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Make	Model	Year	Relearn Procedure
Acura	CSX	2008-11	AC-1
Acura	ILX	2013-15	HON-1
Acura	ILX	2016-20	AC-1
Acura	MDX	2007-20	AC-1
Acura	NSX	2016-19	AC-1
Acura	RDX	2007-20	AC-1
Acura	RL	2009-12	AC-1
Acura	RLX	2014-20	AC-1
Acura	TL	2009-14	AC-1
Acura	TLX	2015-20	AC-1
Acura	TSX	2007-14	AC-1
Acura	ZDX	2010-13	AC-1
Audi	A3	2008-11	AU-1
Audi	A3	2012-20	AU-4
Audi	A4	2012-20	AU-4
Audi	A4 4-Door	2009-12	AU-1
Audi	A4 Cabrio	2003-12	AU-2
Audi	A5	2012-20	AU-4/AU-5
Audi	A5 Direct	2008-12	AU-3
Audi	A6	2009-20	AU-4/AU-5
Audi	A6 Quatro	2011	AU-4/AU-5
Audi	A7	2012-20	AU-4/AU-5
Audi	A8	2006-11	AU-3
Audi	A8	2012-20	AU-4
Audi	A8 Quatro	2004-11	AU-4
Audi	Q3	2015-20	AU-4/AU-5
Audi	Q5	2009-12	AU-3
Audi	Q5	2013-20	AU-4
Audi	Q7	2011	AU-5
Audi	Q7	2010, 2012	AU-3
Audi	Q7	2010-20	AU-4
Audi	Q8	2019-20	AU-4
Audi	R8	2013-15	AU-4
Audi	R9	2010-20	AU-3
Audi	RS3	2017-19	AU-4
Audi	RS3 with Dynamic Plus	2017-20	AU-3
Audi	RS5	2012-15	AU-4/AU-5
Audi	RS5 with Dynamic Plus	2018-20	AU-4/AU-5
Audi	RS7	2014-18	AU-4/AU-5
Audi	S3	2015-20	AU-4
Audi	S4	2010-11	AU-2
Audi	S4	2012-20	AU-4
Audi	S5	2008-12	AU-2
Audi	S5	2012-20	AU-4/AU-5
Audi	S5 Direct	2008-12	AU-3
Audi	S6	2009-20	AU-4/AU-5
Audi	S6	2010-11	AU-4
Audi	S7	2012-20	AU-4/AU-5

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<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
Audi	S8	2015	AU-4
Audi	S8	2012-20	AU-4
Audi	S8	2016-18	AU-4/AU-5
Audi	S8 Plus	2015-18	AU-4/AU-5
Audi	SQ5	2014-16	AU-4
Audi	SQ5	2017-19	AU-4
Audi	SQ7	2020	AU-4
Audi	SQ8	2020	AU-4
Audi	TT	2008-10	AU-6
Audi	TT	2009-19	AU-4
Audi	TT RS	2018-20	AU-4
Bentley	Azure	2007-10	BEN-1
Bentley	Azure	2012-14	BEN-1
Bentley	Bentayga	2017-20	BEN-1
Bentley	Continental GT	2005-20	BEN-1
Bentley	Flying Spur	2006-20	BEN-1
Bentley	Mulsanne	2011-19	BEN-1
BMW	1 Series	2008-13	BMW-1
BMW	2 Series	2014-20	BMW-1
BMW	3 Series All Models	2010-20	BMW-1
BMW	4 Series	2014-20	BMW-1
BMW	5 Series All Models	2006-20	BMW-1
BMW	6 Series	2006-10	BMW-1
BMW	6 Series All Models	2012-19	BMW-1
BMW	7 Series	2006-20	BMW-1
BMW	8 Series	2019-20	BMW-1
BMW	Alpina	2004-08	BMW-1
BMW	Alpina	2011-14	BMW-1
BMW	Alpina B6	2015-19	BMW-1
BMW	Alpina B7	2017-20	BMW-1
BMW	i3	2014-19	BMW-1
BMW	i8	2014-19	BMW-1
BMW	M2	2017-19	BMW-1
BMW	M3	2010-13	BMW-1
BMW	M3	2015-18	BMW-1
BMW	M4 and M4 GTS	2015-20	BMW-1
BMW	M5	2006-20	BMW-1
BMW	M6	2006-10	BMW-2
BMW	M6	2011-19	BMW-1
BMW	M6 Gran Coupe	2013-19	BMW-1
BMW	X1	2013-20	BMW-1
BMW	X2	2018-20	BMW-1
BMW	X3	2006-20	BMW-1
BMW	X4	2015-20	BMW-1
BMW	X5	2007-20	BMW-1
BMW	X-6	2008-20	BMW-1
BMW	X-7	2019-20	BMW-1
BMW	Z Series	2007-14	BMW-1

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<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
<b>BMW</b>	Z4	2015-16	BMW-1
<b>BMW</b>	Z4	2019-20	BMW-1
<b>Buick</b>	Allure	2010	GM-8
<b>Buick</b>	Cascada	2016-19	GM-8
<b>Buick</b>	Enclave	2009-20	GM-8
<b>Buick</b>	Encore	2013-20	GM-21
<b>Buick</b>	Encore GX	2020	GM-20
<b>Buick</b>	Envision	2016-18	GM-21
<b>Buick</b>	Envision	2019-20	GM-22
<b>Buick</b>	LaCrosse	2010-19	GM-21
<b>Buick</b>	Lucerne	2011	GM-21
<b>Buick</b>	Lucerne	2008-10	GM-8
<b>Buick</b>	Regal	2017	GM-21
<b>Buick</b>	Regal	2011-16	GM-8
<b>Buick</b>	Regal and TourX	2018-20	GM-22
<b>Buick</b>	Verano	2012-17	GM-21
<b>Cadillac</b>	ATS	2013-19	GM-22
<b>Cadillac</b>	ATS Snap-In	2016-19	GM-21
<b>Cadillac</b>	CT6	2016-20	GM-22
<b>Cadillac</b>	CTS	2008-13	GM-8
<b>Cadillac</b>	CTS All Models	2014-19	GM-22
<b>Cadillac</b>	DTS	2007-11	GM-8
<b>Cadillac</b>	ELR	2014-15	GM-8
<b>Cadillac</b>	ELR	2016-17	GM-22
<b>Cadillac</b>	Escalade	2008-13	OE GM-8
<b>Cadillac</b>	Escalade	2008-20	GM-22
<b>Cadillac</b>	SRX	2007-13	GM-8
<b>Cadillac</b>	SRX	2014-15	GM-22
<b>Cadillac</b>	STS Rubber	2009-11	GM-8
<b>Cadillac</b>	XT4	2019-20	GM-22
<b>Cadillac</b>	XT5	2017-20	GM-22
<b>Cadillac</b>	XT6	2020	GM-22
<b>Cadillac</b>	XTS	2013-19	GM-22
<b>Chevrolet</b>	Avalanche	2008-13	GM-8
<b>Chevrolet</b>	Aveo	2007-11	GM-20
<b>Chevrolet</b>	Aveo5	2007-11	GM-20
<b>Chevrolet</b>	Blazer	2019-20	GM-21
<b>Chevrolet</b>	Bolt	2017-20	GM-8
<b>Chevrolet</b>	Camaro	2020	GM-22
<b>Chevrolet</b>	Camaro All Models	2010-19	GM-21
<b>Chevrolet</b>	Camaro Sport	2012-16	GM-21
<b>Chevrolet</b>	Camaro V8 ZL1	2016-19	GM-22
<b>Chevrolet</b>	Caprice	2011-13	GM-8
<b>Chevrolet</b>	Caprice	2014-17	GM-21
<b>Chevrolet</b>	Captiva	2012-17	GM-8
<b>Chevrolet</b>	City Express	2015-18	GM-20
<b>Chevrolet</b>	Cobalt	2008-10	GM-8
<b>Chevrolet</b>	Colorado	2006-12	GM-6

