

## **EXECUTIVE ORDER D-176-51**

## Relating to Exemptions Under Section 27156 of the California Vehicle Code

## Dinan Corporation Dinan High Performance Intercooler

Pursuant to the authority vested in the California Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the Dinan High Performance Intercooler, manufactured and marketed by Dinan Corporation, 865 Jarvis Drive, Morgan Hill, California 95037, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for those gasoline powered vehicles listed in Exhibit A, excluding those 2.0L vehicles certified to a Low Emission Vehicle II Super Ultra Low Emission Vehicle (LEV II SULEV) emission standard.

The Dinan High Performance Intercooler consists of either an air to water intercooler or an air to air intercooler, depending on stock application, and are designed to be at least 23 percent larger in volume compared to the stock intercooler. There are no user adjustments for proper installation and no sensors are moved or modified. No changes are made to the ECU calibration with installation. Stock air cleaner housing is not modified with installation.

This Executive Order is valid provided that the installation instructions for the Dinan High Performance Intercooler will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Dinan High Performance Intercooler as exempt by the California Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

This Executive Order shall not apply to any Dinan High Performance Intercooler advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order does not constitute any opinion as to the effect the use of the Dinan High Performance Intercooler may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previously submitted emission test results from Dinan Corporation.

Marketing of the Dinan High Performance Intercooler using any identification other than that shown in this Executive Order or marketing of the Dinan High Performance Intercooler for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE DINAN HIGH PERFORMANCE INTERCOOLER.

No claim of any kind, such as "Approved by the California Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this \_\_\_\_3/\_\_\_ day of July 2018.

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

	No.dal	Dieni	-Cy)	Drive	CA FTP	Underhood ID	Dinan Part#1	- Dinan Part #2	Notes	E.O. coverage
2007	Model BMW 335ci	Displ 3.0	(6 cyl)	2WD	TENLITEA	78MXV03.0N54	D330-0000(B)	D330-0013	1,4	D-176-46
2007	BMW 385cl Convertible	3.0	(6 cyl)	ZWD	LEVILLEV	7BMXV03.0N54	D330-0009(B)	D330-0013	1,4	D-176-46
2007	BMW 335i	3.0	(6 cyl)	29/0	LEN ILTEN	7BMXV03.0N54	D330-0009(II)	D330-0013	1,4	D-176-46
2007	BMW 335xi	3.0 -	(6 cyl)	4WD	TENITEN	7BMXV03.0N54	D330-0009(B)	D330-0013	1,4	D-176-46
2007 2008	BMW 135i	3.0	(6 cyl)	2WD	LEVILLEV	80MXV03;0N54	D330-0010(B)		1	D-17G-46
	BMW 135i	3.0	(6 cyl)	2WD	LEVIILEV	88MXVQ3.QN54R	D330-0010(U)		1	D-176-46
	BMW 1951 Convertible	3.0	(6 cyl)	2WI)	LEV JI LEV	8BMXV03.0N54	D330-0010(D)		1	D-176-46
2008	BMW 135i Convertible	3.0	(6 cyl)	2WD	LEVILLEV	8BMXV03.0N54R	D330-0010(B)		1	D-176-46
200B	BMW 335cl	3.0	(G cyl)	2WD	LEVILLEV	88MXV03.0N54	D330-0009(B)	D330-0013	1.4	D-176-46
	BMW 335ci	3.0		ZWD	LEVILLEV	8BMXV03.0N54R	D330-0009(B)	D33D-0013	1,4	D-176-46
2008			(6 cyl)	2WD	LEVILLEV	8BMXV03.0N54	D330-0009(B)	0990-0013	1,4	D-176-46
