2018-2018 Bl	NR MW X1 sDrive	End : NR 28i, X1 xDrive28i	☐ Not sequential
	Vehicle 6 Vehicle Type Body Style	: Begin : 2018-2018 Bl : LIGHT VEHIC : SUV	NR MW X1 sDrive LES	End : NR 28i, X1 xDrive28i	Not sequential
	Vehicle 6 Vehicle Type Body Style Power Train	: Begin : : 2018-2018 Bl : LIGHT VEHIC : SUV : GAS	NR MW X1 sDrive LES	End: NR 28i, X1 xDrive28i	□ Not sequential
	Vehicle 6 Vehicle Type Body Style Power Train Descriptive Information	: Begin : : 2018-2018 Bl : LIGHT VEHIC : SUV : GAS : Approximatel that, due to se reluctor ring.	NR MW X1 sDrive LES ly 634 vehicles ensor firmwar	End : NR 28i, X1 xDrive28i 5 may have been manufact e, cannot accurately proces	□ Not sequential ured with a crankshaft sensor ss the input from the crankshaft
]	Vehicle 6 Vehicle Type Body Style Power Train Descriptive Information	<ul> <li>Begin :</li> <li>2018-2018 Bl</li> <li>LIGHT VEHIC</li> <li>SUV</li> <li>GAS</li> <li>Approximatel that, due to sereluctor ring.</li> <li>Basis for recato identify the correlated wistart date (05)</li> </ul>	NR MW X1 sDrive LES by 634 vehicles ensor firmwar ll population of e start and eno th engine proo /16/2018) an	End : NR 28i, X1 xDrive28i a may have been manufact e, cannot accurately process date of affected cranksha luction and vehicle assemi d the end date (06/06/20	□ Not sequential ured with a crankshaft sensor ss the input from the crankshaft roduction information was used ft sensors which was then bly information to determine the 18) of affected vehicles.
]	Vehicle 6 Vehicle Type Body Style Power Train Descriptive Information	<ul> <li>Begin :</li> <li>2018-2018 Bl</li> <li>LIGHT VEHIC</li> <li>SUV</li> <li>GAS</li> <li>Approximatel that, due to sereluctor ring.</li> <li>Basis for recato identify the correlated wistart date (05)</li> <li>Recall comport cannot accuration updated sensed</li> </ul>	NR MW X1 sDrive LES ly 634 vehicles ensor firmwar ll population of e start and end th engine proo /16/2018) an nent difference ately process t or.	End : NR 28i, X1 xDrive28i a may have been manufact e, cannot accurately proces date of affected cranksha luction and vehicle assemi d the end date (06/06/20 e to non-recall component he input from the cranksha	□ Not sequential ured with a crankshaft sensor ss the input from the crankshaft roduction information was used ft sensors which was then bly information to determine the 18) of affected vehicles. :: Recalled crankshaft sensors aft reluctor ring due to an
]	Vehicle 6 Vehicle Type Body Style Power Train Descriptive Information	<ul> <li>Begin :</li> <li>2018-2018 Bl</li> <li>LIGHT VEHIC</li> <li>SUV</li> <li>GAS</li> <li>Approximatel that, due to sereluctor ring.</li> <li>Basis for recato identify the correlated wistart date (05)</li> <li>Recall comport cannot accuration updated senses</li> <li>MAY 16, 2018</li> </ul>	NR MW X1 sDrive LES ly 634 vehicles ensor firmwar ll population of e start and end th engine proo /16/2018) an nent difference ately process t or. 3 - JUN 06, 201	End : NR 28i, X1 xDrive28i a may have been manufact e, cannot accurately proces letermination: Supplier pr date of affected cranksha luction and vehicle assemi d the end date (06/06/20 e to non-recall component he input from the cranksha	□ Not sequential ured with a crankshaft sensor ss the input from the crankshaft roduction information was used ft sensors which was then bly information to determine the 18) of affected vehicles. :: Recalled crankshaft sensors aft reluctor ring due to an