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Chevrolet	Colorado	2015-16	GM-8
Chevrolet	Colorado	2017-20	GM-21
Chevrolet	Corvette	2010-13	GM-8
Chevrolet	Corvette C7	2014-19	GM-23
Chevrolet	Cruze	2011-16	GM-21
Chevrolet	Equinox	2010-17	GM-21
Chevrolet	Equinox	2018-20	GM-22
Chevrolet	Express	2010-20	GM-8
Chevrolet	HHR	2011	GM-8
Chevrolet	HHR Clamp-in	2008-10	GM-8
Chevrolet	HHR Rubber	2008-11	GM-8
Chevrolet	Impala New Body Design Rubber	2014-15	GM-22
Chevrolet	Impala New Body Design Rubber	2016-20	GM-21
Chevrolet	Impala Old Body Design Rubber	2007-16	GM-8
Chevrolet	Malibu	2008-15	GM-8
Chevrolet	Malibu	2016-18	GM-21
Chevrolet	Malibu	2019-20	GM-22
Chevrolet	Orlando	2012-14	GM-21
Chevrolet	Silverado 1500, 2500, and 3500 All Models	2008-13	GM-8
Chevrolet	Silverado 1500, 2500, and 3500 All Models	2014-16	GM-22
Chevrolet	Silverado 1500, 2500, and 3500 All Models	2017-20	GM-8
Chevrolet	Sonic	2012-20	GM-21
Chevrolet	Spark	2013-20	GM-21
Chevrolet	SS	2014	GM-22
Chevrolet	SS	2015-17	GM-21
Chevrolet	Suburban	2007-20	GM-8
Chevrolet	Tahoe	2007-20	GM-8
Chevrolet	Traverse	2009-14	GM-8
Chevrolet	Traverse	2015-17	GM-21
Chevrolet	Traverse	2018-20	GM-22
Chevrolet	Trax	2015	GM-8
Chevrolet	Trax	2016-20	GM-21
Chevrolet	Volt	2019	GM-23
Chevrolet	Volt	2011-18	GM-22
Chrysler	200	2011-17	CHR-2
Chrysler	300 All Models	2010-20	CHR-2
Chrysler	Pacifica	2017-20	CHR-2
Chrysler	PT Cruiser	2008-10	CHR-2
Chrysler	Sebring	2007-10	CHR-2
Chrysler	Town & Country	2008-16	CHR-2
Chrysler	Voyager	2020	CHR-5
Dodge	Avenger	2008-14	CHR-2
Dodge	C/V	2012-14	CHR-2
Dodge	Caliber	2007-14	CHR-2
Dodge	Challenger	2010-20	CHR-2
Dodge	Challenger Demon and Hellcat Clamp-in	2008-20	CHR-2
Dodge	Challenger SRT and V8 Clamp-in	2008-20	CHR-2
Dodge	Charger	2010-20	CHR-2

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Make	Model	Year	Relearn Procedure
Dodge	Charger Hellcat Clamp-in	2009-20	CHR-2
Dodge	Charger SRT and V8 Clamp-in	2009-20	CHR-2
Dodge	Dakota	2008-11	CHR-2
Dodge	Dart	2013-16	CHR-2
Dodge	Durango All Models	2011-20	CHR-2
Dodge	Grand Caravan All Models	2008-19	CHR-2
Dodge	Journey Lo-line	2009-19	CHR-2
Dodge	Nitro	2007-2011	CHR-2
Dodge	Ram 1500, 250, and 3500 All Models	2010-20	CHR-2
Dodge	Ram C/V	2012-15	CHR-2
Dodge	Ram Promaster	2014-20	CHR-2
Dodge	Viper	2003-10	CHR-4
Dodge	Viper	2013-17	CHR-2
Fiat	500	2012-19	Fiat-1
Fiat	124 Spider Abarth	2017-20	Fiat-1
Fiat	124 Spider Snap-in	2017-18	Fiat-1
Fiat	500L	2014-19	Fiat-1
Fiat	500X	2016-20	Fiat-1
Ford	C-Max	2012-18	FRD-1
Ford	Crown Victoria	2007-11	FRD-1
Ford	EcoSport	2018-20	FRD-5
Ford	Edge	2009-14	FRD-1
Ford	Edge	2015-20	FRD-5
Ford	Escape	2009-19	FRD-1
Ford	E-Series	2010-19	FRD-1
Ford	Expedition	2007-17	FRD-1
Ford	Expedition	2018-20	FRD-5
Ford	Explorer	2016-20	FRD-5
Ford	Explorer All Models	2006-15	FRD-1
Ford	F150	2015-20	FRD-5
Ford	F150 All Models	2008-14	FRD-1
Ford	F250 and F350 Super Duty	2010-16	FRD-1
Ford	F250 and F350 Super Duty Snap-in	2017-20	FRD-5
Ford	F350 Dually Super Duty Clamp-in	2017-20	FRD-1
Ford	F450 and F550 All Models	2011-18	FRD-1
Ford	Fiesta	2011-19	FRD-1
Ford	Flex	2009-19	FRD-1
Ford	Focus	2010-18	FRD-1
Ford	Focus RS Clamp-in	2016-18	FRD-5
Ford	Focus RS Snap-in	2016-18	FRD-1
Ford	Fusion	2017-20	FRD-5
Ford	Fusion Rubber	2010-16	FRD-1
Ford	GT	2017-19	FRD-5
Ford	Mustang	2010-14	FRD-1
Ford	Mustang and Mustang Shelby	2015-20	FRD-5
Ford	Ranger	2007-11	FRD-1
Ford	Ranger	2019-20	FRD-1
Ford	Shelby GT	2013-14	FRD-1

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Make	Model	Year	Relearn Procedure
Ford	Taurus	2008-19	FRD-1
Ford	Transit All Models	2010-20	FRD-1
Ford	Transit SRW and DRW	2020	FRD-4
GMC	Acadia	2018-19	GM-22
GMC	Acadia All Models	2009-17	GM-8
GMC	Canyon	2020	GM-21
GMC	Canyon	2006-12	GM-6
GMC	Canyon	2015-19	GM-8
GMC	Savana	2010-20	GM-8
GMC	Sierra 1500	2019	GM-8
GMC	Sierra 1500, 2500, and 3500	2017	GM-22
GMC	Sierra 1500, 2500, and 3500	2007-16	GM-8
GMC	Sierra 2500 Limited and 3500 Limited	2018-19	GM-8
GMC	Sierra 3500HD DRW All Wheel Types	2020	GM-22
GMC	Terrain	2010-12	GM-8
GMC	Terrain	2013-17	GM-21
GMC	Terrain	2018-20	GM-22
GMC	Yukon	2008-13	GM-8
GMC	Yukon	2014-20	GM-22
Honda	Accord	2008-12	HON-1
Honda	Accord	2013-20	HON-3
Honda	Accord Crosstour	2010-15	HON-1
Honda	Civic	2008-14	HON-1
Honda	Civic	2015-20	HON-3
Honda	Clarity	2017-20	HON-3
Honda	CR-V	2007-13	HON-1
Honda	CR-V	2014-20	HON-3
Honda	CR-Z	2016	HON-3
Honda	CR-Z	2011-15	HON-1
Honda	Element	2009-11	HON-1
Honda	Fit	2009-14	HON-1
Honda	Fit	2015-20	HON-3
Honda	HR-V	2016-20	HON-3
Honda	Insight	2010-14	HON-1
Honda	Insight	2019-20	HON-3
Honda	Odyssey EX, EX-L, & LX	2008-10	HON-1
Honda	Odyssey Sub -Models	2011-17	HON-1
Honda	Odyssey Touring	2008-10	HON-2
Honda	Passport	2019-20	HON-2
Honda	Pilot	2009-20	HON-2
Honda	Ridgeline	2009-14	HON-2
Honda	Ridgeline	2017-20	HON-2
Hummer	H2	2008-10	GM-8
Hummer	H3	2006-10	GM-6
Hummer	H3T	2006-10	GM-6
Hyundai	Accent	2008-20	HYN-1
Hyundai	Azera	2007-17	HYN-1
Hyundai	Elantra All Models	2008-20	HYN-1