2008	BMW 335ci Convertible	3.0	(6 cyl)							D-176-46
2008	BMW 335ci Convertible	3.0	(6 cyl)	2WD	LEV II LEV	8BMXV03.0N54R	D330-0009(B)	0330-0013	1,4	D-176-46
2008	BMW 335cxi	3.0	(6 cyl)	4WD	LEVILLEV	80MXV03.0N54.	D330:0009(B)	D330 0013	1,4	
2008	BMW 335cxi	3,0	(G cyl)	4WD	TEA II TEA	8BMXV03.0N54R	D330-0009(B)	D330-0013	1,4	D-176-46
2008	BMW 335i	3.0	(6 cyl)	2WD	LEV II LEV	8BMXV03.0N54	D330-0009(B)	D330-0013	1,4	D-175-46
200B	BMW 3351	3.0	(G cyl)	2WI)	LEV II LEV	8BMXV03.0N54R	D330-0009(D)	D330-0013	3,4	D-176-46
2008	BMW 335xi	3.0	(6 cyl)	4WD	LEA.II FEA	8BMXV03.0N54	D330-0009(B)	D830-0013	1,4	D-176-46
2008	BMW 335xi	8.0	(6 cyl)	4WD	LEV II LEV	8EMXV03.0N54R	D330-0009(B)	D330-0013	1,4	D-176-46
200B	BMW X6 xDrlve50l	4.4	8	4WD	LEV2 ULEV	88MXT04.4E71	D330-0016		2	D-176-46
2009	BMW 135	3.0	6	2WI)	LEV II LEV	9BMXV03.054R	D330-0010(B)		1	D-176-46
2009	BMW 135i Canvertible	3.0	6	2WD	LEV II LEV	9HMXV03.054R	D330-0010(B)		1	D-176-46
2009	BMW 335ci	3:0	6	2W()	LEV II ULEV	PRMXV03.0ULR	D330-0009(B)	D330-001B	3,4	D-176-46
2009	BMW 335cl Convertible	3,0	6	2WD	LEV II ULEV	98MXV03.0ULR	D330:0009(B)	D330-0013	1,4	D-176-46
2009	BMW 335cl xDrive	3.0	6	4WD	LEV II ULEV	9BMXV03.0ULR	D330-0009(B)	D330-0013	1,1	D-176-46
2009	BMW 385I	3.0	6	2WD	TEA ILOTEA	9BMXV03.0ULR	D330-0009(B)	D330-0013	1,4	D-176-46
				4WD	TEA ILOTEA	9BMXV03.0ULR	D330-0009(B)	D330-0018	1,4	D-176-46
2009	BMW 3351 xDrive	3.0	6	2WD	LEV2 ULEV	9BMXV04.4N63	D330-0014	2222 0020	2	D-176-46
2009	BMW 750i	4.4	B				D330-0014		2	D-176-46
2.009	BMW 750LI	4.4	В	2WD	LEV2 UIEV	9BMXV04.4N63				
2009	BMW X6 xDrive50l	4.4	8	4WD	LEV2 ULEV	9BMXT04,4E71	D330-0016		1	D-176-46 D-176-46
2009	BMW Z4 sDrive35i	3.0	6	ZWD	LEVILLEY	98MXV03.054R	D330-0011(B)			
2010	BMW 1351	3.0	6	2WI)	LEVILLEV	AbMXV03.054R	D330-O010(B)		1	D-176-46
2010	BMW 135i Convertible	3.0	6	2WD	LEVIILEV	ABMXV03.054R	(B)0100-0EEG		1	D-176-46
2010	BMW 335CI	8.0	6	2WD	LEV II ULEV	ABMXV03.0ULR	D330-0603(B)	D330-0013	1,4	D-176-46
2010	BMW 335Ci Convertible	3:0	6	2WD	LEV II ULEV	ABMXV03.0ULR	D330-0009(B)	D330-U013	1,1	D-17G-46
2010	BMW 335Cl xDrIve	3.0	6	4WD	LEV II ULEV	ABMXV03,0ULR	D330-0009(B)	D330-0013	1,4	D-176-46
2010	BMW 895i	8.0	6	2WD	LEVITULEV	ABMXV03.0ULR	D330-0009(B)	DB30-0013	1,4	D-176-46
2010	BMW 335i xDrive	3.0	6	4WD	LEV II ULEV	ABMXV03,0ULH	D330-0009(B)	D330-0013	1,4	D-176-46
2010	BMW 550i GT	4.4	В	2WD	LEV2 ULEV	ABMXV04.4N63	D330-0014		2	None
201D	BMW 750i	4.4	8	2WD	LEV2 ULEV	ABMXV04.4NG3	D330-0014		2	D-175-46
2010	BMW 750i xDrive	4.4	8	4WD	LEV2 ULEV	ABMXVD4.4N63	D330-0014		2	U-176-46
2010	BMW 750Li	44	В	2WD	LEV2 ULEV	ABMXVD4AN63	D330-0014		2	D-176-46
2010	BMW 750Li xDrive	4.4	8.	4WD	LEV2 ULEV	ABMXVD4.4N63	D330-0014		2	D-176-46
2010	BMW X6 xDrive50i	4.4	8	4WD	LEV2 ULEV	ABMXT04.4E71	D330-0016		2	D-176-46
2010	BMW Z4 sDrive35i	3.0	6	2WD	LEVILLEY	ABMXV03.054R	D330-0011(N)		1	D-176-46
2011		3:0	6	2WD	LEVILLEV	BUMXV03,054H	D330-0010(B)		1	D-176-46
	BMW 1 series M-Coupe	3.0	6	2WD	TEA II OTEA	BBMX/03:0N55	D330-0D10(II)		1	13-176-46
2011	BMW 195i									D-176-46
2011	BMW 1851 Convertible	3.0	G	ZWI)	(EV II ULEV	DBMX103.0N55	D330-D010(8)		1	
2011	DMW 335CI	3.0	6	4WD	TEA IL OTEA	BBMXI03.0N55	D330-0015	D330-0012	1,4	D-176-4G
2011	BMW 335Ci	3,0	6	2WD	LEV II ULEV	BBMXI03.0N55	D330-0015	D330-0012	1,4	D-176-46
