



Tire Industry Association

Domestic Vehicle

TPMS Relearn Chart

Through Model Year 2012

WORKING FOR THE INDUSTRY.
WORKING FOR YOU.

TIA Training & Certification Programs – The BEST in the Business

Those in the tire industry know that if you want to receive the best training and certification in the business, then the Tire Industry Association’s (TIA) programs are the only choice. As the recognized leader in tire service training and certification, TIA is committed to maintaining the highest standards by continuously updating and upgrading each of its programs to remain current with technology. This life-long learning approach is designed to provide the industry with an evolving educational series that serves as the primary vehicle for delivering the latest guidelines and procedures where they are needed most—the technician level.

TIA Training & Certification Program Offerings:

Market	Programs Offered
Automotive	Basic Automotive Tire Service Training & Certificate Program Certified Automotive Tire Service Instructor Program Certified Automotive Tire Service Technician Program TPMS Training Program (libro de texto disponible en Español)
Commercial	Basic Commercial Tire Service Training & Certificate Program Certified Commercial Tire Service Instructor Program Certified Commercial Tire Service Technician Program
OTR	OTR Tire Mount/Demount Training Basic Earthmover Tire Service Training and Certificate Program
Industrial	Industrial Tire Mount/ Demount Training
Agricultural	Agricultural Tire Mount/Demount Training

Your customers expect quality products and service with safety in mind. Training employees increases the level of safety in your business, reduces liability, and improves your profits. Make a difference in setting your standards for competence and professionalism — let TIA give the training your employees need!

For more information on these offerings, or to order additional copies of this TPMS guide, visit www.tireindustry.org and click on the *Training* tab, or call TIA at 800-876-8372, ext. 106.



DOMESTIC VEHICLES																							
Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Buick																							
Allure	2006	✓	✓	✓	GM-2																100(140)		
Allure	2007		✓	✓	GM-6	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)	100(140)		
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101			
Allure	2008		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)	100(140)		
						Siemens	15921013		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101			
Allure	2009		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Allure (315MHz-black sensor)	2010		✓	✓	GM-11	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5	110(149)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Allure (314.9MHz-grey sensor)	2010		✓	✓	GM-11	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	110(149)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Century	1999-05	✓	✓	✓	GM-1																100(140)		
Enclave	2008		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)	100(140)		
						Siemens	15921013		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101			
Enclave	2009-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
LaCrosse	2006	✓	✓	✓	GM-2																100(140)		
LaCrosse	2007		✓	✓	GM-6	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)	100(140)		
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101			
LaCrosse	2008		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)	100(140)		
						Siemens	15921013		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101			
LaCrosse	2009		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
LaCrosse (315MHz-black sensor)	2010-11		✓	✓	GM-11	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5	110(149)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
LaCrosse (314.9MHz-grey sensor)	2010-12		✓	✓	GM-11	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	110(149)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
LeSabre	2000-05	✓	✓	✓	GM-3																100(140)		
LeSabre	2007		✓	✓	GM-5	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Lucerne	2006	✓	✓	✓	GM-21																100(140)		
Lucerne	2007		✓	✓	GM-5	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Lucerne	2008-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Lucerne	2011		✓	✓	GM-26	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Park Avenue	1998-99	✓	✓	✓	GM-4																100(140)		
Park Avenue	2000-01	✓	✓	✓	GM-23																100(140)		

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)


DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Buick (continued)																							
Park Avenue	2002-05	✓	✓	✓	GM-3																100(140)		
Rainier (315 Mhz clamp-in)	2006-07		✓	✓	GM-6	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107AK	92-1155	92-0125	SC4006	OSC-0116	62(7)	100(140)		
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Rainier (snap-in)	2007		✓	✓	GM-6	Schrader	25799331	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Regal	1999-04	✓	✓	✓	GM-1																	100(140)	
Regal	2011-12		✓	✓	GM-26	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	110(149)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Rendezvous	2003-07	✓	✓	✓	GM-7																	100(140)	
Verano	2012		✓	✓	GM-26	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-8206		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Cadillac																							
CTS	2004-07		✓	✓	GM-9	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107K	92-1155	92-0125	SC4006	OSC-0116	62(7)		100(140)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
CTS	2008-12		✓	✓	GM-8	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
CTS-V	2009-12		✓	✓	GM-8	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Siemens		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150	80(9)						
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
DeVille	2001-05		✓	✓	GM-10	Schrader	25773946	20117	20003	9117	1080K	21084	20003	17-20117	17-20028AK	92-1004	92-0140	SC3946	OSC-0117	62(7)		100(140)	
						Universal									17-43013	17-41051		SP101					
DTS (clamp-in)	2006		✓	✓	GM-22	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150	80(9)						
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
DTS (snap-in)	2006-07		✓	✓	GM-22	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
DTS	2008-11		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Escalade	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)		140(190)	
						Universal		33000	34000			21192	21194	17-43013	17-41051			SP101					
Escalade	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal		33000	34000			21192	21194	17-43013	17-41051			SP101					
Escalade (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036					OEC-1	OSC-0158	62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125			62(7)			
						Siemens		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150	80(9)						
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Escalade (snap-in)	2007		✓	✓	GM-6	Schrader	25799331	20153	20008	9153	VS950	28206	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Escalade	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	28206	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

= Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)




DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut ¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Cadillac (continued)																							
Seville 	2001-04		✓	✓	GM-10	Schrader	25773946	20117	20003	9117	1080K	21084	20003	17-20117	17-20028AK	92-1004	92-0140	SC3946	OSC-0117	62(7)		100(140)	
						Universal									17-43013	17-41051			SP101				
SRX	2004-06		✓	✓	GM-11	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107K	92-1155	92-0125	SC4006	OSC-0116	62(7)		100(140)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
SRX	2007-09		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal			33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
SRX	2010-12		✓	✓	GM-11	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	110(149)	
						Universal			33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
STS	2005-07		✓	✓	GM-22	Schrader	25758220	20076	20004	9076	1070K	21072	20004	17-20076	17-20107AK	92-1154	92-0125	SC8220	OSC-0076	62(7)		100(140)	
						Universal			33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101				
STS	2008		✓	✓	GM-8	Schrader	25758220	20076	20004	9076	1070K	21072	20004	17-20076	17-20107AK	92-1154	92-0125	SC8220	OSC-0076	62(7)		100(140)	
						Universal			33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101				
STS (clamp-in)	2009		✓	✓	GM-8	Schrader	92186507	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal			33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101				
STS (snap-in)	2009-11		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal			33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
XLR	2004-09		✓	✓	GM-11	Schrader	25758220	20076	20004	9076	1070K	21072	20004	17-20076	17-20107AK	92-1154	92-0125	SC8220	OSC-0076	62(7)		100(140)	
						Universal			33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101				
Chevrolet																							
Avalanche	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)		140(190)	
						Universal			33000	34000			21192	21194	17-43013	17-41051			SP101				
Avalanche	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal			33000	34000			21192	21194	17-43013	17-41051			SP101				
Avalanche (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036							62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal			33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101				
Avalanche (snap-in)	2007		✓	✓	GM-6	Schrader	15254101	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal			33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
Avalanche	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal			33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
Aveo/Aveo5	2007-11	Only When Replacing Sensor			GM-24	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	88(119)	
						Universal			33000	20008			21193	21195	17-43013	17-41051			SP101	OTI-001			
Camaro	2010-12		✓	✓	GM-25	Schrader	20922900	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	140(190)	
						Universal			33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
Caprice	2011		✓	✓	GM-8	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Universal			33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101				

 = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Chevrolet (continued)																							
Captiva Sport	2012		✓	✓	GM-11	Schrader	25920615	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	100(140)	
						Universal		33000		20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001			
Cobalt (clamp-in)	2008-09		✓	✓	GM-8	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Cobalt (snap-in)	2009-10		✓	✓	GM-8	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Colorado	2006-12		✓	✓	GM-6	Schrader	15122618	20131	20006	9131	1110K	21071	21030	17-20131	17-20217AK	92-1012	92-0135	SC2618	OSC-0131	62(7)		100(140)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Corvette	1991-96	Auto Relearn			GM-12	Epic Tech Inc.	10098494														60 (6.8)	100(140)	
Corvette 	1997-00		✓	✓	GM-13	Schrader	10438853	28006	20012	8006	2040K	28006	20012	17-28006	17-20204AK	92-1020		SC1210	OSC-8006	62(7)		100(140)	
						Universal									17-43014	17-41051			SP101				
Corvette 	2001-02		✓	✓	GM-13	Schrader	25773946	20117	20003	9117	1080K	21084	20003	17-20117	17-20028AK	92-1004	92-0140	SC3946	OSC-0117	62(7)		100(140)	
						Universal									17-43013	17-41051			SP101				
Corvette 	2003-04		✓	✓	GM-14	Schrader	25773946	20117	20003	9117	1080K	21084	20003	17-20117	17-20028AK	92-1004	92-0140	SC3946	OSC-0117	62(7)		100(140)	
						Universal									17-43013	17-41051			SP101				
Corvette	2005-09	Only When Replacing Sensor			GM-11	Schrader	25758220	20076	20004	9076	1070K	21072	20004	17-20076	17-20107AK	92-1154	92-0125	SC8220	OSC-0076	62(7)		100(140)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Corvette	2010-12		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Cruze (315MHz-black sensor)	2011-12		✓	✓	GM-26	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Cruze (314.9MHz-grey sensor)	2011-12		✓	✓	GM-26	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Equinox	2007-09		✓	✓	GM-17	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Equinox (315MHz-black sensor)	2010-12		✓	✓	GM-25	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Equinox (314.9MHz-grey sensor)	2010-12		✓	✓	GM-25	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Express (clamp-in)	2008-09		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001*	7020K	21192	21194	17-43013	17-41051	92-3301*	92-3312	SP101					
Express (snap-in)	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312	SP101	OTI-001				

 = Magnetically activated sensors * = Clamp Screw Torque *REDI Sensor operable in 1500 series vehicles only *Sense.It Snap-in stem for use in 1500 series only. Use 21192 above 1500 series.

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)				
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)						
Chevrolet (continued)																								
G Series	2008		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			140(190)	
						Siemens	10394110			1047	1050K		21102		17-30402	17-20201AK	92-1011			92-0150	80(9)			
						Universal		33000	34000	7001*	7020K	21192	21194			17-43013	17-41051			92-3301*	92-3312	SP101		
HHR (clamp-in)	2008-09		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			100(140)	
						Siemens				1047	1050K		21102		17-30402	17-20201AK	92-1011			92-0150	80(9)			
						Universal		33000	34000	7001	7020K	21192	21194			17-43013	17-41051			92-3301	92-3312	SP101		
HHR (snap-in)	2008-10		✓	✓	GM-8	Schrader	15922396	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
HHR (315MHz-black sensor)	2011		✓	✓	GM-11	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
HHR (314.9MHz-grey sensor)	2011		✓	✓	GM-11	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Impala	2000-05	✓	✓	✓	GM-16																	100(140)		
Impala (clamp-in)	2006-07		✓	✓	GM-17	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			100(140)	
						Siemens				1047	1050K		21102		17-30402	17-20201AK	92-1011			92-0150	80(9)			
						Universal		33000	34000	7001	7020K	21192	21194			17-43013	17-41051			92-3301	92-3312	SP101		
Impala (snap-in)	2007-12		✓	✓	GM-17	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Malibu (clamp-in)	2008		✓	✓	GM-8	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			100(140)	
						Siemens				1047	1050K		21102		17-30402	17-20201AK	92-1011			92-0150	80(9)			
						Universal		33000	34000	7001	7020K	21192	21194			17-43013	17-41051			92-3301	92-3312	SP101		
Malibu (snap-in)	2008-10		✓	✓	GM-8	Schrader	15922396	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Malibu (315MHz-black sensor)	2011-12		✓	✓	GM-11	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Malibu (314.9MHz-grey sensor)	2011-12		✓	✓	GM-11	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Monte Carlo	2000-05	✓	✓	✓	GM-16																	100(140)		
Monte Carlo (clamp-in)	2006-07		✓	✓	GM-17	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			100(140)	
						Siemens				1047	1050K		21102		17-30402	17-20201AK	92-1011			92-0150	80(9)			
						Universal		33000	34000	7001	7020K	21192	21194			17-43013	17-41051			92-3301	92-3312	SP101		
Monte Carlo (snap-in)	2007		✓	✓	GM-17	Schrader	25799331	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Orlando	2012		✓	✓	GM-26	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5		100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195			17-43013	17-41051			92-3301	92-3312	SP101		OTI-001
Silverado	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)			140(190)	
						Universal		33000	34000				21192	21194			17-43013			17-41051				SP101

*REDI Sensor operable in 1500 series vehicles only

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES



Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #		Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
Chevrolet (continued)																							
Silverado	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Silverado (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036					OEC-1	OSC-0158	62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125			62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001*	7020K	21192	21194	17-43013	17-41051	92-3301*	92-3312			SP101			
Silverado (snap-in)	2007		✓	✓	GM-6	Schrader	15254101	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312	SP101	OTI-001				
Silverado	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312	SP101	OTI-001				
Sonic	2012		✓	✓	GM-26	Schrader	20922900	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
SSR (TPMS optional)	2006-07		✓	✓	GM-6	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107K	92-1155	92-0125	SC4006	OSC-0116	62(7)		100(140)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Suburban	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)		140(190)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Suburban	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Suburban (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036					OEC-1	OSC-0158	62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125			62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001*	7020K	21192	21194	17-43013	17-41051	92-3301*	92-3312			SP101			
Suburban (snap-in)	2007		✓	✓	GM-6	Schrader	15254101	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312	SP101	OTI-001				
Suburban	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312	SP101	OTI-001				
Tahoe	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)		140(190)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Tahoe	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Tahoe (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036					OEC-1	OSC-0158	62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125			62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101			
Tahoe (snap-in)	2007		✓	✓	GM-6	Schrader	25799331	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Tahoe	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

*REDI Sensor operable in 1500 series vehicles only

*Sense.It Snap-in stem for use in 1500 series only. Use 21192 above 1500 series.

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)





DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #		Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
Chevrolet (continued)																							
Trail Blazer	2006-09		✓	✓	GM-6	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107K	92-1155	92-0125	SC4006	OSC-0116	62(7)		100(140)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Traverse	2009-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Uplander	2008		✓	✓	GM-8	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens				1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Volt (315MHz-black sensor)	2010-12		✓	✓	GM-26	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Volt (314.9MHz-grey sensor)	2010-12		✓	✓	GM-26	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Chrysler																							
200	2011-12			Auto Relearn	CHR-2	Continental	68078861AA		20003	1051	7000K	21093	21113	17-30405	17-20700AK		92-3311	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
300 (315Mhz)	2005-07			Auto Relearn	CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
300 (433Mhz)	2006-08			Auto Relearn	CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)		85-115 (115-156)	
						Schrader		28155	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202			58(6.5)			
								28434	20008		VS950		21060		17-20018		92-0145				11.5		
					Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002					
300 (clamp-in)	2009-10			Auto Relearn	CHR-2	Schrader	56029400AB	28291	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037	17-28214	17-20013AK (17-20020valve)	92-1129	92-202		OSC-8214	58(6.5)		85-115 (115-156)	
						Universal						21187	21194	17-43014	17-41051								
300 (snap-in)	2010-12			Auto Relearn	CHR-2	Schrader	56029398AB	20398	20018	9398	VS950		21060	17-20398	17-20018	92-1161	92-0145		OSC-8215		11.5	85-115 (115-156)	
						Universal						21187	21194	17-43014	17-41051								
300M 	2002-04		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Aspen	2007-09			Auto Relearn	CHR-2	Siemens			20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		135(183)	
						Schrader	56029465AA	20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
Concorde 	2002-04		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			

 = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Chrysler (continued)																							
Crossfire 	2002-04		✓	✓	CHR-4	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		81(110)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Crossfire (315MHz)	2005		✓	✓	CHR-4	Siemens			20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		81(110)	
						Schrader	5142340AA	20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
					Universal		33000	34000	7001	7020K			17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
Crossfire (433MHz) 	2005-08		✓	✓	CHR-4	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		81(110)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Crossfire (315MHz)	2006-08		✓	✓	CHR-4	Siemens	56053030AB		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		81(110)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K			17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Pacifica (433Mhz) 	2003-04	Auto Relearn			CHR-2	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		81(110)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Pacifica (315Mhz)	2004-05	Auto Relearn			CHR-2	Siemens	5127335AB	20335	20030	1052	1050K	21094	21102	17-30405	17-20201AK	92-1027	92-0150	OEC-5	OSE-7243	71(8)		85-115 (115-156)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Pacifica	2006-08	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
PT Cruiser	2008-10	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Sebring (315Mhz)	2007-10	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Sebring (433Mhz)	2008-09	Auto Relearn			CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)		85-115 (115-156)	
						Schrader		28155	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202			58(6.5)			
								28434	20008		VS950		21060		17-20018		92-0145				11.5		
						Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312			SP102	OTI-002		
Town & Country 	2002-03		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			

 = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Chrysler (continued)																							
Town & Country	2004-05	Auto Relearn			CHR-2	Siemens	5127335AB	20335	20030	1052	1050K	21094	21102	17-30405	17-20201AK	92-1027	92-0150	OEC-5	OSE-7243	71(8)		85-115 (115-156)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Town & Country (315MHz)	2006-07		✓	✓	CHR-4	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		81(110)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Town & Country (433MHz)	2008-10	Auto Relearn			CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	SI1698	OSE-7771	71(8)		85-115 (115-156)	
						Schrader		28155	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202			58(6.5)			
								28434	20008		VS950		21060		17-20018		92-0145				11.5		
						Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312			SP102	OTI-002		
Town & Country	2011-12	Auto Relearn			CHR-2	Schrader	56029398AB	20398	20018	9398	VS950		21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5	85-115 (115-156)	
						Universal						21187	21194	17-43014	17-41051								
Voyager	2002-03		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				
Dodge																							
Avenger	2008-09	Auto Relearn			CHR-2	Siemens	68001696AA		20003	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Avenger	2010-12	Auto Relearn			CHR-2	Continental	68078861AA			1051	7000K	21093	21113	17-30405	17-20700AK		92-3311	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Caliber	2007-10	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Caliber	2011-12	Auto Relearn			CHR-2	Continental	68078861AA			1051	7000K	21093	21113	17-30405	17-20700AK		92-3311	SC36AA	OSE-7770	71(8)		85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Caravan	2002-03		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				

= Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)



DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Dodge (continued)																							
Caravan	2004-05	Auto Relearn	CHR-2	Siemens	5127335AB	20335	20030	1052	1050K	21094	21102	17-30405	17-20201AK	92-1027	92-0150	OEC-5	OSE-7243	71(8)			85-115 (115-156)		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Caravan	2006-07	Auto Relearn	CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)			85-115 (115-156)		
				Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5				
Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001										
C/V	2012	Auto Relearn	CHR-2	Schrader	56029398AB	20398	20018	9398	VS950		21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5		85-115 (115-156)		
				Universal						21187	21194	17-43014	17-41051										
Challenger (clamp-in)	2008-12	Auto Relearn	CHR-2	Schrader	56029400AD	28291	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037	17-28214	17-20013AK (17-20020valve)	92-1129	92-202		OSC-8214	58(6.5)			85-115 (115-156)		
				Universal						21187	21194	17-43014	17-41051										
Challenger (snap-in)	2010-12	Auto Relearn	CHR-2	Schrader	56029398AB	20398	20018	9398	VS950		21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5		85-115 (115-156)		
				Universal						21187	21194	17-43014	17-41051										
Charger	2006-07	Auto Relearn	CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)			85-115 (115-156)		
				Schrader		20066	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5				
Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001										
Charger	2008	Auto Relearn	CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)			85-115 (115-156)		
				Schrader		28155	20013 (20020-valve)		2030K (9066-1 valve)		21037		17-20013AK	92-1132	92-202			58(6.5)					
						28434	20008		VS950		21060		17-20018		92-0145				11.5				
Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002										
Charger	2009-10	Auto Relearn	CHR-2	Schrader	56029400AD	28291	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037	17-28214	17-20013AK (17-20020valve)	92-1129	92-202		OSC-8214	58(6.5)			85-115 (115-156)		
				Universal						21187	21194	17-43014	17-41051										
Charger (snap-in)	2010-12	Auto Relearn	CHR-2	Schrader	56029398AB	20398	20018	9398	VS950		21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5		85-115 (115-156)		
				Universal						21187	21194	17-43014	17-41051										
Dakota	2008-10	Auto Relearn	CHR-2	Schrader	56029465AC	28154	20013 (20020-valve)	9154	2030K (9066-1 valve)	21132	21037	17-28154	17-20013AK (17-20020valve)		92-202		OSC-8154	58(6.5)		135(183)			
						28461	20008		VS950				17-20018	92-1028	92-0145								
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312								
Dakota	2011	Auto Relearn	CHR-2	Schrader	56029479AA	28308	20008	9308	VS950	21182	21060	17-20398	17-20018	92-1028	92-0145	SC36AA	OSC-0066		11.5		135(183)		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						

= Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Make/Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Dodge (continued)																							
Durango	2007-09	Auto Relearn			CHR-2	Siemens		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150					71(8)		135(183)
						Schrader	56029465AB	20066	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)				
								28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145			11.5			
Durango	2011-12	Auto Relearn			CHR-2	Schrader	56029398AB	20398	20008	9398	VS950	21182	21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5	110(150)	
						Universal						21187	21194	17-43014	17-41051								
Grand Caravan 	2002-03		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051			SP102	OTI-002			
Grand Caravan	2004-05	Auto Relearn			CHR-2	Siemens	5127335AB	20335	20030	1052	1050K	21094	21102	17-30405	17-20201AK	92-1027	92-0150	OEC-5	OSE-7243	71(8)		85-115 (115-156)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3302	92-3312	SP101	OTI-001				
Grand Caravan	2006-07	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150				71(8)	85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)				
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145			11.5			
Grand Caravan	2008-10	Auto Relearn			CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150				71(8)	85-115 (115-156)	
						Schrader		28155	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202	SI1698	OSE-7771	58(6.5)				
					Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002		11.5			
Grand Caravan	2011-12	Auto Relearn			CHR-2	Schrader	56029398AB	20398	20018	9398	VS950		21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5	85-115 (115-156)	
						Universal						21187	21194	17-43014	17-41051								
Intrepid 	2002-04		✓	✓	CHR-1	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Journey (lo-line)	2009-10	Auto Relearn			CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150				71(8)	85-115 (115-156)	
						Schrader		28155	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202	SI1698	OSE-7771	58(6.5)				
								28434	20008		VS950		21060		17-20018		92-0145			11.5			
					Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002					
Journey (hi-line)	2010-12	Auto Relearn			CHR-2	Schrader	56029398AA	20398	20008	9398	VS950	21182	21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5	85-115 (115-156)	
						Universal						21187	21194	17-43014	17-41051								
Magnum	2005-07	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150				71(8)	85-115 (115-156)	
						Schrader		20066	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)				
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145			11.5			
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					

 = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)




DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Dodge (continued)																							
Magnum	2008	Auto Relearn	CHR-2	Siemens	68001698AA		20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)	58(6.5)	11.5	85-115 (115-156)		
				Schrader		28155	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202									
						28434	20008	VS950		21060		17-20018		92-0145									
		Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002								
Magnum	2009	Auto Relearn	CHR-2	Schrader	56029400AD	28291	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037	17-28214	17-20013AK (17-20020valve)	92-1129	92-202		OSC-8214	58(6.5)		85-115 (115-156)			
				Universal					21187	21194	17-43014	17-41051											
Nitro	2007-11	Auto Relearn	CHR-2	Siemens			20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)	58(6.5)	11.5	95(129)		
				Schrader	56029465AB	20066	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202									
						28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145								
		Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001								
Nitro (snap-in)	2010-11	Auto Relearn	CHR-2	Schrader	56029479AA	28308	20008	9308	VS950	21182	21060	17-20398	17-20018	92-1028	92-0145	SC36AA	OSC-0066		11.5	95(129)			
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Ram 1500, 2500	2008	Auto Relearn	CHR-2	Schrader	56029319AA	28154	20013 (20020-valve)	9154	2030K (9066-1 valve)	21132	21037	17-28154	17-20013AK (17-20020valve)	92-1028	92-202		OSC-8154	58(6.5)	11.5	135(183)			
					68137699AA	28461	20008		VS950				17-20018	92-1028	92-0145								
				Universal		33000	34000			21192	21194	17-43013	17-41051										
Ram 1500,2500 (433Mhz, clamp-in, lo-line)	2009-10	Auto Relearn	CHR-2	Siemens			20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)	58(6.5)	11.5	135(183)		
				Schrader	56029359AB	28155	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202									
						28434	20008	VS950		21060		17-20018		92-0145									
		Universal		33100	34000	7004*	7020K	21187	21194	17-43014	17-41051	92-3302*	92-3312	SP102	OTI-002								
Ram 1500,2500 (snap-in, hi-line)	2010-12	Auto Relearn	CHR-2	Schrader	56029398AB	20398	20008	9398	VS950	21182	21060	17-20398	17-20018	92-1161	92-0145		OSC-8214		11.5	135(183)			
				Universal					21187	21194	17-43014	17-41051											
Sprinter	2007-12	Auto Relearn	CHR-2	Siemens	68038945AA			1042	1098K	21039	21038	17-30406	17-20198AK	92-1089	92-1170		OSE-8003	53(6)		Al.Whl. 126-140 (171-190) St.Whl. 170-184 (231-250)			
				Schrader		20089	20021* (20036-valve)																
				Universal		33000	34000					17-43013	17-41051										
Stratus	2007	Auto Relearn	CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)	58(6.5)	11.5	85-115 (115-156)		
				Schrader		20066	20013 (20020-valve)	2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202									
						28308	20008	9308	VS950	21182	21060		17-20018		92-0145								
		Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001								
Viper	2003-10		✓	✓	CHR-4	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)	80-100 (108-140)		
						Universal		33100	34000	7004	7020K					17-43014	17-41051	92-3302	92-3312	SP102		OTI-002	

☞ = Magnetically activated sensors * = Clamp Screw Torque *REDI Sensor operable in 1500 series vehicles only *Schrader service pack #20021 can only be used if Schrader valve #20036 has been previously installed.

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Ford																							
C-Max	2012	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5	Consult Service Manual	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Crown Victoria	2007-11	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
E-Series	2008-09		✓	✓	FRD-5	Ford(band)	8C2Z-1A189	28395		1048HP	1194	21041	21579	17-30011	17-21101/02/03	92-1185	92-0240/41/42	LE8C2T	OSE-7635		27(3)	140-150 (190-203)	
						Universal		33000	20008				21192	21194	17-43013	17-41051			SP101	OTI-001			
E-Series	2010-12		✓	✓	FRD-5	Schrader	9L3Z-1A-189A	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5	140-150 (190-203)	
						Universal		33000	20008				21192	21194	17-43013	17-41051				OTI-001			
Edge w/chrome whls	2007-08	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Edge w/o chrome whls	2007-08	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Edge	2009-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Edge	2011-13	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Escape	2005-08	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Escape	2009-13	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Expedition 	2003-04		✓	✓	FRD-2	Schrader	4L2Z-1A-150BA	20096	20002	9096	1060K	21081	20002	17-20096	17-20096AK	92-1001	92-0115	OEC-4	OSC-0096	44 (5)		150(204)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Expedition 	2005-06		✓	✓	FRD-2	Schrader	5L1Z-1A150-AB	20135	20002	9135	1060K	21085	20002	17-20315	17-20096AK	92-1005	92-0115	OEC-3	OSC-0135	44(5)		150(204)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003				
Expedition	2007-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	150(204)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Expedition	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5	150(204)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Explorer 	2002-05		✓	✓	FRD-2	Schrader	4L2Z-1A-150BA	20096	20002	9096	1060K	21081	20002	17-20096	17-20096AK	92-1001	92-0115	OEC-4	OSC-0096	44 (5)		100(140)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Explorer	2006-10	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Explorer	2011-13	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Explorer Sport Trac	2007-10	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635		27(3)	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

 = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

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Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Ford (continued)																							
F150	2007-08	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	150(204)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
F150	2009-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		150(204)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
F150 HD	2008-10		✓	✓	FRD-5	Ford(band)	8C2Z-1A189	28395		1048HP	1194	21041	21579	17-30011	17-21101/02/03	92-1185	92-0240/41/42	LE8C2T	OSE-7635			27(3)	150(204)
						Universal		33000	20008				21192	21194	17-43013	17-41051			SP101	OTI-001			
F150HD	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		150(204)
						Universal		33000	20008			21192	21194	17-43013	17-41051				OTI-001				
F250/350 Super Duty	2008-10		✓	✓	FRD-5	Ford(band)	8C2Z-1A189	28395		1048HP	1194	21041	21579	17-30011	17-21101/02/03	92-1185	92-240/41/42	LE8C2T	OSE-7635			27(3)	150(204)
						Universal		33000	20008				21192	21194	17-43013	17-41051			SP101	OTI-001			
F250/350 Super Duty	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		150(204)
						Universal		33000	20008			21192	21194	17-43013	17-41051				OTI-001				
F450/550	2008-10		✓	✓	FRD-5	Ford(band)	8C2Z-1A189	28395		1048HP	1194	21041	21579	17-30011	17-21101/02/03	92-1185	92-0240/41/42	LE8C2T	OSE-7635			27(3)	165(224)
						Universal		33000	20008				21192	21194	17-43013	17-41051			SP101	OTI-001			
F450/550	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		150(204)
						Universal		33000	20008			21192	21194	17-43013	17-41051				OTI-001				
Fiesta	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		98(133)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Five Hundred	2006-07	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Flex	2009-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Flex	2011-13	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Focus	2007-09	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Focus	2010-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Freestar (indirect)	2004-05	✓	✓	✓	FRD-3																		100(140)
Freestar (direct)	2004-05		✓	✓	FRD-2	Schrader	5L1Z-1A150-AB	20135	20002	9135	1060K	21085	20002	17-20315	17-20096AK	92-1005	92-0115	OEC-3	OSC-0135	44(5)			100(140)
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003				
Freestar (direct)	2006-07	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Fusion	2007-09	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

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Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Ford (continued)																							
Fusion (snap-in)	2009-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312				OTI-001		
Mustang	2007-09	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Mustang	2010-13	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312				OTI-001		
Ranger	2007-11	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Ranger	2012	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312				OTI-001		
Taurus (pre 5/2010)	2008-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Taurus (post 5/2010)	2010-13	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312				OTI-001		
Taurus X	2008-09	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Transit Connect	2010-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		66(89)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312				OTI-001		
Windstar	2001-03	✓	✓	✓	FRD-4																	100(140)	
GMC																							
Acadia	2007-08		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150				80(9)		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Acadia	2009-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Canyon	2006-12		✓	✓	GM-6	Schrader	15122618	20131	20006	9131	1110K	21071	21030	17-20131	17-20217AK	92-1012	92-0135	SC2618	OSC-0131	62(7)		100(140)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Envoy (OE Schrader Part# 25774006)	2005-09		✓	✓	GM-6	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107K	92-1155	92-0125	SC4006	OSC-0116	62(7)		100(140)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Envoy (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036							62(7)		100(140)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150				80(9)		
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Envoy (snap-in)	2007-09		✓	✓	GM-6	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
GMC (continued)																							
Savana	2008-09		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001*	7020K		21192	21194	17-43013	17-41051	92-3301*			92-3312	SP101		
Savana	2010-12		✓	✓	GM-8	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312			SP101	OTI-001		
Sierra	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)		140(190)	
						Universal		33000	34000			21192	21194	17-43013	17-41051					SP101			
Sierra	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal		33000	34000			21192	21194	17-43013	17-41051					SP101			
Sierra (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036					OEC-1	OSC-0158	62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125			62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001*	7020K	21192	21194	17-43013	17-41051	92-3301*	92-3312			SP101			
Sierra (snap-in)	2007		✓	✓	GM-6	Schrader	15254101	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312			SP101	OTI-001		
Sierra	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	28206	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312			SP101	OTI-001		
Terrain	2010-12		✓	✓	GM-8	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
Yukon	2004		✓	✓	GM-6	Schrader	15136883	20115	20004	9115	1070K	21099	20004	17-20115	17-20107AK	92-1006	92-0125	SC2575	OSC-0115	62(7)		140(190)	
						Universal		33000	34000			21192	21194	17-43013	17-41051					SP101			
Yukon	2005-06		✓	✓	GM-6	Schrader	15114379	20107	20004	9107	1070K	21082	20004	17-20107	17-20107AK	92-1018	92-0125	SC4379	OSC-107	62(7)		140(190)	
						Universal		33000	34000			21192	21194	17-43013	17-41051					SP101			
Yukon (clamp-in)	2007		✓	✓	GM-6	TRW	15825475		20015		2020K		21036					OEC-1	OSC-0158	62(7)		140(190)	
						Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125			62(7)			
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001*	7020K	21192	21194	17-43013	17-41051	92-3301*	92-3312			SP101			
Yukon (snap-in)	2007		✓	✓	GM-6	Schrader	15254101	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312			SP101	OTI-001		
Yukon	2008-12		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R*	VS80	21193*	21195	17-43013	17-41051	92-3301*	92-3312			SP101	OTI-001		
Hummer																							
H2	2008-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	28206	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312			SP101	OTI-001		
H3	2006-10		✓	✓	GM-6	Schrader	15122618	20131	20006	9131	1110K	21071	21030	17-20131	17-20217AK	92-1012	92-0135	SC2618	OSC-0131	62(7)		100(140)	
						Universal		33000	34000			21192	21194	17-43013	17-41051					SP101			