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<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
Hyundai	Equus Hi-line	2011-16	HYN-1
Hyundai	Genesis All Models	2009-20	HYN-1
Hyundai	Ioniq	2017-20	HYN-1
Hyundai	Kona	2018-20	HYN-1
Hyundai	Nexo	2019-20	HYN-1
Hyundai	Palisade	2020	HYN-1
Hyundai	Santa Fe All Models	2010-20	HYN-1
Hyundai	Sonata All Models	2009-10	HYN-1
Hyundai	Tucson	2008-20	HYN-1
Hyundai	Veloster	2012-17	HYN-1
Hyundai	Veloster	2019-20	HYN-1
Hyundai	Venue	2020	HYN-1
Hyundai	Veracruz	2009-12	HYN-1
Infiniti	EX	2008-13	INF-1
Infiniti	FX	2009-13	INF-1
Infiniti	G	2008-13	INF-1
Infiniti	JX	2013	INF-1
Infiniti	M	2008-13	INF-1
Infiniti	Q40	2015	INF-1
Infiniti	Q50	2014-20	INF-1
Infiniti	Q60	2014-15	INF-1
Infiniti	Q60	2017-20	INF-1
Infiniti	Q70	2014-19	INF-1
Infiniti	QX30	2017-19	INF-1
Infiniti	QX50	2014-20	INF-1
Infiniti	QX56	2008-13	INF-1
Infiniti	QX60	2014-20	INF-1
Infiniti	QX70	2014-17	INF-1
Infiniti	QX80	2014-20	INF-1
Jaguar	E-Pace	2018-20	JAG-1
Jaguar	F-Pace	2017-20	JAG-1
Jaguar	F-Type	2014-20	JAG-1
Jaguar	I-Pace	2019-20	JAG-1
Jaguar	XE	2017-20	JAG-1
Jaguar	XF	2009-20	JAG-1
Jaguar	XFR	2009-16	JAG-1
Jaguar	XFR-S	2009-16	JAG-1
Jaguar	XJ	2010-19	JAG-1
Jaguar	XJ8	2010-16	JAG-1
Jaguar	XJR	2010-16	JAG-1
Jaguar	XK	2007-15	JAG-1
Jaguar	XK8	2007-15	JAG-1
Jaguar	XKR	2007-15	JAG-1
Jaguar	XKR-S	2007-15	JAG-1
Jeep	Cherokee	2014-20	CHR-2
Jeep	Commander	2008-10	CHR-2
Jeep	Compass	2007-20	CHR-2
Jeep	Gladiator	2020	CHR-5

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Make	Model	Year	Relearn Procedure
Jeep	Grand Cherokee All Models	2008-20	CHR-2
Jeep	Liberty	2007-12	CHR-2
Jeep	Patriot	2007-17	CHR-2
Jeep	Renegade	2015-20	CHR-2
Jeep	Wrangler	2007-20	CHR-2
Kia	Borrego	2009-11	KIA-1
Kia	Cadenza	2014-19	KIA-1
Kia	Forte	2010-20	KIA-1
Kia	K900	2015-19	KIA-1
Kia	Magentis	2008-10	HYN-1
Kia	Niro	2017-19	KIA-1
Kia	Optima All Models	2006-20	KIA-1
Kia	Rio	2008-20	KIA-1
Kia	Rio5	2008-20	KIA-1
Kia	Rondo	2007-10	KIA-1
Kia	Sedona	2009-20	KIA-1
Kia	Sorento	2011-15	KIA-1
Kia	Sorento	2016-20	HYN-1
Kia	Soul	2010-13	KIA-1
Kia	Soul	2014-20	HYN-1
Kia	Sportage	2009-20	KIA-1
Kia	Stinger	2018-20	HYN-1
Kia	Telluride	2020	KIA-1
Land Rover	Discovery All Models	2015-20	LR-1
Land Rover	Evoque	2012-20	LR-1
Land Rover	LR2	2008-15	LR-1
Land Rover	LR4	2010-16	LR-1
Land Rover	Range Rover All Models	2010-20	LR-1
Land Rover	Velar	2018-20	LR-1
Lexus	C	2014-15	TOY-2
Lexus	CT 200h	2011-17	TOY-2
Lexus	ES	2007-20	TOY-2
Lexus	F	2014-15	TOY-2
Lexus	GS	2006-20	TOY-2
Lexus	GX	2007-20	LEX-2
Lexus	HS250h	2010-12	TOY-2
Lexus	IS	2014-20	TOY-2
Lexus	IS 250 All Models	2006-15	TOY-2
Lexus	IS 350 4 Door	2014-15	TOY-2
Lexus	IS 450 4 Door	2014-15	TOY-2
Lexus	LC	2020	TOY-2
Lexus	LC 500	2018-19	TOY-2
Lexus	LFA	2011-13	TOY-2
Lexus	LS	2007-20	TOY-2
Lexus	LX	2006-20	TOY-2
Lexus	NX	2015-20	TOY-2
Lexus	RC	2015-20	TOY-2
Lexus	RC-F	2015-20	TOY-2

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<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
Lexus	RX	2007-20	TOY-2
Lexus	SC 430	2007-10	LEX-2
Lexus	UX	2019-20	TOY-2
Lincoln	Aviator	2020	_____
Lincoln	Continental	2017-20	FRD-5
Lincoln	Corsair	2020	FRD-5
Lincoln	MKC	2015-17	FRD-1
Lincoln	MKC	2018-19	FRD-5
Lincoln	MKS	2009-16	FRD-1
Lincoln	MKT	2010-19	FRD-1
Lincoln	MKX	2007-19	FRD-1
Lincoln	MKZ	2010-16	FRD-1
Lincoln	MKZ	2017-20	FRD-5
Lincoln	Nautilus	2019-20	FRD-5
Lincoln	Navigator	2007-17	FRD-1
Lincoln	Navigator	2018-20	FRD-5
Lincoln	Town Car	2008-11	FRD-1
Mazda	2	2011-14	MAZ-1
Mazda	3	2005-13	MAZ-1
Mazda	3	2014-18	MAZ-3
Mazda	5	2006-15	MAZ-1
Mazda	6	2008-13	MAZ-1
Mazda	6	2014-17	MAZ-3
Mazda	CX-3	2016-18	MAZ-3
Mazda	CX-3	2019-20	MAZ-1
Mazda	CX-30	2020	MAZ-1
Mazda	CX-5	2013-16	MAZ-3
Mazda	CX-5	2017-20	MAZ-1
Mazda	CX-7	2007-12	MAZ-1
Mazda	CX-9	2007-15	MAZ-1
Mazda	CX-9	2016-17	MAZ-3
Mazda	CX-9	2018-20	MAZ-1
Mazda	Mazda 3	2019-20	MAZ-1
Mazda	Mazda 6	2018-20	MAZ-1
Mazda	MX-5 Miata	2006-15	MAZ-1
Mazda	MX-5 Miata	2016-17	MAZ-3
Mazda	MX-5 Miata	2018-19	MAZ-1
Mazda	RX-8	2005-11	MAZ-1
Mazda	Tribute	2009-11	MAZ-2
Mercedes Benz	A Class	2013-20	MER-3
Mercedes Benz	AMG GT All Models	2016-20	MER-3
Mercedes Benz	B Class	2014-17	MER-3
Mercedes Benz	B Class California and Mexico Only	2019	MER-3
Mercedes Benz	C Class	2008-20	MER-3
Mercedes Benz	CL Class	2010-14	MER-3
Mercedes Benz	CLA Class	2014-20	MER-3
Mercedes Benz	CLS Class	2006-20	MER-3
Mercedes Benz	E-Class All Models	2010-20	MER-3

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<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
Mercedes Benz	G Class	2007-20	MER-3
Mercedes Benz	GL Class	2010-16	MER-3
Mercedes Benz	GLA Class	2015-20	MER-3
Mercedes Benz	GLB Class	2020	MER-3
Mercedes Benz	GLC Class	2016-20	MER-3
Mercedes Benz	GLE Class	2016-20	MER-3
Mercedes Benz	GLK Class	2010-15	MER-3
Mercedes Benz	GLS Class	2017-20	MER-3
Mercedes Benz	Maybach S-Class	2016-19	MER-3
Mercedes Benz	Metris	2016-19	MER-3
Mercedes Benz	ML Class	2010-15	MER-3
Mercedes Benz	R Class	2010-12	MER-3
Mercedes Benz	S Class	2010-20	MER-3
Mercedes Benz	SL Class	2006-20	MER-3
Mercedes Benz	SLC Class	2017-20	MER-3
Mercedes Benz	SLK Class	2008-16	MER-3
Mercedes Benz	SLS	2011-15	MER-3
Mercedes Benz	Sprinter	2007-19	MER-3
Mercedes Benz	V Class Mexico	2016-19	MER-3
Mercury	Grand Marquis	2006-11	FRD-1
Mercury	Mariner	2009-11	FRD-1
Mercury	Milan	2010-11	FRD-1
Mercury	Mountaineer	2006-10	FRD-1
Mini	Cabrio	2010-19	MIN-2
Mini	Clubman	2010-20	MIN-2
Mini	Countryman	2011-19	MIN-2
Mini	Coupe	2012-15	MIN-2
Mini	Hatchback	2010-20	MIN-2
Mini	Paceman	2013-16	MIN-2
Mini	Roadster	2012-15	MIN-2
Mitsubishi	Eclipse	2008-12	MIT-1
Mitsubishi	Eclipse Cross	2018-20	MIT-1
Mitsubishi	Endeavor	2007-11	MIT-1
Mitsubishi	Galant	2007-12	MIT-1
Mitsubishi	i-MIEV	2012-17	MIT-1
Mitsubishi	Lancer After August 2009	2010-17	MIT-1
Mitsubishi	Mirage	2014-20	MIT-1
Mitsubishi	Outlander	2010-20	MIT-1
Mitsubishi	Outlander Sport	2010-20	MIT-1
Mitsubishi	Raider	2008-10	MIT-1
Mitsubishi	RVR	2011-20	MIT-1
Nissan	350Z	2007-10	NIS-1
Nissan	370Z	2009-20	NIS-1
Nissan	Altima	2007-20	NIS-1
Nissan	Armada	2008-15	NIS-1
Nissan	Armada	2017-20	NIS-1
Nissan	Cube 1.8	2009-12	NIS-1
Nissan	Cube All Models	2009-14	NIS-1