2011	BMW 335Ci Convertible	3:0	6	2WD	LEA II OFEA	BBMXJ03.0N55	D330-0015	D330-0012	1,4	1)-176-46
2011	BMW 935i	0.E	6	AWD	TEA II OTEA	33MXX03,0N55	D330-0015		1	D-176-46
2011	IIMW 335i	3.0	6	2WI1	LEV ITULEV	BBMXI03.0N55	D330-0015	1	1	D-176-46
2011	BMW 335ls Convertible	3.0	6	2WD	LEV II ULEV	BBMXVD3,OULR	D330-0015		1	D-176-46
2011	DMW 335is Coupe	3.0	6	2WZ)	TEA II OTEA	BIIMXVD3.OULR	D330-0015		1	13-176-46
2011	BMW 550i	4,4	8	2WI)	IEVZ ULEV	BBMXV04.AN63	D330-0014	1	1 2	D-175-46
2011	BMW 550i Gran Turismo	4.4	В	2WD	LEV2 ULEV	BBMXVD4.ANG3	D930-0014		2	None
2011	BMW 550i Gran Turîsmo xDrivo	4.4	8	4WD	LEV2 ULEV	BDMXVD4.ANG3	D330-0014		2	None
2011	BMW 3501 xDrive	4.4	В	4WD	IEV2 ULEV	BDMXVD4AN63	D330-0014	Comment of the second	2	D-176-46
2011	BMW750i	4.4	B.	2WD	LEVZ ULEV	BBMXVD4ANG3	D330-0014		2	1)-176-46
2011	HMW 750i kDrlve	4.4	В	4WD	LEV2 ULEV	BBMXVD4.4NG3	D330-0014	1000 to	2	17-176-46
2011	BMW 750x1	44	В	2WD	LEV2 ULEV	BBMXV04.4N63	D330-0014	1	2	13-176-46
2011	BMW 750H xDrive	4.4	B	4WD	LEV2 ULEV	BIIMXV04AN63	D330-0014		2	1)-176-46
2011	BMW X5 xDrlvn50i	44	B	4WD	LEV2 ULEV	BBMXT04.4E71	D330-0016		2	D-176-16
2011	BMW X6 xDrive50l	44	B	4WD	LEV2 ULEV	BBMXT04.4E71	D330-0016		2	D-176-46
2011	BMW Z4 sDriveB5i	3.D	5	2WD	LEV II LEV	BBMXV09.054R	D330-0011(B)		1	D-176-46
2011	BMW.Z4 sDrive35b	3.0	6	2WD	LEV II LEV	BBMXVD3.054R	D330-0011(B)		1	D-176-46
2012	1951 WMd	3.0	6	2WD	LEV II DLEV	CBMX703.0N55	D330-D010(B)		1	D-176-46,
2012	BMW 135i Convertible	3.0	6	2WD	LEV II ULEV	CBMX903.0N55	D330-001Q(B)		1	D-176-45
2012	BMW 328i	2.0	4	2W0	TEA ILOTEA	CBMXVD2.0N2D	D330-DD23		1,3	D-176-45
2012	BMW 935Cl Convertible	3.0	6	2WD	TEV HOLEV	CBMX#03.0N55	D330-0023	D330-0012	1.4	D-176-46
2012	BMW 9351	3.0	6	ZWD	TEN MATEN	CBMXN3,0N55	D350-0071	1 2000 0022	1 1	D-176-46
2012	BMW 335i Coupe	3.0	6	AWD	TEA HOTEA	CBMXI03.DN55	D380-0071	D330-0012	1.4	13-176-46
								D330-0012	_	D-176-46
2012	BMW 3351 Coupe	3.0	6	2WD	TEX HATEA	CDMXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	D330-0015	D350-0012	14	D-176-46 D-176-46
2012	BMW 9951xDrive	0,6	6	4WD	LEV II ULEV	CBMXX03.0N55	D330-0021	<del> </del>	1	
2012	BMW.335is Convertible	3.0	6	2WD	LEV ITULEV	CBMXV03.0ULR	D330-0015	-	1	D-176-45
2012	BMW 335is Coupe	3.0	6	2WD	LEV II ULEV	CBMXV03.0ULR	D330-0015		1	D-176-45
2012	BMW 550i	4.4 .	В	2WD	TEAS DITEA	CBMXVD4.AN63	D330-0014		2	13-176-46
2012	BMW 550i Gran Turismo	4/1	- 8	2WD	IEVZ UIEV	CIMXV04AN63	D330-0014		2.	None -
2012	BMW 550l Gran Turlsmo xDrive	4.4	В	4WD	LEV2 ULEV	CHMXVOAANGS	D330-0014		2	None
2012	BMW 550i xDrive	4,4	8	4WD	LEV2 ULEV	CBMXV04AN63	D330-0014		2	D-176-46
2012	BMW 650i	4/	8	2WD	LEV2 ULEV	CBMXVD4.4N63	D330-0014		2	D-176-46
2012	BMW 65bi-Convertible	4.4	В	2W1)	LEV2 ULEV	CBMKV04AN63	D330-0014	1	2	D-176-46
2012	BMW 650l Convertible xDrive	4.4	8	4WD	LEV2 ULEV	CBMXVD4.AN63	D33D-0014	1	2	D-176-46
2012	DMW 65Di xDrive	4.4	8	4WD	LEV2 (ILEV	CDMXVU4.AN63	D330-D014	1	2	D-176-46
2012	DMW 750i	4,4	B	2WD	LEVZ ULEV	CBMXV04.4N63	D330-0014	1	2	D-176-46
2012	BMW 750i xDrive	4.4	8	4WD	1EV2 ULEV	CBMXV04AN63	D330-0014	1	2	D-176-46
2012	BMW 750Li	44	B	2WD	IEVZ UIEV	CBMXVD4.4NG3	D330-0014	1	2	D-176-46
2012	BMW 75th ADrive	4.4	B	4WD	IEVZ UIEV	CBMXVD4AN63	D330-0014	1	2	0-176-46
	BMW X5 xDrive50i	44	B	4WD	LEV2 ULEV	CBMXT04.AE71	D330-0014		2	D-176-46
2012				" JANTA	HAR. T.C. WALLY		DODU-UULD			