Vehicle 7	2018-2018 BMW 330i, 3	30i xDrive, 340i, 340i xDrive	
Vehicle Type	LIGHT VEHICLES		
Body Style :	4-DOOR		
Power Train	GAS		
Descriptive Information	Approximately 390 vehic that, due to sensor firmw reluctor ring.	cles may have been manufact /are, cannot accurately proce	ured with a crankshaft sensor ss the input from the crankshaft
	Basis for recall population to identify the start and e correlated with engine pr start date (05/16/2018)	on determination: Supplier part end date of affected cranksha roduction and vehicle assemi and the end date (06/07/20	roduction information was used ft sensors which was then bly information to determine the 18) of affected vehicles.
	Recall component differed cannot accurately process updated sensor.	ence to non-recall component is the input from the cranksh	: Recalled crankshaft sensors aft reluctor ring due to an
Draduction Dates	MAV 16 2019 HIN 07 2	010	
VIN Range 1	$\frac{1}{10} = \frac{1}{2010} = \frac{1}{10} = \frac{1}{10$	Fnd · NR	Not sequential
	Degin. Int		Not sequential
Vehicle 8 Vehicle Type Body Style Power Train	2018-2018 BMW 330i xI LIGHT VEHICLES STATIONWAGON GAS	Drive	
Descriptive Information	Approximately 5 vehicles due to sensor firmware, o reluctor ring.	s may have been manufacture cannot accurately process the	ed with a crankshaft sensor that, e input from the crankshaft
	Basis for recall population to identify the start and e correlated with engine pr start date (05/16/2018)	on determination: Supplier part end date of affected cranksha roduction and vehicle assem and the end date (05/29/20	roduction information was used ft sensors which was then bly information to determine the 18) of affected vehicles.
	Recall component differed cannot accurately process updated sensor.	ence to non-recall component as the input from the cranksh	: Recalled crankshaft sensors aft reluctor ring due to an
Production Dates VIN Range 1	MAY 16, 2018 - MAY 29, 3 Begin : NR	2018 End : NR	🗌 Not sequential
	0		<b>1</b>
Vehicle 9	2019-2019 BMW 4 Serie	s Coupe (430i, 430i xDrive, 4	40i, 440i xDrive)
Vehicle Type	LIGHT VEHICLES		
Body Style	2-DOOR		
Power Train	GAS		
The	information contained in this re	eport was submitted pursuant to	10 CER 8573

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Descriptive Information :	Approximately that, due to sen reluctor ring.	217 vehicles ma sor firmware, ca	ay have been man annot accurately p	ufactured with a opposite of the second seco	crankshaft sensor from the crankshaft
	Basis for recall to identify the s correlated with start date (05/	population dete start and end da engine product 16/2018) and tl	rmination: Suppl te of affected cran tion and vehicle as the end date (06/0	lier production in Ikshaft sensors wi ssembly informat 7/2018) of affecto	formation was used hich was then ion to determine the ed vehicles.
	Recall compon- cannot accurat updated sensor	ent difference to ely process the i r.	non-recall component of the cra	onent: Recalled c nkshaft reluctor r	rankshaft sensors ring due to an
Production Dates :	MAY 16. 2018 ·	- JUN 07. 2018			
VIN Range 1:	Begin :	NR	End: NR		Not sequential
Body Style : Power Train : Descriptive Information :	2-DOOR GAS sensor firmwar ring. Basis for recall to identify the s correlated with start date (05/ Recall compone cannot accurat updated sensor	re, cannot accura population dete start and end da engine product 17/2018) and th ent difference to ely process the i r.	ately process the i ermination: Suppl te of affected cran ion and vehicle as ne end date (06/0 o non-recall compo nput from the cra	input from the cra lier production in ukshaft sensors w ssembly informat 6/2018) of affect onent: Recalled c nkshaft reluctor n	inkshaft reluctor formation was used hich was then ion to determine the ed vehicles. rankshaft sensors ring due to an
Production Dates :	MAY 17, 2018 -	JUN 06, 2018	End · ND		Not coquential
VIN Range 1 : : Vehicle 11 : Vehicle Type : Body Style : Power Train : Descriptive Information :	2018-2018 BM LIGHT VEHICL 4-DOOR GAS Approximately due to sensor f reluctor ring. Basis for recall	W 330i xDrive ( ES 9 vehicles may irmware, canno population dete	Find : NR Gran Turismo have been manufa accurately proce	actured with a cra ss the input from lier production in	Inkshaft sensor that, the crankshaft
	to identify the	start and end da	te of affected cran	ikshaft sensors w	hich was then