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
Nissan	Frontier	2008-19	NIS-1
Nissan	GT-R	2009-20	NIS-1
Nissan	Juke All Models	2011-17	NIS-1
Nissan	Kicks	2018-20	NIS-1
Nissan	Leaf	2011-19	NIS-1
Nissan	Maxima	2007-20	NIS-1
Nissan	Murano	2007-20	NIS-1
Nissan	NV 1500	2012-20	NIS-1
Nissan	NV 200	2013-20	NIS-1
Nissan	NV 2500	2012-20	NIS-1
Nissan	NV 3500	2012	NIS-1
Nissan	Pathfinder	2007-20	NIS-1
Nissan	Qashqai	2017-19	NIS-1
Nissan	Quest	2011-17	NIS-1
Nissan	Rogue	2008-20	NIS-1
Nissan	Rogue Select	2014-15	NIS-1
Nissan	Rogue Sport	2017-20	NIS-1
Nissan	Sentra All Models	2007-19	NIS-1
Nissan	Titan All Models	2007-20	NIS-1
Nissan	Versa All Models	2012-20	NIS-1
Nissan	Xterra	2008-15	NIS-1
Pontiac	G3	2009-10	GM-8
Pontiac	G5	2009-10	GM-8
Pontiac	G6	2008-10	GM-8
Pontiac	Solstice	2008-10	GM-8
Pontiac	Vibe	2008-10	GM-13
Porsche	718 Boxster	2017-19	POR-2
Porsche	718 Cayman	2017-19	POR-2
Porsche	911 All Models	2009-20	POR-1
Porsche	918 Spyder	2015	POR-1
Porsche	Boxster	2009-16	POR-1
Porsche	Cayenne	2008-20	POR-1
Porsche	Cayman	2009-16	POR-1
Porsche	Macan	2015-20	POR-1
Porsche	Panamera	2010-20	POR-1
Porsche	Taycan	2020	POR-1
Saab	9-15	2010-11	SAB-1
Saab	9-3	2008-11	SAB-1
Saab	9-3x	2008-11	SAB-1
Saab	9-4x	2011	SAB-1
Saturn	Astra	2009-10	GM-8
Saturn	Aura	2008-10	GM-8
Saturn	Outlook	2008-10	GM-8
Saturn	Vue	2007-10	GM-8
Scion	FR-S	2013-16	TOY-2
Scion	iA	2016	TOY-4
Scion	iM	2015-16	TOY-2
Scion	iQ	2012-15	TOY-2

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
Scion	tC	2007-16	TOY-2
Scion	xB	2008-15	TOY-2
Scion	xD	2008-14	TOY-2
Smart	ForTwo	2008-19	SM-1
Subaru	Ascent	2019-20	SUB-1
Subaru	BRZ	2013-20	SUB-1
Subaru	Crosstrek	2016-20	SUB-1
Subaru	Forester	2008-20	SUB-1
Subaru	Impreza	2008-20	SUB-1
Subaru	Legacy	2008-20	SUB-1
Subaru	Outback	2008-20	SUB-1
Subaru	STI	2015-20	SUB-1
Subaru	Tribeca	2008-14	SUB-1
Subaru	WRX	2015-20	SUB-1
Subaru	XV Crosstrek	2013-15	SUB-1
Suzuki	Equator	2009-12	SUZ-1
Suzuki	Grand Vitara	2007-13	SUZ-2
Suzuki	Kizashi	2010-13	SUZ-1
Suzuki	SX4	2007-13	SUZ-2
Tesla	Model 3	2018-20	TES-2
Tesla	Model S	2012-20	TES-2
Tesla	Model X	2016-20	TES-2
Tesla	Roadster	2008-12	TES-1
Toyota	4Runner	2007-20	TOY-2
Toyota	Avalon	2007-20	TOY-2
Toyota	B6	2017-20	TOY-2
Toyota	Camry	2007-15	TOY-2
Toyota	Camry	2018-2020	TOY-2
Toyota	Camry Hi-Line	2016-17	TOY-2
Toyota	Camry Lo-line	2016-17	TOY-2
Toyota	CH-R	2018-20	TOY-2
Toyota	Corolla All Models	2007-2020	TOY-2
Toyota	FJ Cruiser	2008-14	TOY-2
Toyota	Highlander	2007-20	TOY-2
Toyota	Land Cruiser	2006-20	TOY-2
Toyota	Matrix	2007-13	TOY-2
Toyota	Mirai	2016-19	TOY-2
Toyota	Prius All Models	2006-20	TOY-2
Toyota	RAV4 All Models	2006-20	TOY-2
Toyota	RAV4 Electric Vehicle	2013-14	TOY-2
Toyota	Sequoia	2020	TOY-4
Toyota	Sequoia	2008-19	TOY-2
Toyota	Sienna	2007-20	TOY-2
Toyota	Supra	2020	TOY-2
Toyota	Tacoma	2007-20	TOY-2
Toyota	Tundra	2020	TOY-4
Toyota	Tundra	2007-19	TOY-2
Toyota	Venza	2009-17	TOY-2

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

Make	Model	Year	Relearn Procedure
Toyota	Yaris	2008-19	TOY-2
Toyota	Yaris iA	2017-18	TOY-4
Volkswagen	4Motion	2014	VW-5
Volkswagen	4Motion	2009-11	VW-5
Volkswagen	4Motion	2012-20	VW-7
Volkswagen	Alltrack	2017-19	VW-7
Volkswagen	Arteon	2019	VW-5
Volkswagen	Atlas	2018-20	VW-6
Volkswagen	Beetle	2008-10	VW-4
Volkswagen	Beetle	2011-19	VW-6
Volkswagen	CC	2011-17	VW-5
Volkswagen	Cross Sport	2020	VW-7
Volkswagen	EOS	2007-17	VW-4
Volkswagen	Golf	2010-11	VW-4
Volkswagen	Golf	2012-19	VW-6
Volkswagen	GTI	2006-11	VW-4
Volkswagen	GTI	2012-20	VW-6
Volkswagen	Jetta	2006-11	VW-4
Volkswagen	Jetta	2012-20	VW-6
Volkswagen	Passat	2006-10	VW-4
Volkswagen	Passat	2011-20	VW-6
Volkswagen	Rabbit	2006-10	VW-4
Volkswagen	Routan	2009-14	VW-5
Volkswagen	Tiguan	2014	VW-5
Volkswagen	Tiguan	2009-11	VW-5
Volkswagen	Tiguan	2012-20	VW-7
Volkswagen	Touareg	2008-10	VW-2
Volkswagen	Touareg	2011-14	VW-3
Volkswagen	Touareg	2015-17	VW-5
Volvo	C30	2008-13	VOL-1
Volvo	C70	2008-13	VOL-1
Volvo	S40	2008-11	VOL-1
Volvo	S60	2011-17	VOL-1
Volvo	S60	2014-17	VOL-1
Volvo	S60	2015-20	VOL-2
Volvo	S80	2015-16	VOL-2
Volvo	S80 433Mhz	2007-16	VOL-1
Volvo	S90	2017-20	VOL-2
Volvo	V50	2008-11	VOL-1
Volvo	V60	2015-20	VOL-2
Volvo	V60 Clamp-in	2015-18	VOL-1
Volvo	V70	2008-10	VOL-1
Volvo	V90	2017-20	VOL-2
Volvo	XC40	2019-20	VOL-2
Volvo	XC60	2010-17	VOL-1
Volvo	XC60	2015-20	VOL-2
Volvo	XC70	2015-16	VOL-2
Volvo	XC70 433Mhz	2008-16	VOL-1

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Relearn Procedure</b>
<b>Volvo</b>	XC90	2016-17	VOL-1
<b>Volvo</b>	XC90	2016-20	VOL-2
<b>Volvo</b>	XC90 315Mhz Snap-in	2008-14	VOL-1
<b>VPG</b>	MV-1	2011-13	FRD-1

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

**Relearn Procedures**

**AC-1**

Ensure all tires are inflated to the pressure listed on the tire placard. Drive vehicle at speeds above 15 mph for a minimum of 40 seconds. Sensor ID's will be learned automatically.