		· · ·	61.1	Drive	CA FTP .	Underhopd ID	Dinnn Part #1	Dinup Part #2	Notes	E.O. toverage
Year	Model	Disp!	Cyl 8		LEV2 ULEV	CBMXT04.4E71	D330-0016	200000000	2	D-176-46
2012	BMW X6 xDrlve50i BMW 24 sDrive35i	3.0	6		LEV II LEV	CDMXV03.054R	D330-0011(B)		1	1)-176-46
2012	BMW 24 sDrive35is	3.0	6		1EV II LEV	CBMXVD3.054R	D330-0011(B)		11	D-176-46
2012	BMW 135l	3.0	6		LEV II ULEV	DBMXI03.0N55	D330-0010(B)		1	D-176-46
2013	BMW 135i Convertible	3.0	6		LEV II ULEV	DBMXI03.0N55	D330-0010(8)		1	D-176-46
2013	BMW 320i	2.0	4	2WD	TEA II OFEA	DBMXID2.UN2D	D330-0021		1	D-176-48
2018	BMW 320i xDrive	2,0	4	4WD	TEA II DTEA	DBWX102.0N20	D330-0021		1	None
2013	BMW 3281	2.0	4	2WD	LEV II ULEV	DBMXJ02.0N20	D330-0071		1,3	D-176-46
2013	BMW 328 Sports Wagon	2.0	4	2.WD	LEV II ULEV	DBMXJ02.0N20	D330-0021		1,3	None
2013	BMW 328i xDrive	2.0	4	4WD	LEV II ULEV	DBMXJ02.0N20	D330-0021		1,3	D-176-46
2013	BMW 328l xDrive Sports Wagon	2.0	4		LEV II ULEV	DBMXI02.0N20	D330-0021		1,3	None
2013	BMW 3351	3.0	6		LEV II ULEV	DBMXJ03.0N55	D330-0021	0220 0012	1,4	D-176-46 D-176-46
2013	BMW 335i Convertible	3.0	6	2WD	LEV II ULEV	DBMXJ03.0N55	D330-0015	D330-0012	1,4	D-176-46
2013	BMW 335i Coupe	3.0	6	4WD	TEA II ATEA	DBMXJ03.0N55 DBMXJ03.0N55	D330-0015 D330-0015	D330-0012	1,4	D-176-46
2013	BMW 3351 Coupe	3.0	6	ZWD	TEA II DITEA	DBMXI03.0N55	D330-0013	DOLO COSE	1	D-176-46
2013	DMW 3351 xDrive	9.0	6	AWD 2WD	TEALIDIEA	DBMXV03.0ULR	D330-0015		1	D-176-46
2013	BMW 335is Convertible	3,0	6	2WD	TEA II OTEA	DBMXV03.0ULR	D330-0015		1	D-176-46
2013	BMW 335is Coupe	3.0 4.4	8	2WD	LEV2 ULEV	DBMXV04.4N63	D330-0014		2	D-176-46
2013	BMW 550l BMW 550l Gran Turismo	4.4	8	2WD	LEV2 ULEV	DBMXV04.4N63	D330-0017		2	D-176-46
2013	BMW 550i Gran Turismo xDrive	4.4	8	4WD	1EV2 DLEV	DBMXV64.4N63	D330-0017		2	D-176-46
2013	BMW 550i xDrive	4.4	B	4WD	LEV2 ULEV	DBMXV04.4N63	D330-0014		2	D-17G-46
2013	BMW 6501	4.4	8	2WD	LEV2 ULEV	DBMXV04.4N63	D330-0017		2	D-176-46
2013	BMW 650i Convertible	4.4	8	2WD	LEV2 ULEV	DBMXV04.4NG3	D330-0017		. 2	D-176-46
2013	BMW 650l Convertible xDrive	4.4	- 8	4WD	1£V2 ULEV	DBMXV04.4NG3	D330-0017		2	D-176-46 None
2013	BMW 650l Gran Coupe	4.4	8	ZWD	LEV2 ULEV	DBMXV04.4NG3	D330-0017		2	None
2013	BMW 650i Gran Coupe xDrive	4.4	В	4WD	LEV2 ULEV	DBMXV04.4N63	D330-0017		2 2	D-176-46
2013	BMW 650i xDrive	4.4	8	AWD	LEVZ ULEV	DBMXV04.4N63	D330-0017		2	D-176-46
2013	BMW 750i	4.4	8	2.WD		DBMXV04.4N63	D330-0017		2	D-176-46
2013	BMW 750l xDrive	4.4	8	4WD 2WD	LEV2 ULEV	DBMXV04.4N63	D330-0017		2	D-176-46
2013	BMW 750IJ	44	8	4WD	1EV2 ULEV	DBMXV04.4N63	D330-0017		2	D-176-46
2013	BMW 750II xDrive	44	8	4WD	LEVZ ULEV	DBMX104.4E71	D330-0016		2	D-176-46
2013	BMW X5 xDrive50i BMW X6 xDrive50i	4.4	8	4WD	LEV2 ULEV	DBMXTD4.4E71	D330-0016		2	D-176-46
2013	BMW X6 XDrive35i	3.0	0	2WD	1EV II LEV	DBMXV03.054R	D330-0011(n)		11	D-176-46
2013	BMW Z4 sDrive35is	3.0	6	2WD	LEV II LEV	DBMXV03.054R	D330-0D11(B)		1	D-176-46
2014	BMW 228i	2.0	4	2WD	LEV II ULEV	EBMXJ02.0N20	D330-0021		2,3	D-176-46 D-176-46
2014	BMW 320i	2.0	4	2WD	TEA II OFEA	EBMXJ02.0N20	D330-0021		1	D-176-46
2014	BMW 3201 xDrive	2.0	4	4WD	TEA ILATEA .	EBMXJ02.0N20	D330-0021 D330-0021		1,3	D-176-46
2014	BMW 328i	2.0	4	2WD	TEALITYEA	EBMXIO2.0N20	D330-0021		1,3	None
2014	BMW 328i Gran Turismo	2.0	4	2WD	LEV II ULEV	EBMXJ02.0N20 EBMXJ02.0N20	D330-0021		1,3	None
2014	BMW 328i Sports Wagon	2.0	4	2WD	TEA IL TIEA	EIIMXJ02.0N20	D330-0021		1,3	D-176-46