*REDI Sensor operable in 1500 series vehicles only

*Sense.It Snap-in stem for use in 1500 series only. Use 21192 above 1500 series.

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sen-sor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Hummer (continued)																							
H3T	2009-10		✓	✓	GM-6	Schrader	15122618	20131	20006	9131	1110K	21071	21030	17-20131	17-20217AK	92-1012	92-0135	SC2618	OSC-0131	62(7)		100(140)	
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Jeep																							
Commander	2006-07	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150			71(8)		95(129)	
						Schrader	56029465AB	20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
Commander	2008-10	Auto Relearn			CHR-2	Siemens			20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150			71(8)		95(129)	
						Schrader	56029359AB	28155	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202	SI1698	OSE-7771	58(6.5)			
								28434	20008		VS950		21060		17-20018		92-0145				11.5		
					Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002					
Compass	2007-10	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150			71(8)		100(140)	
						Schrader		20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
Compass	2011-12	Auto Relearn			CHR-2	Continental	68078861AA		20003	1051	7000K	21093	21113	17-30405	17-20700AK		92-3311			71(8)		100(140)	
						Schrader		20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
Grand Cherokee	2002-04		✓	✓	CHR-3	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4		35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102				
Grand Cherokee	2005-07	Auto Relearn			CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150			71(8)		95(129)	
						Schrader		20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202	SC36AA	OSE-7770	58(6.5)			
								28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5		
					Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001					
Grand Cherokee	2008-10	Auto Relearn			CHR-2	Siemens			20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150			71(8)		95(129)	
						Schrader	56029359AB	28155	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202	SI1698	OSE-7771	58(6.5)			
								28434	20008		VS950		21060		17-20018		92-0145				11.5		
					Universal		33100	34000	7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002					
Grand Cherokee	2011-12	Auto Relearn			CHR-2	Schrader	56029398AA	20398	20008	9398	VS950	21182	21060	17-20398	17-20018	92-1161	92-0145				11.5	95(129)	
						Universal		32000	20008				21187	21194	17-43014	17-41051							
Liberty	2004		✓	✓	CHR-3	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	35(4)		85-115 (115-156)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			

☞ = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)




DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Jeep (continued)																							
Liberty	2005-08	Auto Relearn	CHR-2	Siemens			20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)			95(129)		
				Schrader	56053036AA	20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5				
Liberty (433Mhz)	2009	Auto Relearn	CHR-2	Siemens			20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)			95(129)		
				Schrader	56029359AB	28155	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202			58(6.5)					
						28434	20008		VS950		21060		17-20018		92-0145				11.5				
Liberty (315Mhz, clamp-in)	2009-11	Auto Relearn	CHR-2	Siemens			20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)			95(129)		
				Schrader	56029465AB	20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5				
Liberty (315 Mhz, snap-in)	2010-12	Auto Relearn	CHR-2	Schrader	56029479AA	28308	20008	9308	VS950		21060		17-20018		92-0145	SC36AA	OSC-0066		11.5		95(129)		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Patriot	2007-10	Auto Relearn	CHR-2	Siemens	68001696AA		20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)			100(140)		
				Schrader		20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5				
Patriot	2011-12	Auto Relearn	CHR-2	Continental	68078861AA		20003	1051	7000K	21093	21113	17-30405	17-20700AK		92-3311	SC36AA	OSE-7770	71(8)			100(140)		
				Schrader		20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018		92-0145				11.5				
Wrangler	2007-08	Auto Relearn	CHR-2	Siemens			20030	1051	1050K	21093	21102	17-30405	17-20201AK		92-0150	SC36AA	OSE-7770	71(8)			95(129)		
				Schrader	56053036AA	20066	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1022	92-202			58(6.5)					
						28308	20008	9308	VS950	21182	21060		17-20018	92-1028	92-0145				11.5				
Wrangler (433Mhz, clamp-in)	2009-10	Auto Relearn	CHR-2	Siemens			20030	1043	1050K	21093	21102	17-30404	17-20201AK		92-0150	S11698	OSE-7771	71(8)			95(129)		
				Schrader	56029359AB	28155	20013 (20020 valve)		2030K (9066-1 valve)		21037		17-20013AK (17-20020valve)	92-1132	92-202			58(6.5)					
						28434	20008		VS950		21060		17-20018		92-0145				11.5				
Wrangler (315MHz, snap-in)	2010-12	Auto Relearn	CHR-2	Schrader	56029479AA	28308	20008	9308	VS950		21060		17-20018		92-1028	SC36AA	OSC-0066		11.5		95(129)		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						

 = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #		Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
Lincoln																							
Aviator 	2003-05		✓	✓	FRD-2	Schrader	4L2Z-1A-150BA	20096	20002	9096	1060K	21081	20002	17-20096	17-20096AK	92-1001	92-0115	OEC-4	OSC-0096	44 (5)		100(140)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Mark LT	2007-08	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
MKS	2009-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
MKS	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
MKT	2010	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
MKT	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
MKX	2007-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
MKX	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
MKZ	2007-09	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
MKZ	2010-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Navigator 	2003-04		✓	✓	FRD-2	Schrader	4L2Z-1A-150BA	20096	20002	9096	1060K	21081	20002	17-20096	17-20096AK	92-1001	92-0115	OEC-4	OSC-0096	44 (5)		150(204)	
						Universal		33100	34000	7004	7020K				17-43014	17-41051	92-3302	92-3312	SP102	OTI-002			
Navigator 	2005-06		✓	✓	FRD-2	Schrader	5L1Z-1A150-AB	20135	20002	9135	1060K	21085	20002	17-20315	17-20096AK	92-1005	92-0115	OEC-3	OSC-0135	44(5)		150(204)	
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003				
Navigator	2007-10	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	150(204)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Navigator	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		150(204)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Town Car	2008-11	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Town Car (snap-in)	2011-12	Only When Replacing Sensor			FRD-1	Schrader	CM5T-1A150-AA	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				

DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader®	Schrader®	Dill	Dill	Myers	Myers	31 Inc. Xtra	31 Inc.	NAPA®	NAPA®	Orange	Oro-Tek	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Sensor Part#	Service Pack#	Sensor Part#	Kit or Band #	Sensor Part #	Kit or Band #	Seal Sensor Part#	Xtra Seal Kit#	Sensor Part#	Kit#	Electronic Sensor Part #	Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
		Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #				Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#								
Mercury																							
Grand Marquis	2006-11	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Grand Marquis (snap-in)	2011	Only When Replacing Sensor			FRD-1	Ford(band)	9L3Z-1A189-A	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Mariner	2006-08	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Mariner	2009-11	Only When Replacing Sensor			FRD-1	Ford(band)	9L3Z-1A189-A	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Milan	2008-09	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Milan	2010-11	Only When Replacing Sensor			FRD-1	Ford(band)	9L3Z-1A189-A	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1179	92-0145	SC9L2T	OSC-0315		11.5		100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312		OTI-001				
Montego	2006-07	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Monterey (indirect)	2004-05	✓	✓	✓	FRD-3																	100(140)	
Monterey (direct)	2004-05				FRD-2	Schrader	5L1Z-1A150-AB	20135	20002	9135	1060K	21085	20002	17-20315	17-20096AK	92-1005	92-0115	OEC-3	OSC-0135	44(5)			100(140)
						Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003				
Monterey	2006-07	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Mountaineer	2002-05				FRD-2	Schrader	4L2Z-1A-150BA	20096	20002	9096	1060K	21081	20002	17-20096	17-20096AK	92-1001	92-0115	OEC-4	OSC-0096	44 (5)			100(140)
						Universal		33100	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				
Mountaineer	2006-10	Only When Replacing Sensor			FRD-1	Ford(band)	6F2Z-1A-189A	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Sable	2008-09	Only When Replacing Sensor			FRD-1	Ford(band)	7L1Z-1A-189A	28390		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7635			27(3)	100(140)
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Oldsmobile																							
Alero	1999-00	✓	✓	✓	GM-18																	100(140)	
Aurora	2001-03	✓	✓	✓	GM-19																	100(140)	
Plymouth																							
Prowler	1997-01	Only When Replacing Sensor			CHR-4	Schrader	04815132AB	28004	Black 20012	8004	1080K			17-28004	17-20028AK	92-1019					35(4)		100(140)
									Red 20003														
Prowler	2002	Only When Replacing Sensor			CHR-4	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK			OEC-4	OSC-0028	35(4)			100(140)
						Universal		31000	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				

☞ = Magnetically activated sensors * = Clamp Screw Torque

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES																							
Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)					
Pontiac																							
Aztec	2003-05	✓	✓	✓	GM-7																100(140)		
Bonneville	2000-05	✓	✓	✓	GM-20																100(140)		
G3	2009-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
G5 (clamp-in)	2008		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
G5 (snap-in)	2008-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
G6 (clamp-in)	2008		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
G6 (snap-in)	2008-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
G8	2008-09		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Grand Am	1999-02	✓	✓	✓	GM-18																	100(140)	
Grand Prix	2004-06	✓	✓	✓	GM-2																	100(140)	
Grand Prix	2007-08		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Montana SV6	2008		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens			20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Solstice	2008-10		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Torrent	2006-07		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Vibe	2005-07	✓	✓	✓	GM-20																	76(103)	
Vibe (made in USA)	2008-10	Only When Replacing Sensor			GM-15	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216	92-1136	92-0215	OEC-2	OPA-3011	35(4)		76(103)	
						Universal		33000	34000	7002	7020K			17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Vibe (made in Japan)	2008-10	Only When Replacing Sensor			GM-15	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216	92-1136	92-0215	OEC-2	OPA-3011	35(4)		76(103)	
						Universal		33000	34000	7002	7020K			17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Wave	2008-09		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	88(119)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC VEHICLES

Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part#	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part #	Myers Kit or Band #	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA® Sensor Part#	NAPA® Kit#	Orange Electronic Sensor Part #	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pressure	Rotate	Replace Tire/Sensor				Schrader® EZ-Sensor® Part #		Continental REDI Sensor® Part #		Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDI Sensor® Part #		Simple Sensor Part#	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (Nm)
Saturn																							
Astra (433MHz)	2008		✓	✓	GM-11	Schrader	13172567	28078	20009	9078	2010K	21063	20010	17-28078	17-20010AK	92-1125	92-0195	OEC-1	OSC-8078	62(7)		81(110)	
						Universal									17-43014	17-41051			SP101				
Astra (315MHz black sensor)	2009-10		✓	✓	GM-11	Schrader	12768826	20153	20008	9153	VS950	21125	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Astra (314.9MHz grey sensor)	2010		✓	✓	GM-11	Schrader	12768826	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Aura (clamp-in)	2007		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Aura (snap-in)	2008-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Lambda Crossover	2007-08		✓	✓	GM-11	Schrader	15268606	20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Outlook (clamp-in)	2007-08		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		140(190)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Outlook (snap-in)	2008-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	140(190)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				
Sky	2007-09		✓	✓	GM-11	Schrader		20158	20004	9158	1070K	21070	20004	17-20158	17-20107AK	92-1012	92-0125	OEC-1	OSC-0158	62(7)		100(140)	
						Siemens	10394110		20030	1047	1050K		21102	17-30402	17-20201AK	92-1011	92-0150			80(9)			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Vue	2007-10		✓	✓	GM-11	Schrader	25920615	20153	20008	9153	VS950	21125	21060	17-20153	17-20008	92-1021	92-0145	OEC-1	OSC-153A		11.5	100(140)	
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001				

¹ All Orange Electronic and Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

DOMESTIC RELEARNS

Increase/decrease pressure steps can be replaced by placing antennae of TPMS learn tool over the sensor and pressing the tool's activate or test button.

GM-1

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON position (engine off).
3. Press the RESET button found on passenger side instrument panel fuse box.
4. The TPMS telltale will blink 3 times and turn off.

GM-2

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON position (engine off).
3. Press vehicle information button until TIRE INFLATION MONITOR SYSTEM PRESS SWITCH TO RESET is displayed.
4. To reset low tire pressure condition, hold down the DOWN/LEFT arrow button until TIRE INFLATION MONITOR SYSTEM HAS BEEN RESET is displayed. Release DOWN/LEFT arrow button and TIRE PRESSURE NORMAL is displayed.
5. To reset system after tire rotation/replacement, hold down the DOWN/LEFT arrow button for 5 seconds. Release DOWN/LEFT arrow button and TIRE PRESSURE NORMAL is displayed.

GM-3

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON position (engine off).
3. Press GAUGE INFO button until TIRE PRESSURE is displayed.
4. Hold down RESET button until TIRE PRESSURE RESET is displayed.
5. Release RESET button, TIRE PRESSURE NORMAL is displayed.

GM-4

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON position (engine off).
3. Press GAUGE INFO button until TIRE PRESSURE LOW, CHECK TIRES is displayed.
4. Hold down RESET button until TIRE PRESSURE NORMAL is displayed.

GM-5

1. Turn ignition to ON position (engine off).
2. Press vehicle information button on the DIC until the message LEARN TIRE POSITIONS is displayed.
3. Press the SET/RESET button to enable vehicle learn mode. The horn will sound twice to indicate the vehicle has entered learn mode and the DIC will display the message TIRE LEARNING ACTIVE.
4. Starting at the LF tire, increase/decrease pressure until horn sounds.
5. After horn sounds, proceed as in step 4 for the next 3 sensors in the following order: RF, RR, LR.
6. After LR sensor has been learned the horn will sound twice, turn ignition to OFF position.
7. Adjust all tires to pressure listed on tire placard.

If DIC will not enable vehicle learn mode, then see GM-6

GM-6

1. Apply parking brake. Turn ignition to ON 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, increase/decrease pressure until horn sounds.
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.

* If headlight switch does not enable TPMS Learn Mode, press the vehicle information button on the DIC until vehicle learn mode option is displayed*

GM-7

1. Inflate all tires to pressure indicated on tire placard.
2. Turn ignition to ON position (engine off).
3. Hold down MODE button until DIC display reads LOW TIRE PRESSURE HOLD SET TO RESET.
4. Hold down SET button until a chime sounds and TIRE PRESSURE RESET is displayed.
5. System will now sound a chime 3 times, and DIC will display TIRE PRESSURE NORMAL.

GM-8

WITH STANDARD IGNITION:

1. Turn the ignition to the ON 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. NOTE: For vehicles not equipped with keyless entry system OE, see GM-6 relearn summary.
 3. Starting with LF tire, increase/decrease the pressure until horn sounds.
 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 will know when you are in accessory mode when the Cadillac emblem appears on the DIC.

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 $\wedge \vee$ 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."