**AU-1**

1. Inflate all tires to pressure listed on tire placard.
2. Hold down RESET button (on end of wiper lever) until DISPLAY TYPE is displayed.
3. Press button on end of wiper lever to select SET.
4. Press RESET button.
5. Press button on end of wiper lever to select TIRE PRESSURE
6. Press RESET button.
7. Press button on end of wiper lever to select WHEEL CHANGE (select STORE PRESSURES if resetting air pressure).
8. Press RESET button. Relearn can take 20 minutes to complete.

TIA troubleshooting tip: If vehicle is equipped with automatic suspension stabilizing system, then the vehicle must be placed in "jack mode" to complete TPMS relearn procedure. See vehicle owner's manual for model specific instructions.

**AU-2**

1. Inflate all tires to pressure listed on tire placard.
2. Press CAR function button, or select "SET" on the driver's information screen.
3. Select TIRE PRESSURE MONITORING.
4. Select WHEEL CHANGE (select STORE CURR TIRE PRESSURES if resetting tire pressures).
5. Relearn can take 20 minutes to complete.

TIA troubleshooting tip: If vehicle is equipped with automatic suspension stabilizing system, then the vehicle must be placed in "jack mode" to complete TPMS relearn procedure. See vehicle owner's manual for model specific instructions.

**AU-3**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press CAR function button.
4. Select TIRE PRESSURE MONITORING.
5. Select INITIALIZE WHEELS (select STORE CURR TIRE PRESSURES if resetting tire pressures).
6. Relearn can take 20 minutes to complete.

**AU-4**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press CAR or MENU button by the gear selector.
4. Rotate MENU knob to position arrow by SET, Tire Pressure Monitoring, or Car (depending on exact model trim).
5. Press MENU knob.
6. Move arrow to TIRE PRESSURE, only if selecting the Car option mentioned in Step 4.
7. Press MENU knob.
8. Move arrow to STORE PRESSURES.
9. Press MENU knob, a check mark will appear to signal relearn completion.
10. Exit out of tire menu. Vehicle will need to be driven several minutes to complete relearn process.

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

**Relearn Procedures**

**AU-5**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Enter tire pressure mode.
4. Press media control, located on center console.
5. Let vehicle sit for 20 minutes.
6. After 20 minutes, vehicle must be driven above 25mph for 10 minutes.

**AU-6**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Hold down the "SET" button located between the A/C and radio controls, or near the gear selector until a chime is heard.
4. Drive vehicle above 30mph for at least 30 minutes.

**BEN-1**

1. Inflate all tires to pressures listed on tire placard.
2. Press the "VEHICLE" function key on the instrument cluster. Follow any prompts to complete procedure.
3. Drive vehicle above 30mph for at least 15 minutes.

**BMW-1**

If equipped with iDrive:

1. Ensure all tires are inflated to the pressure listed on the tire placard.
2. Turn ignition to the ON position (engine off).
3. Using the iDrive controller, select "Settings" or "Vehicle Info".
4. Select "Vehicle", "Vehicle/Tires" or "Vehicle Status".
5. Select "TPM", "Reset TPM", or "Perform Reset".
6. Start the engine, select "Reset", "Yes".
7. Vehicle must be driven for up to 20 minutes above 20mph to complete relearn.

If not equipped with iDrive:

1. Ensure all tires are inflated to the pressure listed on the tire placard.
2. Start engine.
3. Move turn signal toggle switch up or down until TPMS indicator and "RESET" are displayed.
4. Press button at end of turn signal lever.
5. Press and hold button at end of turn signal lever until "RESETING" or a checkmark is displayed.
6. Vehicle must be driven for up to 20 minutes above 20mph to complete relearn.

**CHR-2**

**\*\*NOTE:** On Ram 3500DRW, inner rear wheels must stay at the inner positions. They can change sides, but must remain on the inside wheel positions.

Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle must be driven for at least 10 minutes while maintaining speed above 15mph in order for system to learn new sensor IDs.

**CHR-4**

Relearn can be completed using a properly formatted scan tool and relearn magnet. \*Relearn magnet not required for Prowler.

**2009-2020**  
**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

**Relearn Procedures**

**CHR-5**

1. Use activation tool to set sensors to "Park" mode, or let vehicle sit stationary for more than 20 minutes.
2. Use properly formatted scan tool to write IDs to vehicle via OBD.

**Fiat-1**

Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle will need to be driven for at least 10 minutes while maintaining a speed above 15 mph in order for the system to learn new sensor IDs.

**FRD-1**

**WITH STANDARD IGNITION:**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to OFF position and press and release brake pedal.
3. Cycle ignition from OFF to RUN position 3 times, ending in RUN position.
4. Press and release brake pedal.
5. Turn ignition to OFF position.
6. Cycle ignition from OFF to RUN position 3 times, ending in RUN position.
7. Horn will sound once and TPMS telltale will blink once train mode is initiated. If equipped with message center, it will display TRAIN LF TIRE. Place antennae of learn tool on sidewall of LF by the sensor to activate. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires.
8. After training LR tire, the message center will display TRAINING MODE COMPLETE. If the vehicle is not equipped with the message center display, successful completion can be verified by turning the ignition to the OFF position and not hearing the horn sound. If the horn sounds, the training procedure must be repeated.

**PUSH-BUTTON START: \*\*MUST PRESS AND HOLD START BUTTON TO ACTIVATE ACCESSORY POWER, IF YOU HAVE TO PRESS THE START BUTTON TWICE, THEN SEE NEXT PUSH-BUTTON START SUMMARY.**

**WITH INTEGRATED KEY FOB (ACTUAL KEY CONTAINED IN KEY FOB):**

1. With vehicle off, press and release the brake pedal.
2. Press and hold START button until chime sounds.
3. Power off by pushing the button 1 time.
4. Press and hold START button until chime sounds.
5. Power off by pushing the button 1 time.
6. Press and hold START button until chime sounds.
7. Press and release the brake pedal.
8. Power off by pushing the button 1 time.
9. Press and hold START button until chime sounds.
10. Power off by pushing the button 1 time.
11. Press and hold START button until chime sounds.
12. Power off by pushing the button 1 time.
13. Press and hold START button until chime sounds.
14. Horn will sound once and TPMS telltale will blink once train mode is initiated. If equipped with message center, it will display TRAIN LF TIRE.
15. Place antennae of learn tool on sidewall of LF by the sensor to activate. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires.
16. After successfully programming the LR tire, the message center should display "TRAINING COMPLETE". If the vehicle is not equipped with the message center display, successful completion can be verified by turning the ignition to the OFF position and not hearing the horn sound. If the horn sounds, the training procedure must be repeated.

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**TPMS Relearn Procedures**  
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**Relearn Procedures**

**PUSH-BUTTON START: \*\*MUST PRESS START BUTTON TWICE TO ACTIVATE ACCESSORY POWER WITH INTELLIGENT ASSIST IGNITION SYSTEM (NO ACTUAL KEY CONTAINED IN KEY FOB):**

1. With vehicle off, press and release the brake pedal.
2. Press START button 8 times
3. Press and release the brake pedal.
4. Press START button 9 times
5. Horn will sound once and TPMS telltale will blink once train mode is initiated. If equipped with message center, it will display TRAIN LF TIRE.
6. Place antennae of learn tool on sidewall of LF by the sensor to activate. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires.
  
7. After successfully programming the LR tire, the message center should display "TRAINING COMPLETE". If the vehicle is not equipped with the message center display, successful completion can be verified by turning the ignition to the OFF position and not hearing the horn sound. If the horn sounds, the training procedure must be repeated.  
TIA Troubleshooting Tips: If performing ID relearn via the OBDII, sensors must be reactivated, with ignition still on, after registering sensor IDs via the OBDII in order to stop dome light from flashing.

**FRD-4**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position.
3. If not equipped with RESET button:
  - Press the Trip/Odometer button until TIRE RESET or CHECK TIRE and RESET appear.
  - Press and hold button for 3 seconds until TPMS telltale blinks 3 times and turns off.
4. If equipped with RESET button:
  - Press and hold TIRE RESET BUTTON (on instrument panel, behind left side of steering wheel) for 3 seconds. TPMS telltale should blink 3 times and turn off.

**FRD-5**

Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle must be driven for at least 10 minutes while maintaining speed above 15mph in order for system to learn new sensor IDs.