2014	BMW 328i xDrive	2.0	4	AWD 4WD	TEA HATEA	ESMXJD2.0N2D	D330-0021		1,3	D-176-45
2014	BMW 328i xDrive Gran Turkmo	2.0	4	4WD	TEALIDIEA	EIIMXI02.0N20	D330-0021		1,3	D-176-46
2014	BMW 328i xDrive Sports Wagon	3,0	6	ZWD	TEAHOTEA	E0MX/03.0N55	D330-0021		1	D-176-46
2014	BMW 3351 BMW 3351 xDrive	3.0	6	4WD	LEV ILULEY	EBMXJ03.0N55	D330-0021		1	D-176-46
2014	BMW 335i xDrive Gran Turismo	3.0	6	4WD	TEA HATEA	EIIMXJ03.0N55	D330-0021		1	D-17G-46
2014	BMW 428i Convertible	2.0	4	2WD	TEA II RIEA	EBMXJ02.0N20	D330-0021		1,3	D-176-46
2014	BMW 428l Coupe	2.0	1	2WD	LEV II DIEV	EBMXJ02,0N20	D330-0021		1,3	D-176-46
2014	BMW 428i xDrive Convertible	2.0	4	AWD	TEA HATEA	EBMXI02,0N20	D330-0021		1,3	D-176-46
2014	BMW 428i xDrive Coupe	2:0	4	40/0	TEV HAILEY	FIIMXI07.0N20	D330-0021	-	1,3	D-176-46
2014	BMW 435i Convertible	3.0	6	2WD	TEA II RIEA	EBMXJ03.0N55	D330-0021 D330-0021		1	D-176-46
2014	BMW 435l Coupe	3.0	6	2WD	LEV II ULEV	EBMXJ03.0N55	D330-0021	-	1	D-175-45
2014	BMW 495i xDrive Coupe	3:0	6	4WD	IEV II THEV	EBMXV04.4N63	D330-0017		2	D-176-46
2014	BMW 550i	4.4	8	2WD	IEVZ ULEV	EBMXV04.4NG3	D330-0017		2	D-176-46
2014	BMW 550l Gran Turismo	4.4	8	AWD	JEV2 ULEV	EBMXVU4.4N63	D330-0017		2	D-176-46
2014	BMW 550l Gran Turismo xDrive	44	В	4WD	IEV2 DIEV	EBIAXY04AN63	D330-0017		2	D-176-46
2014	BMW 550i xDrive	4.4	В	2WD	1EV2 DIEV	EBMXV04.4N63	D330-0017		2	D-176-46
2014	BMW 650l Convertible	4.4	H	ZWD	DEV2 DIEV	EBMXV04.4N63	D330-0017	-	2	D-176-46
2014	BMW 650i Convertible xDrive	44	1 18	4WD	TEAS DIEA	EBMXVD4.4N63	D330-0017	+	2	D-176-46 None
2014	BMW 650i Gren Coupe	4.4	B	2WD	TEV2 DIEV	EBMXV04.4N63	D330-0017		2	None
2014	BMW 650l Gran Coupe xDrive	4.4	В	4WD	LEV2 ULEV	EBMXV04.AN63	D330-0017		2	D-176-46
2014	BMW 6501 xDrive	4.4	8	4WD	IEVZ UIEV	EBMXV04.4N63 EBMXV04.4N63	D330-0017		2	D-176-46
2.014	BMW750i	44	B	2WD	TEAS DIEA	EBMXV04.4N63	D330-0017		2	D-176-46
2014	BMW 7501xDrive	4,4	8	AWD 2WD	LEVZ ULEV	EBMXV04,4NG3	D330-0017		2	D-176-46
2014	BMW 750Li	4.4	B 9	4WD	IEVZ DIEV	EBMXV04,4N63	D330-0017		2	D-176-46
2014	BMW 750Ll xDrive	3.0	- B - 6	ZWD	TEAS OLFA	EBMXID3.0N55	D330-0021		. 1	D-176-46
2014		4.4	B	4WD	TEAS DIEA	EBMXT04.4F15	D330-0016		2	D-176-46
2014		4.4	8	4WD	IEV2 ULEV	EBMXT04.4F15	D330-0016		2	D-176-46
2014		3.0	- 6	2WD	TEVITEV	EBMXV03.054R	D330-0011(B)	1	1 1	D-176-46
2014		3.0	- 6	ZWD	TEA ILITEA	EBMXV03.054R	D330-D011(B)	1	1	D-176-46
2014		2.0	4	2WD	TEA ILDIEA	FBMXID2,0N20	D330-0021	1	1,3	D-176-46 D-176-45
2015		2.0	4	2WD	TEALINEA	FBMXJD2.0N20	D330-0021	-	1,3	D-176-46
2015	BMW 22Bi xDrive	2.0	4	4WD	JEV II UIEV	FBMXID2.0N20	D33D-0022	+	1,3	D-176-45
2015		2.0	-4	4WD	LEV HULEV	FEMANIOZ.ONZO	D33D-0021	-	1 1	D-176-46
2015	DMW 320I	7:0	4	2WD	1EV2 UIEV OPTION CERTIP			1	1	D-176-46
2015		2.0	4	4WD	LEV2 ULEV OPTION CERTIF		D330-0021	1	1,3	D-176-46
		2.0	1 4	2WD	IEV II DLEV	FBMXID2.0N20 FBMXID2.0N20	D330-0021		1,3	None
2015	BMW 328i				TEA HATEA	FUMAJUZAMZO				
2015	BMW 328i Grun Turismo	2.0	1 4	2WD		TRIMEIUS CIUSMII	D330-0021	1	1,9	None
	BMW 328i Grun Turismo BMW 328i Sports Wagon	2.0	4	ZWD	TEALIBREA	FBMXID2,0N20	D330-0021	-	1,9	1)-176-45
2015 2015 2015	BMW 928i Grun Turismo BMW 928i Sports Wagon BMW 928i xDrive	2.0 2.0 2.0	4 4	2WB 4WD	TEALIBIEA	FBMXID2,UN20	D330-0021 D330-0021		1,3	-