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	correlated with engine production an start date (05/17/2018) and the end	d vehicle assembly information to date (05/29/2018) of affected ve	determine t
	Recall component difference to non-r cannot accurately process the input f updated sensor.	ecall component: Recalled cranks rom the crankshaft reluctor ring d	haft sensors ue to an
Production Dates : VIN Range 1 :	MAY 17, 2018 - MAY 29, 2018 Begin : NR End	: NR	ot sequentia
Vehicle 12 : Vehicle Type : Body Style : Power Train :	2019-2019 BMW 740i, 740i xDrive LIGHT VEHICLES 4-DOOR GAS		
Descriptive Information :	Approximately 106 vehicles may hav that, due to sensor firmware, cannot reluctor ring.	e been manufactured with a crank accurately process the input from	shaft sensor the cranksha
	Basis for recall population determina to identify the start and end date of a correlated with engine production an start date $(05/17/2018)$ and the end	tion: Supplier production information: Supplier production information which we do not be assembly information to date (06/06/2018) of affected version of the date (06/06/2018) of affected version we do not be added as the date (06/06/2018) of affected v	ntion was use vas then determine t hicles.
	Recall component difference to non-r cannot accurately process the input f updated sensor.	ecall component: Recalled cranks rom the crankshaft reluctor ring d	haft sensors ue to an
Production Dates : VIN Range 1 :	MAY 17, 2018 - JUN 06, 2018 Begin : NR End	: NR 🗌 N	ot sequentia
Vehicle 13 : Vehicle Type : Body Style : Power Train :	2018-2018 BMW 530i, 530i xDrive, 5 LIGHT VEHICLES 4-DOOR GAS	40i, 540i xDrive	
Descriptive Information :	Approximately 732 vehicles may hav that, due to sensor firmware, cannot reluctor ring.	e been manufactured with a crank accurately process the input from	shaft sensor the cranksha
	Basis for recall population determina to identify the start and end date of a correlated with engine production an start date $(05/18/2018)$ and the end	tion: Supplier production information: Supplier production information which with the sensors which with the sense of the	ation was use vas then determine t hicles.
	Recall component difference to non-r	ecall component: Recalled cranks	haft sensors

	updated sensor.			
VIN Range 1:	MAY 18, 2018 - J Begin :	NR 08, 2018	End: NR	Not sequential
Vahiala 14.	2010 2010 MINI	Handton 4 Daa		
Vehicle Type :	LIGHT VEHICLES	пагитор 4 D00 5	r (Cooper, Cooper S)	
Body Style :	4-DOOR			
Power Train : Descriptive Information :	GAS	62 vahiolog ma	u hava haan manufaaturad wi	th a grankshaft sonsor
Descriptive mormation.	that, due to sense reluctor ring.	or firmware, ca	nnot accurately process the in	put from the crankshaft
	Basis for recall p to identify the sta correlated with e start date (05/22	opulation deter art and end dat engine producti 2/2018) and the	mination: Supplier production e of affected crankshaft sensor on and vehicle assembly infor e end date (06/13/2018) of at	on information was used rs which was then rmation to determine the ffected vehicles.
	Recall component cannot accurately updated sensor.	t difference to y process the ir	non-recall component: Recall uput from the crankshaft reluc	ed crankshaft sensors ctor ring due to an
Production Dates : VIN Range 1 :	MAY 22, 2018 - J Begin :	UN 13, 2018 NR	End: NR	Not sequential
Vehicle 15:	2019-2019 MINI	Countryman ((	Cooper, Cooper All4, Cooper S	. Cooper S All4. JCW
Vehicle Type :	All4) LIGHT VEHICLES	5		, <b>I</b> ,
Body Style :	SUV			
Power Train :	GAS	<b>7</b> 0 1 1 1		
Descriptive Information :	Approximately 3 that, due to sense reluctor ring.	or firmware, ca	nnot accurately process the in	th a crankshaft sensor uput from the crankshaft
	Basis for recall p to identify the sta correlated with e start date (05/26	opulation deter art and end dat engine producti 3/2018) and th	mination: Supplier production e of affected crankshaft sensor on and vehicle assembly infor e end date (06/12/2018) of at	on information was used rs which was then rmation to determine the ffected vehicles.
	Recall componen cannot accuratel updated sensor.	t difference to y process the ir	non-recall component: Recall uput from the crankshaft reluc	ed crankshaft sensors ctor ring due to an
Production Dates :	MAY 26, 2018 - J	UN 12, 2018		
The i	nformation contained	t in this report wa	as submitted nursuant to 19 CER &	572