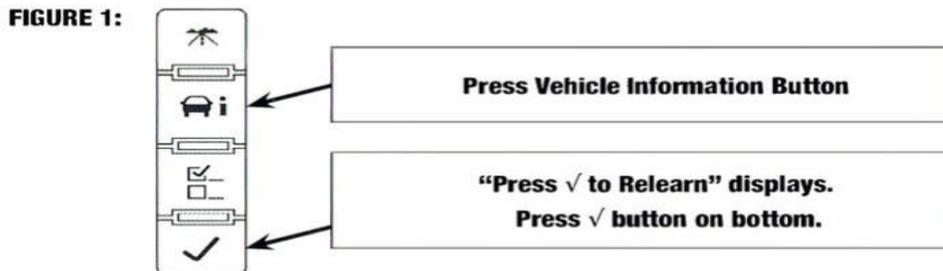
**GM-6**

1. Apply parking brake. Turn ignition to ON/RUN position (engine off).
  2. Turn headlight switch from OFF to parking lamps 4 times within 4 seconds. A double horn chirp will sound and the TPMS telltale will begin blinking to indicate the learn mode is enabled.
  3. Starting at the LF tire, use TPMS activation tool to activate sensor, once the vehicle receives the signal from the sensor, the horn will chirp.
  4. After horn sounds, proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR.
  5. After LR sensor has been learned, turn ignition to OFF position. Adjust all tires to pressure listed on tire placard.
- TIA Troubleshooting Tip: In order for vehicle to be placed into learn mode, the parking brake MUST be functional. Verify brake is engaged by seeing BRAKE illuminated on dash display. On some 2007 ½ GM trucks the headlight switch will not enable the TPMS learn mode. See steps below:

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**Cars, Light Trucks, SUVs, and Vans**

**Relearn Procedures**

1. Apply parking brake. Turn ignition to ON position (engine off).
  2. Using the DIC control, Press Vehicle Information Button until "Press (CHECK) to Relearn" displays. Press v, a double horn chirp will sound and the TPMS telltale will begin blinking to indicate the learn mode is enabled.
  3. Starting at the LF tire, use TPMS activation tool to activate sensor, once the vehicle receives the signal from the sensor, the horn will chirp.
  4. After horn sounds, proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR.
  5. After LR sensor has been learned, turn ignition to OFF position. Adjust all tires to pressure listed on tire placard.
- \*See "FIGURE 1"



**GM-8**

\*\*\*NOTE: If vehicle has an arrow pad located on the steering wheel, proceed to GM-22 WITH STANDARD IGNITION:

NOTE: On some models, the turn signal will not illuminate once learn mode is active.

1. Turn the ignition to the ON/RUN position (engine off).
  2. Using keyless entry system: press and hold lock and unlock buttons simultaneously until horn sounds, and then LF turn signal will become illuminated to indicate learn mode enabled. Or using the DIC, press and release INFO button until TIRE LEARN message is indicated on display. Hold down SET/RESET button until horn sounds, LF turn signal is illuminated to indicate learn mode enabled.
  3. Starting at the LF tire, use TPMS activation tool to activate sensor, once the vehicle receives the signal from the sensor, the horn will chirp.
  4. After horn sounds, proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR.
  5. After LR sensor has been learned, turn ignition to OFF position. Adjust all tires to pressure listed on tire placard.
- Step one: press and hold the push button start until the vehicle is in accessory mode. Note: on Cadillac models you
- NOTE: If Keyless entry system does not place vehicle into learn mode see GM-21/22 WITH PUSH-

BUTTON START: NOTE: On some models, the turn signal will not illuminate once learn mode is active.

1. Press and hold the push button start until the vehicle is in accessory mode. Note: on Cadillac models you will know when you are in accessory mode when the Cadillac emblem appears on the DIC.
2. Press the MENU button located on the turn signal lever until "VEHICLE INFORMATION MENU" is displayed.
3. Once you are in the VEHICLE INFORMATION MENU, use the  $\wedge$   $\vee$  on the turn signal lever until the DIC displays the vehicle's tire inflation pressures and positions.
4. Press and hold the button located on the end of the turn signal lever until "Are you sure that you want to relearn? YES or NO" is displayed.
5. Use the  $\wedge$   $\vee$  on the turn signal lever to highlight YES. Once YES is highlighted, press the button located on the end of the turn signal lever. The horn will chirp, "Tire Learning Active" will be displayed on the DIC, and the left front turn signal will be illuminated.
6. Beginning with the left front tire, use a TPMS activation tool to activate the left front sensor. Once the sensor has been activated, the horn will chirp and the right front turn signal will be illuminated. Repeat procedure in following order, right front sensor, right rear sensor, and finally the left rear sensor. Once the left rear sensor has been

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**Relearn Procedures**

**TIA Troubleshooting Tip:** On many vehicles, the option to relearn the TPMS by accessing the DIC will not work. Be sure to obtain keyless entry transmitter from customer, or some scan tools have the ability to place the vehicle into learn mode or write IUs via an OBDII connection.

**GM-13**

Connect compatible scan tool to Data Link Connector (DLC)/OBDII and follow directions on tool display.

**GM-20**

A properly formatted scan is required for learning new sensor IDs.

**GM-21**

**WITH STANDARD IGNITION**

1. Set parking brake
2. Turn ignition to ON/RUN (engine off)
3. Press the MENU button located on the turn signal lever (or instrument cluster on some models) until "VEHICLE INFORMATION MENU" is displayed.
4. Once you are in the VEHICLE INFORMATION MENU, use the  $\wedge \vee$  on the turn signal lever until the DIC displays the
5. Press and hold the SET /CLR button, located at end of turn signal lever button to begin sensor matching process. A message should display: "Are you sure that you want to relearn? YES or NO". Some models may require you to press and hold the SET/CLR button until the message is displayed.
6. Use the  $\wedge \vee$  on the turn signal lever to highlight YES. Once YES is highlighted, press the button located on the end of the turn signal lever. The horn will chirp, "Tire Learning Active" will be displayed on the DIC, and the left front turn signal will be illuminated.
7. Beginning with the left front tire, use a TPMS activation tool to activate the left front sensor. Once the sensor has been activated, the horn will chirp and the right front turn signal will be illuminated. Repeat procedure in following order, right front sensor, right rear sensor, and finally the left rear sensor. Once the left rear sensor has been activated, the horn will chirp twice. You can then turn the vehicle off to exit "learn mode."

**WITH PUSH-BUTTON START**

1. Press and hold the push button start until the vehicle is in accessory mode. Note: on Cadillac models you will know when you are in accessory mode when the Cadillac emblem appears on the DIC.
2. Press the MENU button located on the turn signal lever until "VEHICLE INFORMATION MENU" is displayed.
3. Once you are in the VEHICLE INFORMATION MENU, use the  $\wedge \vee$  on the turn signal lever until the DIC displays the vehicle's tire inflation pressures and positions.
4. Press and hold the button located on the end of the turn signal lever until "Are you sure that you want to relearn? YES or NO" is displayed.
5. Use the  $\wedge \vee$  Page 8 of 11 on the turn signal lever to highlight YES. Once YES is highlighted, press the button located on the end of the turn signal lever. The horn will chirp, "Tire Learning Active" will be displayed on the DIC, and the left front turn signal will be illuminated.
6. Beginning with the left front tire, use a TPMS activation tool to activate the left front sensor. Once the sensor has been activated, the horn will chirp and the right front turn signal will be illuminated. Repeat procedure in following order, right front sensor, right rear sensor, and finally the left rear sensor. Once the left rear sensor has been activated, the horn will chirp twice. You can then turn the vehicle off to exit "learn mode."

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**Cars, Light Trucks, SUVs, and Vans**

**Relearn Procedures**

**GM-22**

1. With standard ignition, turn key to ON position, engine off. With push button start, start engine.
2. Using the arrow pad on right-hand side of the steering wheel, press the right arrow to access the vehicle INFO menu.
3. Scroll up or down until the vehicle's tire pressure is displayed. NOTE: If the vehicle's tire pressure is not displayed, then proceed to the SETTINGS menu, highlight Display Tire Pressure, and press the select button in the center of the
4. Press and hold the select button in the center of the arrow pad. The horn will sound indicating the vehicle is now in learn mode.
5. Using a TPMS activation tool, activate the sensors in the following order: LF, RF, RR, and LR. Horn will sound twice after successfully activating all sensors.

**GM-23**

Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle must be driven for at least 10 minutes while maintaining speed above 15mph in order for system to learn new sensor IDs.