2015 2015 2015 2015	BMW 328l Grun Turismo BMW 328l Sports Wagon BMW 328l xDrive BMW 328l xDrive BMW 328l xDrive Gran Turismo	2.0 2.0 2.0 2.0	4 4	2WB 4WD 4WD	TEA ILOTEA TEA ILOTEA	FIIMXID2,UN20 FIIMXID2,UN20	D33D-0021			D-176-46 D-176-46
2015 2015 2015 2015 2015	BMW 9281 Grun Turismo BMW 9281 Sports Wagon BMW 9281 Sports Wagon BMW 3281 xDrive DMW 3281 xDrive Gran Turismo BMW 3281 xDrive Sports Wagon	2.0 2.0 2.0 2.0 2.0	4 4	4WD 4WD 4WD	TEA IL DIEA TEA IL DIEA TEA IL DIEA	FBMXIO2.0N20 FBMXID2.0N20 FBMXID2.0N20 FBMXID3.0N55	D330-0021 D330-0021		1,3 1,3 1,3	D-176-45 D-176-46 D-176-46 D-176-46
2015 2015 2015 2015	BMW 9281 Grun Turismo BMW 9281 Sports Wagon BMW 9281 Sports Wagon BMW 9281 XDrive DMW 9281 XDrive Gran Turismo BMW 9281 XDrive Sports Wagon BMW 9391 XDrive Sports Wagon	2.0 2.0 2.0 2.0	4 4 4	2WB 4WD 4WD	TEA ILATEA TEA ILATEA TEA ILATEA TEA ILATEA TEA ILATEA	FIBMXID2,ON20 FIBMXID2,ON20 FIBMXID2,ON20	D330-0021 D330-0021 D330-0021		1,3 1,3	D-176-46 D-176-46

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					CAFTP	Underhood ID	Dinan Part #1	Dinan Part #2	Notes	E.O. coverage
Year 2015	Model BMW 428i Convertible	Displ 2.0	Cyl 4	Drtvn 2WD	TEN II ALEA	FBMXID2.ON2D	D330-0021	Dillett that the	1.3	D-176-46
		2.0	4	2WD	LEV II ULEV	FBMXID2.DN2D	D330-0021		1,3	D-176-46
2015	BMW 428l Coupe		4	2WD	TEA IL OTEA	FBMXIDZ.DNZD	D330-0021		1.3	D-176-46
2015	BMW 428i Gran Coupe	2.0	4	4WD	TEV II ULEV	FBMXJD2.DN2D	D330-0021		1,3	D-176-46
	BMW 428l xDrive Convertible	2.0	4	4WD	LEV II ULEV	FBMX/D2.DN2D	D330-0021		1,3	D-176-46
2015	BMW 428i xDrive Coupe	2.0	6	2WD	LEV II ULEV	FBMX/03.DN55	D330-0021		1	D-176-46
2015	BMW 435i Convertible	3.0	6	2WD	LEV II ULEV	FBMXJ03.0N55	D330-0021		1	D-176-46
2015	BMW 435l Coupe						D330-0021		1	D-176-46
2015	BMW 435l Gran Coupe	3.0	6	2WD	TEV-ITULEV	FBMXJ03.0N55 FBMXJ03.0N55	D330-0021		1	D-176-46
2015	BMW 4351 xDrive Convertible	3.0	6	4WD	TEA IL OTEA				1	D-176-46
2015	BMW 435l xDrive Coupe	3.0	6	4WD	LEV II ULEV	FBMXJ03.0N55 FBMXJ03.0N55	D330-0021		1 -	D-176-46
2015	BMW 4351 xDrive Gran Coupe	3.0	- 6				D330-0021		2	D-176-46
2015	BMW 550l	4.4	- 8	2WD	LEV2 ULEV	FBMXV04.4NG3	D330-0017			D-176-46
2015	BMW 550i Gran Turismo	4.4	8	2WD	LEVZ ULEV	FBMXV04.4N63	D330;0017		2	
2015	BMW 550i Gran Turismo xDrive	4.4	8	4WD	LEV2 ULEV	FBMXVIA.4NG3	D330-0017		2	D-176-46
2015	BMW 550i xDrive	4.4	8	4WD	LEV2 ULEV	FIIMXV04.4N63	D33(I-0017		2	D-176-46
2015	BMW 650I	4.4	8	2WD	LEV2 ULEV	FBMXV04.4N63	D330-0017		. 2	D-17G-46
2015	BMW 650i Convertible	4.4	8	2WD	LEV2 ULEV	FBMXV04.4N63	D330-0017		2	D-176-46
2015	BMW 650i Convertible xDrive	4.4	8	4WD	LEV2 ULEV	FBMXVD4.4N63	D330-0017		.2	D-176-46
2015	BMW 650l Gron Coupe	4.4	8	2WD	LEV2 ULEV	FBMXV04.4N63	D330-0017		.2	None
2015	BMW 650l Gran Coupe xDrive	4,4	8	4W()	LEV2 ULEV	FBMXVD4.4N63	D330-0017		2	Nane
2015	BMW 6501 xDrive	4.4	8	4WD	LEV2 ULEV	FBMXV04.4N63	D330-0017		2	D-176-46
2015	BMW 750i	4.4	8	2WD	LEV2 UIEV	FDMXV04.4N63	D330-0017		2	D-17G-46
2015	BMW 7501 xDrive	4.4	8	4WD	LEV2 ULEV	FBMXVD4.4N63	D330-0017		2	D-176-46
2015	BMW 750LI	4.4	8	ZWD	LEV2 ULEV	FBMXVD4AN63	D330-0017		2	D-176-46
2015	BMW 750LI xDrive	4.4	8	4WD	LEV2 ULEV	FBMXVD4.4NG3	D330-0017		2	D-176-46
2015	BMW M235i	3.0	6	2WD	LEV II ULEV	FBMXJ03.0N55	D330-0021		1	D-176-46
2015	BMW M235i Convertible	3.0	6	2WD	LEV II ULEV	FBMXJ03.0N55	D330-0021		1	D-176-46
2015	BMW M235i xDrive	3.0	6	4WD	TEA II OTEA	FUMXJd3.0N55	b330-0021		1	D-176-46