VIN Range 1:	Begin :	NR	End: NR	□ Not sequential
Vehicle 16 : Vehicle Type : Body Style : Power Train :	2018-2018 BM LIGHT VEHICL 4-DOOR HYBRID ELECT	IW 530e, 53 ES FRIC	0e xDrive	
Descriptive Information :	Approximately that, due to ser reluctor ring.	7 462 vehicle nsor firmwa	es may have been ma re, cannot accurately	anufactured with a crankshaft sensor y process the input from the crankshaft
	Basis for recall to identify the correlated with start date (05/	l population start and en h engine pro (18/2018) a	determination: Sup ad date of affected cr oduction and vehicle nd the end date (06/	plier production information was used ankshaft sensors which was then assembly information to determine the /08/2018) of affected vehicles.
	Recall compon cannot accurat updated senso	ent differen tely process r.	ce to non-recall com the input from the c	ponent: Recalled crankshaft sensors rankshaft reluctor ring due to an
Production Dates :	MAY 18, 2018	- JUN 08, 20	18	
VIN Range 1:1	Begin :	NR	End: NR	□ Not sequential
Vehicle 17 : Vehicle Type : Body Style : Power Train : Descriptive Information :	2018-2018 BM LIGHT VEHICL 4-DOOR GAS Approximately that, due to ser reluctor ring. Basis for recall to identify the correlated with	IW 640i xDr ES 7 32 vehicles nsor firmwa l population start and en h engine pro	tive Gran Turismo s may have been mar re, cannot accurately determination: Sup d date of affected cr oduction and vehicle	nufactured with a crankshaft sensor y process the input from the crankshaf plier production information was used ankshaft sensors which was then assembly information to determine th
	start date (05/ Recall compon cannot accurat updated senso	(17/2018) a lent differen tely process r.	nd the end date (06/ ice to non-recall com the input from the c	/05/2018) of affected vehicles. ponent: Recalled crankshaft sensors rankshaft reluctor ring due to an
Production Dates : VIN Range 1 : 1	MAY 17, 2018 Begin :	- JUN 05, 20 NR	18 End: NR	□ Not sequential
Vehicle 18 : Vehicle Type :	2019-2019 MI LIGHT VEHICL	NI Clubman ÆS	(Cooper, Cooper S, C	Cooper All4, Cooper S All4, JCW All4)

Power Train :	GAS			
Descriptive Information :	Approximate that, due to s reluctor ring	ly 112 vehicles m ensor firmware, o	ay have been manufa cannot accurately proc	ctured with a crankshaft sensor cess the input from the crankshaft
	Basis for reca to identify th correlated w start date (05	all population det e start and end da ith engine produc 5/21/2018) and t	ermination: Supplier ate of affected cranksl ction and vehicle asser the end date (06/12/2	production information was used aft sensors which was then mbly information to determine th 2018) of affected vehicles.
	Recall compo cannot accur updated sens	onent difference t ately process the sor.	o non-recall compone input from the cranks	nt: Recalled crankshaft sensors shaft reluctor ring due to an
Production Dates :	MAY 21, 201	8 - JUN 12, 2018		
VIN Range 1:	Begin :	NR	End: NR	☐ Not sequential
Body Style : Power Train : Descriptive Information :	2-DOOR GAS Approximate that, due to s reluctor ring Basis for reca to identify th correlated w start date (05 Recall compo cannot accur updated sens	ly 215 vehicles m ensor firmware, o all population det e start and end da ith engine produc 5/22/2018) and t onent difference t ately process the sor.	ay have been manufa cannot accurately pro- ermination: Supplier ate of affected cranksh ction and vehicle assen the end date (06/12/2 o non-recall compone input from the cranks	ctured with a crankshaft sensor cess the input from the crankshaf production information was used aft sensors which was then mbly information to determine th 2018) of affected vehicles. ent: Recalled crankshaft sensors shaft reluctor ring due to an
Production Dates : VIN Range 1 :	MAY 22, 201 Begin :	8 - JUN 12, 2018 NR	End NR	□ Not sequential
Vehicle 20 : Vehicle Type : Body Style : Power Train :	2019-2019 M LIGHT VEHIC 2-DOOR GAS	IINI Convertible ( CLES	Looper, Cooper S, JCV	V)
Descriptive Information :	Approximate that, due to s reluctor ring	ly 311 vehicles m ensor firmware, c	nay have been manufa cannot accurately proc	ctured with a crankshaft sensor cess the input from the crankshaf
The i	nformation cont	ained in this report	was submitted pursuant i	to 49 CFR 8573