If not equipped with iDrive (for some models):

1. Ensure all tires are inflated to the pressure listed on the tire placard.
2. Start engine.
3. Hold down the TPMS Reset button (located under the hazards button or in front of the gear selector) until the TPMS light in the gauge cluster illuminates. Button may use initials ROE on some models.
4. Vehicle must be driven for up to 20 minutes above 20mph to complete relearn.

**HON-1**

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. After sensor IDs are registered to vehicle, the MIL will flash until the vehicle is driven and the sensors IDs are received by the vehicle. This process could take 1-1 0 miles of continuous driving.

TIA troubleshooting tip: For Model Year 2008 plus on the Civic, Fit, and Odyssey (non-touring): After registering the new sensor IDs to the vehicle via the OBDII, remove the valve core on the new sensor(s), allowing tire to complete deflate. Then inflate tire to operating air pressure, install valve core and verify correct air pressure with a calibrated air pressure gauge. While deflating tire(s) ensure vehicle weight is supported on a lift to avoid damage to the tire. By performing a rapid deflate/inflate in the new sensor(s) this enables the sensor(s) to fully activate and communicate with the vehicle. In some cases, the MIL will cease to flash after full deflation/ inflation, drive vehicle 1-10 miles to get MIL to stop flashing if it does not stop after deflation/inflation.

**HON-2**

Ensure all tires are inflated to the pressure listed on the tire placard. Drive vehicle at speeds above 15 mph for a minimum of 40 seconds. Sensor ID's will be learned automatically. This process could take 1-10 miles of continuous driving.

**HON-3**

Models with Information Display:

1. Ensure all tires are inflated to pressure listed on vehicle placard.
2. With manual transmission, ensure the shift lever is in N. For automatic transmission/CVT models, ensure the shift lever is in P.
3. Ignition switch in the ON/RUN position (engine off).
4. Press and hold the TPMS button (located on lower left knee bolster) until the low tire pressure/TPMS indicator blinks twice.
5. If the low tire pressure/TPMS indicator does not blink, confirm the above conditions and hold the TPMS button again. The calibration process finishes automatically.

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**TPMS Relearn Procedures**  
**Cars, Light Trucks, SUVs, and Vans**

**Relearn Procedures**

**Models with Multi-information Display**

1. Press (UP) (INFO) (DOWN) button to select Vehicle Settings, then press the SEURESET button, and TPMS Calibration appears on the display.
2. Press the SEURESET button. Cancel and Calibrate appear on the screen.
3. Use the up/down arrows from step one to select Calibrate, and then press the SEURESET button.
4. Calibration Started appears on screen, and the calibration process finishes automatically.

**HYN-1**

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. TIA troubleshooting tip:

These vehicles utilize two types of

TPMS: lo-line and hi-line. Hi-line systems show the driver positions and air pressure of all tires via a display, while lo-line systems do not communicate position and will only utilize the TPMS indicator symbol on the dash. Some models switched systems mid-year, so be aware of the type of TPMS you are servicing.

**INF-1**

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.

TIA troubleshooting tip: The vehicle may enter your service facility with the OBDII fuse blown. If your scan tool issues a communication error while writing sensor IDs, verify that this fuse is not blown. During some types of service, the TPMS sensors may shut off resulting in a MIL when you start up the vehicle after service. The MIL will turn off during normal driving conditions, or you can perform an ID relearn using a properly formatted scan tool to turn the MIL off in the service bay.

**JAG-1**

Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle must be driven for at least 10 minutes while maintaining speed above 15mph in order for system to learn new sensor IDs. If spare tire sensor ID is being programmed, a properly formatted scan tool is necessary.

**KIA-1**

Ensure all tires are inflated to the pressure listed on the tire placard. Drive vehicle above 15mph for a minimum of 20 minutes to complete relearn process, or use properly formatted scan tool.

TIA troubleshooting tip: These vehicles utilize two types of TPMS: lo-line and hi-line. Hi-line systems show the driver positions and air pressure of all tires via a display, while lo-line systems do not communicate position and will only utilize the TPMS indicator symbol on the dash. Some models switched systems mid-year, so be aware of the type of TPMS you are servicing.

**LEX-2**

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. LR-1 Page 10 of 15 Copyright 2017. James Halderman. All Rights Reserved. Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle must be driven for at least 15 minutes while maintaining speed above 12mph in order for system to learn new sensor IDs. If spare tire sensor ID is being programmed, a properly formatted scan tool is necessary or spare must used on the vehicle and driven for a minimum of 15 minutes above 12mph.

**LR-1**

Ensure all tires are inflated to the pressure listed on the tire placard. The vehicle will need to be driven for at least 15 minutes while maintaining a speed above 12 mph in order for the system to learn the new sensor IDs. If spare tire sensor ID is being programmed, a properly formatted scan tool is necessary or the spare will need to be placed on the vehicle and driven for a minimum of 15 minutes above 12 mph.

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**Relearn Procedures**

**MAZ-1**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN (engine off), then to OFF.
3. Wait 15 minutes.
4. Drive vehicle above 12mph for several minutes.
5. Sensor IDs will then register.

**MAZ-2**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to OFF position and press and release brake pedal.
3. Cycle ignition from OFF to RUN position 3 times, ending in RUN position.
4. Press and release brake pedal.
5. Turn ignition to OFF position.
6. Cycle ignition from OFF to RUN position 3 times, ending in RUN position.
7. Horn will sound once and TPMS telltale will blink once train mode is initiated. If equipped with message center, it will display TRAIN LF TIRE. Place antennae of learn tool on sidewall of LF tire near sensor to activate. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires.
8. After training LR tire, the message center will display TRAINING MODE COMPLETE. If the vehicle is not equipped with the message center display, successful completion can be verified by turning the ignition to the OFF position and not hearing the horn sound. If the horn sounds, the training procedure must be repeated.

**MAZ-3**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Apply parking brake.
4. Press and hold the TPMS set switch, located to the left of the steering wheel on the knee bolster, until TPMS symbol in the instrument cluster flashes twice and a beep is heard once. System will calibrate under normal driving conditions.

**MER-3**

**Reset Air Pressure**

1. Inflate all tires to pressure indicated on tire placard.
  2. Turn ignition to ON/RUN position (engine off).
  3. Press forward/back button on steering wheel until trip and odometer are displayed.
  4. Press UP/DOWN button until tire inflation pressure monitor is displayed.
  5. Hold down reset button (located on instrument cluster) until MONITOR CURRENT TIRE PRESSURE? is displayed.
  6. Press+ button, TIRE PRESS. MONITOR-ACTIVATED!-PRESS. DISPLAY AFTER DRIVING A FEW MINS. is displayed.
  7. If REACTIVATE-TIRE PRESS. MONITOR! appears, repeat relearn procedure.
  8. If TIRE PRESSURE-CHECK TIRES! appears, indicates tire pressure too low, adjust pressures accordingly. Relearn New Sensor IDs Ensure all tires are inflated to the pressure listed on the tire placard. Vehicle must be driven for at least 10 minutes while maintaining speed above 15mph in order for system to learn new sensor IDs. If spare tire sensor ID is being programmed, a properly formatted scan tool is necessary.
- TIA troubleshooting tip:** If vehicle does not relearn new sensor IDs, verify that the spare wheel was not introduced onto the vehicle. If the sensor that was originally listed in the "spare" position is replaced, then the new spare sensor ID has to be registered through the OBDII via a properly formatted scan tool.

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**Relearn Procedures**

**MIN-2**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Hold reset button, located on right side of steering wheel for 4-6 seconds until TPMS telltale illuminates or set pressure is displayed on instrument panel.
4. Drive vehicle to complete initialization.

**On Some Models ....**

1. Ensure all tires are inflated to the pressure listed on tire placard.
2. Turn ignition to ON position (engine OFF).
3. Select "Vehicle info" using the control stick behind the gear shift or the button at the end of the turn signal lever (depends on the model).
4. Select "Vehicle status".
5. Select "Reset".
6. Start the engine, select "Reset".
7. Vehicle must be driven for up to 20 minutes above 20mph to complete relearn.

**MIT-1**

**IMPORTANT:** Verify scan tool capability BEFORE installing sensors. Many tools do not have the capability to write new sensor IDs via the OBDII. New sensor IDs HAVE to be written via OBDII connection, or a clone-able sensor can be used if given previous sensors' ID number.

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.

TIA troubleshooting tip: If check engine light illuminates following sensor registration via the OBD, cycle the ignition from off to on 20 plus times to clear the check engine light.

**NIS-1**

After a tire rotation or tire replacement, the system will relearn itself under normal driving conditions. A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.