2015	BMW ZA sDrive35i	3.0	- 6	2WD	LEVILLEV	FBMXV03,054R	D330-0011(B)		1	None
2015	BMW Z4 sDrive35ls	3.0	6	2WD	TEA II TEA	FBMXV03.054R	D330-0011(B)		1	None
2016	BMW 228	2.0	4	2WD	LEV2 ULEV OPTION CERTIFY	GBMXf02,0N20	D330-0021		1,3	D-176-46
2016	BMW 320i	2.0	4	2WD	LEV2 ULEY OPTION CERTIFY	GBMXI02.0N20	D330-0021		1	D-176-46
2016	BMW 920i xDrive	2.0	4	4WD	LEVZ ULEV OPTION CERTIFY	GBMXI02.0N20	D330-0021	and the second section is a second section.	1	D-176-46
2016	BMW 3287	2.0	4	2WD	LEV2 ULEV OPTION CERTIFY	GBMXI02.0N20	D330-0021		1.3	D-176-46
2016	BMW 3281 xDrive Gran Turismo	2.0	A	4WD	LEV2 ULEV OPTION CERTIFY	GBMXI02.DN20	D330-0021		1,3	D-176-46
2016	BMW 328i xDrive Sports Wagon	2.0	4	4WD	LEV2 ULEV OPTION CERTIFY	GBMXi02.0N20	D330-0021		1,3	D-176-46
2016	BMW 335i xDrive Gran Turkmo	3.0	6	4WD	LEVZ ULEV OPRON CERTIFY	GBMXI03.0N55	D330-0021		1	D-176-46
2016	BMW 428i Coupe	2.0	4	2WD	LEV2 ULEV OPTION CERTIFY	GBMX002.0N20	D330-0021	-	1,3	D-176-46
2016	BMW 428i Gran Coupe	2:0	4	2WD	LEV2 ULEV OPTION CERTIFY	GBM0302,0N20	1)330-0021		1,3	D-176-46
2016	BMW 435i Convertible	3.0	6	2WD	TENS (TEN OLLINON CERTIFY	GBMX003.0N55	D330-0021		1	D-176-46
2016	BMW 435i Coupe	3.0	6	ZWD	LEV2 ULEV OPTION CERTIFY	GBMXID3.0N55	D330-0021		1	D-176-46
2016	BMW 4351 Gran Coupe	3.0	6	2WD	LEV2 ULEV OPTION CERTIFY	GBMX103.0N55	D330-0021		1	D-176-46
		3.0	6	4WD	TEAS OFFI OLD CELLLE	GBMXI03.0N55	D330-0021		1	D-176-46
2016	BMW 435l xDrive Convertible	3.0	6	4WD	LEVZ ULEV OPTION CERTIFY	GRMX03.0N55	1)330-0021		1	D-176-46
2016	BMW 4351 xDrive Coupe BMW 4351 xDrive Gran Coupe	3.0	6	4WD	LEV2 ULEY OPTION CERTIFY	GBMXI03.0N55	D330-0021		1	D-176-46
			-8	2WD		GDMXVD4.AN63	D330-0017		2	D-176-46
2016	BMW 550i	4.4	-B	2WD	1EV2 ULEV	GDMXVD4ANG3	D330-0017		2	D-176-46
2016	BMW 550l Gran Turkmo	4.4	B	4WD	LEV2 ULEV	GRMXVD4.4N63	D330-0017		2	D-176-46
2016	BMW 550i Gran Turkmo xDrive						D330-0017		2	D-176-46
2016	DMW 550l xDrive	4.4	8	4WD 2WD	LEV2 ULEV	GBMXVD4.4N63 GBMXVD4.4N63	D330-0017		2	D-176-46
2016	BMW 650i	4.4	- B	2WD	LEV2 ULEV	GBMXVD4.4N63	D330-0017		2	D-176-46
2016	BMW 650i Convertible	4.4	- 8	4WD	LEVZ ULEV	GBMXVD4.4N63	D330-0017		2	
2016	BMW 650i Convertible xDrive				<u> </u>				2	1)-176-46 None
2016	BMW 650i Gran Coupe	4.4	-8	2WD	LEV2 ULEV	GBMXV04.4NG3	D330-0017			
2016	BMW 650l Gran Coupe xibrive	4.4	. 8	4WD	IEV2 UIEV	GDMXV04AN63	D330-0017		2	None
2015	BMW 650i xDrive	4.4	8	4WD	LEV2 ULEV	GBMXVD4AN63	D330-0017		2	D-176-46
2016	BMW M2	3.0	6	2WD	LEV2 ULEV OPTION CERTIFY	GBMX103,DN55	D330-0026		1	None D 175 15
2015	BMW M235I	3,0	- 6	2WD	1EV2 ULEV OPTION CERTIFY	GBMX/03.DN55	0330-0021	ļ	1	D-176-46
2015	BMW M235i Convenible	3.0	6	2WD	JEV2 ULEV OPTION CERTIFY	GDMXND3.DN55	D330-0021		1	D-176-46
2016	BMW M235i xDrive	3.0	- 6	4WD	LEV2 ULEY OPTION CERTIFY	GBMX103.0N55	D330-0021		1	D-176-46
2016	BMW M2351xDrive Convertible	3.0	6	4WD	LEV2 ULEV OPTION CERTIFY	GBMXID3.DN55	D330-0021		1	D-176-46
2016	BMW Z4 sDriveSSI	3.0	-6	2WD	TEV II TEV	GBMXV09.054H	D330-0011(8)		.1	None
2016	BMW 7A sDrive35is	3.0	6	20/0	TEA IL TEA	GBMXV03.054R	D330-0011(B)		1	None
2017	BMW 550i Gren Türlsına xDrive	4.4	8	4WD	LEV2 ULEV	HBMXV04.ANG3	D330-0017		2	None None
2017	BMW 6501	4.4	8	2WD	LEV2 ULEV	HBMXV04.4N63	D330-0017			
2017	BMW 650i Convertible	4.4	8	2WD	LEV2 ULEV	HBMXV04AN63	D330-0017		2	None