GM-9

1. Turn ignition to ACC position.
2. Press and hold unlock and lock buttons on the keyless entry transmitter until horn sounds.
3. Starting with LF tire, increase/decrease the pressure until horn sounds.
4. After horn sounds proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR. After completing LR tire, horn will sound twice.
5. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard.

GM-10

1. Turn ignition switch to ON position (engine off).
2. Press and hold unlock and lock buttons on the keyless entry transmitter until horn sounds.
3. Starting at LF tire, place relearn magnet over valve stem until horn sounds.
4. Proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR. After completing left rear tire, horn will sound twice.
5. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard.

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Information contained in the publication is based on various sources that may periodically change. Users should also note that this publication does not supersede the most recent recommendations from the vehicle or sensor manufacturer.

GM-11

WITH STANDARD IGNITION:

1. Turn ignition switch to ON position (engine off).
2. Press and hold unlock and lock buttons on the keyless entry transmitter until horn sounds, and then LF turn signal will become illuminated.
3. Starting with LF tire, increase/decrease tire pressure until horn sounds.
4. After horn sounds proceed as in step 5 for the next 3 sensors in the following order: RF, RR, LR. After completing LR tire, horn will sound twice.
5. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard.

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 $\wedge \vee$ 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."

GM-12

Ensure all tires are inflated to the pressure listed on the tire placard. When ignition is turned off, the system will be cleared and the TPMS Telltale will turn off. The system will recalibrate when vehicle is operated at a speed of 30 mph for a minimum of 30 seconds.

GM-13

1. Inflate all tires to pressure listed on tire placard.
2. Make sure the vehicle has been parked for at least 2 minutes before proceeding.
3. Turn the ignition switch to the ON position (engine off).
4. Press the RESET button on the Driver Information Center (DIC) to clear any warning messages displayed on the Instrument Panel Cluster (IPC).
5. Press and release the OPTIONS button on the DIC until the IPC display is blank.
6. Press and hold the RESET button on the DIC for three seconds.
7. Press and release the OPTIONS button again until the message TIRE TRAINING appears on the IPC.
8. Press and release the RESET button until the message LEARN L FRONT TIRE is displayed.
9. Starting at left front tire, place relearn magnet over valve stem until horn sounds.
10. After horn chirp has sounded, proceed as in step 8 for the next three sensors in the following order: right front, right rear and left rear.

GM-14

1. Inflate all tires to pressure listed on tire placard.
2. Turn the ignition switch to the ON position (engine off).
3. Press the RESET button on the DIC to clear any warning messages.
4. Press and release the OPTIONS button on the DIC until the display is blank.
5. Press and hold the RESET button on the DIC for three seconds.
6. Press and release the OPTIONS button again until the message TIRE TRAINING is displayed.
7. Starting at LF tire, place relearn magnet over valve stem until horn sounds.
8. After horn chirp has sounded, proceed as in step 6 for the next three sensors in the following order: RF, RR, LR.
9. Turn the ignition switch to the OFF position to exit the relearn mode.

DOMESTIC RELEARNS

Increase/decrease pressure steps can be replaced by placing antennae of TPMS learn tool over the sensor and pressing the tool's activate or test button.

GM-15
Connect compatible scan tool to Data Link Connector (DLC) and follow directions on tool display.
GM-16
<p>Using Light Switch</p> <ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Turn ignition to ON position (engine off). 3. Turn the light switch from OFF to Parking Lamps 3 times within 5 seconds. <p>Using Radio</p> <ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Turn ignition to ON position (engine off). 3. Turn radio off. 4. Hold DISP button until SETTINGS is displayed. 5. Use SEEK buttons to scroll down until TIRE MON is displayed. 6. Press the PREV or NEXT buttons until RESET is displayed. 7. Press the DISP button, a chime will sound and DONE is displayed. 8. Scroll until EXIT is displayed, press DISP button, chime sounds to signal exit from learn mode.
GM-17
<ol style="list-style-type: none"> 1. Turn ignition to the ACC position. 2. Press and hold unlock and lock buttons on the keyless entry transmitter until horn sounds and LF turn signal is illuminated. 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 and LF turn signal is illuminated. 3. Starting with LF tire, increase/decrease the pressure until horn sounds. 4. After horn sounds proceed as in step 4 for the next 3 sensors in the following order: RF, RR, LR. After completing LR tire, horn will sound twice. 5. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard.
GM-18
<ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Turn ignition to ON position (engine off). 3. Press the RESET button found on the driver's side instrument fuse panel box 4. The OIL CHANGE indicator will blink. 5. Press RESET button, CHANGE OIL indicator will turn off and TPMS telltale will blink. 6. Hold down RESET button until a chime is heard and TPMS telltale is no longer displayed.
GM-19
<ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Turn ignition to ON position (engine off). 3. Press the SELECT right arrow button located on the DIC until GAUGE is displayed. 4. Press SELECT down arrow button to display TIRE PRESSURE 5. Hold down RESET button until TIRE PRESSURE RESET is displayed. 6. Release RESET button and the message TIRE PRESSURE NORMAL will be displayed.
GM-20
<ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Turn ignition to ON position (engine off). 3. Hold TIRE RESET button until TPMS telltale begins to blink. 4. Release TIRE RESET button and TPMS telltale will go off.
GM-21
<ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Turn ignition to RUN position. 3. Press vehicle information button until PRESS TO RESET TIRE PRESSURE is displayed. 4. Hold down SET/RESET button until TIRE PRESSURE RESET is displayed, then release button.

GM-22
<ol style="list-style-type: none"> 1. Turn ignition to RUN position. 2. Press and hold unlock and lock buttons on the keyless entry transmitter until horn sounds. 3. Starting with LF tire, increase/decrease the pressure until horn sounds. 4. After horn sounds proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR. After completing LR tire, horn will sound twice. 5. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard.
GM-23
<ol style="list-style-type: none"> 1. Inflate all tires to pressure indicated on tire placard. 2. Start the engine. 3. Press and release the SELECT button on the DIC until GAUGE PAGE appears on the DIC display. 4. Press and release the SELECT button again until the message TIRE PRESSURE LOW is displayed. 5. Press and hold the RESET button on the DIC until the message changes to TIRE PRESSURE NORMAL 6. Release the RESEST button.
GM-24
A properly formatted scan is required for learning new sensor IDs.
GM-25
<p>WITH STANDARD IGNITION:</p> <ol style="list-style-type: none"> 1. Apply parking brake. 2. Turn ignition to ON position, engine off. 3. Press the MENU button on the DIC (located on turn signal lever in Camaro and on instrument cluster for all others) until the vehicle's tire pressures are displayed. 4. Press Set/Clr (this button is located at the end of the turn signal lever on Camaro). Vehicle asks "Are you sure that you want to relearn?" Select YES. 5. Starting at LF tire, decrease air pressure until horn chirps. Repeat procedure for remaining tires in the following order: RF, RR, and LR. After completing LR tire, horn will sound twice. 6. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard. <p>WITH PUSH-BUTTON START:</p> <ol style="list-style-type: none"> 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 activated, the horn will chirp twice. You can then turn the vehicle off to exit "learn mode."