TIA troubleshooting tips:

- The vehicle may enter your service facility with the OBDII fuse blown. If your scan tool issues a communication error while writing sensor IDs, verify that this fuse is not blown. Page 12 of 15 Copyright 2017. James Halderman. All Rights Reserved.
- During some types of service, the TPMS sensors may shut off resulting in a MIL when you start up the vehicle after service. The MIL will turn off during normal driving conditions, or you can perform an ID relearn using a properly formatted scan tool to turn the MIL off in the service bay.
- If equipped with a GPS, the tire pressure screen may not populate until the vehicle's GPS can connect to the satellite. The vehicle may have to be pulled out of the service bay to acquire satellite.

**POR-1**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Under MAIN MENU, select TIRE PRESSURE, then SETIINGS.
4. Select tire type and size.
5. Wheel positions are learned during normal driving conditions.

**POR-2**

Ensure all tires are inflated to the pressure listed on the tire placard. System relearns during normal driving conditions.

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**SAB-1**

Ensure all tires are inflated to the pressure listed on the tire placard. System relearns during normal driving conditions.

**SM-1**

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press the TPM (RDK) button on the cockpit switch panel.
4. The MIL will flash momentarily to indicate a manual relearn has been initiated.
5. Relearn will be complete once vehicle has been driven.

**SUB-1**

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.

**SUZ-1**

A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.

**SUZ-2**

1. Inflate all tires to pressure indicated on tire placard.
  2. Turn ignition to ON/RUN position (engine off).
  3. Press and hold driver's side door switch for 2 seconds. Release, then press again for 2 seconds. Release, then press again for 5 seconds.
  4. SHUT THE DRIVER'S DOOR.
  5. Place learn tool over LF tire and press activate/test button, then proceed to RF, RR, and LR. Sensors must be activated within 90 seconds.
  6. When each sensor ID has been received by control module, TPMS telltale will be displayed for 5 seconds
- TIA troubleshooting tip: Vehicle gives no indication it has entered learn mode, nor will it give any indication of accepting each sensor with a horn chirp. It is important to note that the technician must be VERY deliberate with timing when holding the switch down and releasing, and then close the driver's door. Successful completion of a relearn procedure can be verified by turning ignition to "On" position and not seeing a MIL. See picture of door switch below:



*Located on door post.*

**TES-1**

1. Inflate all tires to pressure listed on tire placard.
2. Under "Main Menu" on DIC, select "Tire Pressure", then select "Settings".
3. Select the correct tire type and size on vehicle.
4. The wheel positions will be learned to the vehicle under normal driving conditions.

**TES-2**

1. Inflate all tires to pressure listed on tire placard.
  2. Drive vehicle for at least 15 minutes above 30mph in order for the system to learn the new sensor IDs.
- \*A properly formatted scan tool can also be used to learn sensor IDs to system.

# 2009-2020 TPMS Relearn Procedures Cars, Light Trucks, SUVs, and Vans

## Relearn Procedures

### TOY-2

**NOTE:** Not all Models came equipped with a TPMS reset button. If no button is found, then a relearn is not required following an air pressure adjustment, tire rotation, or tire replacement. This button is commonly located on the driver's side knee bolster, inside the glove compartment, under the steering wheel, or next to the DLC/OBDII. The purpose of this button is to set a base-line for the air pressure and re-establish communication between the sensors and the vehicle.

Initialization following rotation and tire replacement:

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Hold down tire pressure reset button (located on instrument panel, knee bolster, or inside glove box) until TPMS telltale flashed 3 times.

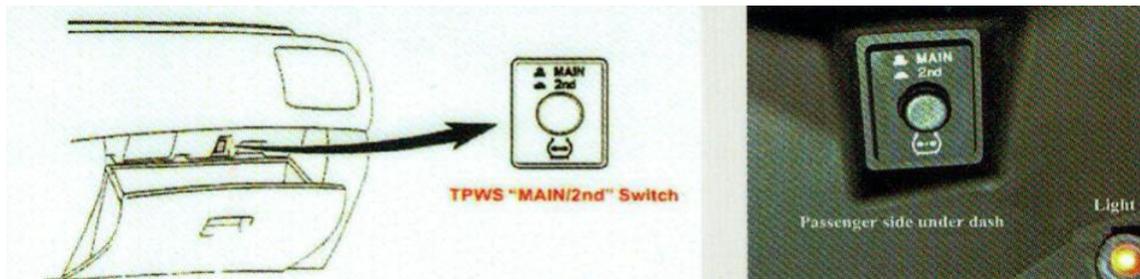
4. Initialization will be completed when ECU has received signals from all sensors. Process may take Page 2-3 minutes.

5. If initialization is not complete, drive vehicle for approximately 20 minutes.

Initialization following new sensor installation:

1. A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. After IDs have been registered via the OBD, leave ignition on, and activate all sensors using TPMS activation tool.

**TIA troubleshooting tip:** Many Toyota SUV's and Minivans have a Main / 2nd Switch commonly located inside or under the glove box, or at the base of the knee bolster. (See image below) This switch allows the vehicle to store two sets of TPMS ID's. One set for Spring / Summer wheels / tires and a second set for Fall / Winter. When the button is not pressed, the system is monitoring the OEM or "main" IDs on the vehicle. When pressed, the vehicle can then monitor a second set of IDs that can be stored for winter wheels/tires. If the button is pressed and no IDs are entered under the second position, then the MIL will illuminate. So ensure the you are writing the sensor IDs to the correct position.



### TOY-4

1. Inflate all tires to pressure listed on the tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press and hold the TPMS SET button on the dash until the TPMS warning light flashes one or two times.
4. Drive vehicle over 20 minutes at one of the following constant speed ranges: 31 +/- 6 mph (50 +/- 10 km/h), 44 +/- 6 mph (70 +/- 10 km/h), and 56 +/- 6 mph (90 +/- 10 km/h).
5. The system will be fully calibrated after the ignition is turned OFF, the doors are closed, and the vehicle sits for more than 5 minutes.

### VOL-1

Ensure all tires are inflated to the prnss11rn listed on the tire placard. Vehicle must be driven above 25mph for more than 10 minutes and then parked for more than 15 minutes for system to learn new sensor IDs or a properly formatted scan tool can be used to complete the relearn procedure.

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**Relearn Procedures**

**VOL-2**

1. Switch off the ignition.
2. Inflate tire(s) to the pressure indicated on the tire pressure placard on the driver's side B Pillar.
3. Start the vehicle.
4. Open the CAR status app in APP view.
5. Tap TPMS
6. Tap CALIBRATE
7. Tap OK to confirm that the tire pressure in all four tires has been checked and adjusted.
8. Calibration is completed when the vehicle is driving at a speed above 22 mph (35km/h)

**VW-1**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Enter the information center setup menu and select TIRE PRESSURE.
4. Select STORE.
5. SYSTEM LEARNING will appear on the display and disappear after several minutes of driving.

**VW-2**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press VEHICLE button to access tire pressure control menu.
4. Press the RDK key to enable tire pressure control.
5. If equipped with sensor in spare wheel, select SPARE WHEEL MONITORING
6. Press NEW TARGET PRESSURES key. The current pressures can now be saved.

**VW-3**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press the MENU button located on Instrument Cluster.
4. Use thumbnail knob to select TIRE PRESSURE.
5. Press thumbnail knob to select.
6. Use thumbnail knob to select STORE.
7. Press thumbnail knob to select.

TIA troubleshooting tip: If vehicle is equipped with automatic suspension stabilizing system, then the vehicle must be place in "jack mode" to complete TPMS relearn procedure. See vehicle owner's manual for model specific instructions.

**VW-4**

**Relearn Following Tire Rotation/Replacement**

1. Inflate all tires to pressure listed on tire placard.
2. Apply parking brake and turn ignition to the ON/RUN position (engine off).
3. Hold SET (or ESP) button (located next to gear shift) until audio signal is heard. Audio signal confirms successful relearn. \*\* See VW-1 if procedure is unsuccessful. \*\*

**Relearn Following Sensor Replacement**

1. Inflate all tires to pressure listed on tire placard.
2. Apply parking brake.
3. Vehicle needs to stand for 20 minutes in order for control module to enter learn mode.
4. Drive vehicle above 16mph to register sensor IDs.

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**Relearn Procedures**

**VW-5**

1. Inflate all tires to pressure listed on tire placard.
2. Drive vehicle above 16mph to register sensor IDs.

**VW-6**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Press the SET button, located in the glove box, for a minimum of two seconds.
4. The TPMS Telltale will go out after an audible chime.

**VW-7**

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON/RUN position (engine off).
3. Navigate through the vehicle menu, by using controls on steering wheel, until tire information is found.
4. Select the relearn option and follow on-screen prompts.