2017	BMW 650i Convertible xDrive	4.4	8 "	4WD	IEV2 ULEV	HBMXVD4.4N65	D330-0017		2	None
2017	INMW 650i Gran Coupe	4.4	В	2WD	LEVZ ULEV	HBMXV04AN63	D330-0017			None
2017	BMW 650i Gran Coupe xDrive	4.4	8	49/0	1EV2 ULEV	HBMXV04AN63	D330-0017	<b> </b>	2	None
2017	BMW 6501 xDrive	4.4	В	AWD	TEV2 DIEV	HIBMXVO4,ANG3	D330-0017	-	1	None None
2017	BMW M2	3.0	6	2000	LEVZ ULEV	HBMXV03.0F10	D330-0026	<del> </del>		
201B	BMW M2	3.0	- 6	2WD	IBULEV125	JBMXJ03.0F16	D330-0026	-	1	None
	Notes							-	-	
		and the state of	tock bir-to	-air intercon	der located in the center lowe	r			-	
	1. Single Dinan intercooler replace	es the single					Į.			
	1. Single Dinan intercooler replace grille.				(i) (iii) 1535 22112					
	Single Dinan intercooler replace grille.      Dual Dinan intercoolers replace			ater interco	olors, one for each cylinder	<u> </u>				
	Single Dinan intercooler replace grille.     Supply Dinan intercoolers replace bank.	the dual sto	ck air-to-w							
	Single Dinan intercooler replace grille.     Dual Dinan intercoolers replace bank.     This application excludes engle	the dual sto	ck air-to-w tilied 10 ti							
	Single Dinan intercooler replace grille.     Dual Dinan intercoolers replace bank.     This application excludes engine Emission Voliciu (LEV II SULEV) et	the dual sto a families cer nission stand	ck air-to-w tilied 10 ti							
	Single Dinan Intercooler replace grille.     Dual Dinan Intercoolers replace bank.     This application excludes englor british application excludes englor—2016 toddel year GBMX     —2016 toddel year GBMX	the dual sto a families cer mssion stand V02,0N26	ck air-to-w tilied 10 ti							
	In Single Dinan intercooler replace grille.     Dual Dinan intercoolers replace bank.     This application excludes engine this stony of the cooler of	the dual sto a familiex ver mission stand VD2,0N26 VD2,0N26	ck air-to-w tilied 10 ti							
	Single Dinan Intercooler replace gaile.     Dual Dinan Intercoolers replace bank.     This application excludes engine Emission Vollicio (EXV II SULEV) et     — 2016 model year GIMM     — 2017 model year FIMM     — 2014 model year FIMM	the dual sto a families ser mission stand VD2, ON26 VD2, ON26 VD2, ON26 VD2, ON26	ck air-to-w tilied 10 ti							
	S. Ingle Dinan Intercooler replace gille.     Dual Dinan Intercoolers replace bank.     This application excludes engine.	the dual sto a families sen nission stand VD2, ON26 VD2, ON26 VD2, ON26 VD2, ON26 VD2, ON26	ck air-to-w tilied 10 ti							
	Single Dinan Intercooler replace gaile.     Dual Dinan Intercoolers replace bank.     This application excludes engine Emission Vollicio (EXV II SULEV) et     — 2016 model year GIMM     — 2017 model year FIMM     — 2014 model year FIMM	the dual sto a families cer nission stand VU2,0N26 VU2.0N26 VU2.0N26 VU2.0N26 VU2.0N26	ck air-to-w tilieii fo ti nrds:	e Low Emiss	inn Vehicle II Super Bitra Luw					
	I. Single Dinan Intercooler replace gille.     Dual Dinan Intercoolers replace bank.     This application excludes englocians to the first part of the second coolers of th	the dual sto a families centrission stand v02,0n26 v02.0n26 v02.0n26 v02.0n26 v02.0n26 v02.0n26 v12.0n26 ert numbers,	ck air-to-w tidied forth unds: Dinen offi	e Low Emiss ers klis which	inn Vehicle II Super Bitra Luw					