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	Basis for recall population determination to identify the start and end date of affec correlated with engine production and ve start date (05/18/2018) and the end dat Recall component difference to non-reca cannot accurately process the input from updated sensor.	n: Supplier production informatio ted crankshaft sensors which was ehicle assembly information to de te (06/12/2018) of affected vehicl Il component: Recalled crankshaf n the crankshaft reluctor ring due t	n was us then termine es. t sensors to an
Production Dates : VIN Range 1 :	MAY 18, 2018 - JUN 12, 2018 Begin : NR End : M	NR 🗌 Not s	sequentia
Vehicle 21 : Vehicle Type : Body Style : Power Train :	2018-2018 BMW 330e LIGHT VEHICLES 4-DOOR HYBRID ELECTRIC		
Descriptive Information :	Approximately 60 vehicles may have been that, due to sensor firmware, cannot accurreluctor ring. Basis for recall population determination to identify the start and end date of affect correlated with engine production and verstart date (05/16/2018) and the end date	en manufactured with a crankshaft urately process the input from the n: Supplier production informatio ted crankshaft sensors which was ehicle assembly information to de te (06/07/2018) of affected vehicl	sensor cranksh n was us then termine es.
	Recall component difference to non-reca cannot accurately process the input from updated sensor.	ll component: Recalled crankshaf a the crankshaft reluctor ring due t	t sensors to an
Production Dates : VIN Range 1 :	MAY 16, 2018 - JUN 07, 2018 Begin : NR End : N	NR 🗌 Not s	sequentia
Vehicle 22 : Vehicle Type : Body Style : Power Train : Descriptive Information :	2019-2019 MINI Countryman (Cooper SI LIGHT VEHICLES SUV HYBRID ELECTRIC Approximately 6 vehicles may have been due to sensor firmware, cannot accurated reluctor ring.	E All4) n manufactured with a crankshaft s ly process the input from the cran	sensor th kshaft
	Basis for recall population determination to identify the start and end date of affec correlated with engine production and ve start date (05/26/2018) and the end dat	n: Supplier production informatio ted crankshaft sensors which was ehicle assembly information to de te (06/12/2018) of affected vehicl	n was us then termine es.

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Re ca up	ecall component difference to non nnot accurately process the input odated sensor.	-recall component: Recalled cr from the crankshaft reluctor r	rankshaft sensors ing due to an
Production Dates : MA VIN Range 1 : Beg	AY 26, 2018 - JUN 12, 2018 çin : NR En	d: NR	☐ Not sequential
Description of Defect :			
Description of the Defect :	This safety recall involves the cr equipped with firmware that wi input from the crankshaft reluct	ankshaft sensor which may ha ll not allow the sensor to accur or ring.	ve been rately process the
FMVSS 1 : FMVSS 2 :	NR NR		
Description of the Safety Risk :	If the crankshaft sensor cannot a ring, then engine stalling could o	accurately process the input fro occur and increase the risk of a	om the reluctor crash.
Identification of Any Warning that can Occur :	The driver may experience a rou convert to failsafe mode. A war cluster.	igh running engine, and the ven ning lamp will be illuminated in	hicle may n the instrument
Supplier Identification :			
Component Manufacturer			
Name : AB Elektronik Gml	bH		
Address : Feldmark 50	TATES 20260		
Country: Germany	1A1E9 93900		

#### Chronology :

Please refer to the attached Chronology.

The information contained in this report was submitted pursuant to 49 CFR \$573

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

Description of Remedy Program : The crankshaft sensor will be replaced.

Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW center to have the remedy performed for free. If this condition were to occur to a potentially affected vehicle prior to the recall, the remedy would be covered by the BMW New Vehicle Limited Warranty program. Therefore, reimbursement for a prenotification remedy re Part 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component :	Recalled Component: Crankshaft sensor, part number – 7806782 AI06
Identify How/When Recall Condition was Corrected in Production :	NR

#### **Recall Schedule :**

Description of Recall Schedule :	Notification to dealers is planned to begin and end on September 12, 2018. Notification to owners is planned to begin and end on November 1, 2018.
Planned Dealer Notification Date :	SEP 12, 2018 - SEP 12, 2018
Planned Owner Notification Date :	NOV 01, 2018 <sup>-</sup> NOV 01, 2018

\* NR - Not Reported