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GM-26
<p>WITH STANDARD IGNITION:</p> <ol style="list-style-type: none"> 1. Set parking brake. 2. Turn ignition to ON/RUN (engine off). 3. Use the MENU button to select the Vehicle Information menu in the Driver Information Center (DIC). 4. Use thumbwheel to scroll to the Tire Pressure menu item screen. 5. Press the SET/CLR button to begin sensor matching process. A message requesting acceptance of the process should display. 6. Press the SET/CLR button again to confirm selection. 7. Starting with LF tire, increase/decrease tire pressure until horn sounds, or use TPMS relearn tool to activate each sensor. 8. After horn sounds proceed as in step 5 for the next 3 sensors in the following order: RF, RR, LR. After completing LR tire, horn will sound twice. 9. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard. <p>WITH PUSH-BUTTON START:</p> <ol style="list-style-type: none"> 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 activated, the horn will chirp twice. You can then turn the vehicle off to exit "learn mode."
CHR-1
<ol style="list-style-type: none"> 1. Inflate all tires to pressure listed on tire placard. 2. Turn ignition to ON position (engine off). 3. Press and release the MENU button on the EVIC until the message RETRAIN TIRE SENSOR-NO is displayed. 4. Press the STEP button to select YES. 5. Press the MENU button to start the relearn process. The EVIC will display the message, TRAIN LEFT FRONT TIRE. 6. Starting at LF tire, place relearn magnet over valve stem until horn sounds. 7. After horn sounds, proceed as in step 5 for the next 3 sensors in this order: RF, RR, LR, SP (if equipped). 8. Once the EVIC displays the message TRAINING COMPLETE, depress the STEP, C/T, RESET, or MENU buttons to exit the relearn procedure.
CHR-2
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-3
<ol style="list-style-type: none"> 1. Inflate all tires to pressure listed on tire placard. 2. Turn ignition to ON position (engine off). 3. Press and release the MENU button on the overhead console until the message RETRAIN TIRE SENSOR-NO is displayed. 4. Press the STEP button to select YES. 5. Press the MENU button to start the relearn process. The EVIC will display the message, TRAIN LEFT FRONT TIRE. 6. Starting at LF tire, place relearn magnet over valve stem until horn sounds. 7. After horn sounds, proceed as in step 5 for the next 3 sensors in this order: RF, RR, LR, SP (if equipped). 8. Once the EVIC displays the message TRAINING COMPLETE, depress the STEP, C/T, RESET, or MENU buttons to exit the relearn procedure.

DOMESTIC RELEARNS

Increase/decrease pressure steps can be replaced by placing antennae of TPMS learn tool over the sensor and pressing the tool's activate or test button.

CHR-4

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

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 tire 180° from valve stem to activate sensor. 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.

**WITH INTEGRATED KEY FOB (ACTUAL KEY CONTAINED IN KEY FOB) PUSH-BUTTON START:

1. With vehicle off, press and release the brake pedal.
2. Using the push button, press and hold the button until the vehicle is in accessory mode (ACC mode).
WARNING: DO NOT PUSH AND RELEASE TOO QUICKLY...PUSH—WAIT FOR SOUND—RELEASE
3. Power off by pushing the button 1 time.
4. Repeat 2 more times, ending in ACC mode.
5. Press and release the brake pedal, then turn vehicle off.
6. Using the push button, press and hold the button until the vehicle is in accessory mode.
7. Power off by pushing the button 1 time.
8. Repeat 2 more times, ending in ACC mode.
9. 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.
10. Starting at LF tire, decrease air pressure until horn chirps. Repeat procedure for remaining tires in the following order: RF, RR, and LR. If equipped with banded sensors, Place antennae of learn tool on sidewall of LF tire 180° from valve stem to activate sensor. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires.
11. After successfully programming the LR tire, the message center should display "TRAINING COMPLETE"
12. Inflate all tires to pressure listed on tire placard.

***WITH INTELLIGENT ASSIST IGNITION SYSTEM (NO ACTUAL KEY CONTAINED IN KEY FOB):

1. With vehicle off, press and release the brake pedal.
2. Using the push button, press once to turn on, then press again to put vehicle into ACC mode, then press again to turn vehicle off.
3. Repeat 2 more times, ending in ACC mode.
4. Press and release the brake pedal, then turn vehicle off.
5. Using the push button, press once to turn on, then press again to put vehicle into ACC mode, then press again to turn vehicle off.
6. Repeat 2 more times, ending in ACC mode.
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.
8. Starting at LF tire, decrease air pressure until horn chirps. Repeat procedure for remaining tires in the following order: RF, RR, and LR. If equipped with banded sensors, Place antennae of learn tool on sidewall of LF tire 180° from valve stem to activate sensor. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires.
9. After successfully programming the LR tire, the message center should display "TRAINING COMPLETE"
10. Inflate all tires to pressure listed on tire placard.

FRD-2

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to OFF position.
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 relearn magnet on LF sensor until horn sounds.
8. Proceed as in step 6 for the next 3 sensors in the following order: RF, RR, and LR.
9. After training LR the horn will sound and message center will display TIRE TRAINING MODE COMPLETE, if equipped.

FRD-3

Inflate all tires to pressure listed on tire placard.

For models without message center:

- Press and hold odometer reset button until TIRE PRESSURE SET is displayed.
- Hold button for 3 more seconds.
- TPMS telltale will then begin to blink to signal completion of reset process.

For models with message center:

- Press and hold SETUP button until RESET FOR SYSTEM CHECK is displayed.
- Press and hold RESET button until HOLD RESET TO RELEARN is displayed.
- Press and hold RESET button for 3 seconds.
- TPMS telltale and HOLD RESET TO RELEARN message will blink 3 times to signal completion of reset process.

FRD-4

1. Inflate all tires to pressure listed on tire placard.
2. Turn ignition to ON 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

*Ford TPMS Relearn Tool (or properly formatted TPMS learn tool) is required for relearn following rotation, tire replacement, and sensor replacement. This tool is located in the glove box with the owner's manual.

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 tire 180° from valve stem to activate sensor. 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.

DISCLAIMER

This Tire Industry Association (TIA) publication reflects the consensus of tire and rubber industry experts, as well as TIA's technical experts. This material provides voluntary education that assists passenger and light truck tire industry personnel by providing an understanding of the basic industry recommended practices for servicing vehicles with a tire pressure monitoring system (TPMS).

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TPMS MANAGER™ Powered by TIA

The Tire Industry's TPMS Management System



Features Include:

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- ⇒ TIA Tech Tips
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Start Over / Change Vehicle

Vehicle Report
2013 Dodge Dart

Sensor: 68193586AA View Compatible Vehicles

[Full] [3/4 Left] [3/4 Right] [Sensor ID] [FCC ID]

Relearn
Replace
Service Kits
Select as Replacement

© Tiremetrix, LLC
Continental TG1D Design

Part Source Continental
FCC ID KR55WY9012
Frequency 433 MHz
Housing Color Black
Sensor Type Snap-In
Part Design 2 Piece
Valve Material Rubber
Shape 18 - Continental - Snap-In
Torque Nut
Torque Screw
Torque Core 0.5Nm-4in-lbs
IC Number 7812D-5WY9012
Manufactured By Continental
Sensor ID Length 8 Digits
Sensor ID Type Hex Decimal
Category OEM
Pressure Range

TM_CNTL001
Continental 68193586AA Snap-in valve configuration
TM_CNTL001.pdf
View

Alternate Part #s: 68105280AD

- Supersession Parts: ?
PART # MADE FOR MANUFACTURED BY

- OE Interchange Parts: ?
PART # MADE FOR MANUFACTURED BY

Save Report

Become more Profitable, Competent, and Confident by knowing all the TPMS systems in the market today.

SENSORS

Domestic & Import



Alligator Sens.it								
Frequency/Platform	Myers Sensor Part#	Myers Service Kit Part#	Dill Service Kit Part#	Schrader Service Pack Part#	31 Inc. Service Kit Part#	NAPA Service Kit Part#	Torque: in-lbs. (Nm)	
315Mhz Clamp-in Sensor	21192	21106-w/o valve 21194-valve	1090K-w/o valve 1092-valve	20023-w/o valve 20037-valve	17-20211AK-w/o valve 17-50340-valve	92-0261AK-w/o valve 92-0170-valve	35(4)	
433Mhz Clamp-in Sensor	21187	21106-w/o valve 21194-valve	1090K-w/o valve 1092-valve	20023-w/o valve 20037-valve	17-20211AK-w/o valve 17-50340-valve	92-0261AK-w/o valve 92-0170-valve	35(4)	
315Mhz Snap-in Sensor	21195	21195	N/A	N/A	N/A	N/A	N/A	
Additional Available Components						Accessory Stems	Myers Part#	Torque
						Black Clamp-in Valve	21183	35(4)
						Grey Clamp-in Valve	21197	35(4)
						Chrome Clamp-in Valve	21184	35(4)

Continental REDI Sensor								
Frequency/Platform	Dill Sensor Part#	Dill Service Kit Part#	Myers Sensor Part#	Myers Service Kit Part#	31 Inc. Service Kit Part#	NAPA Service Part#	NAPA Service Kit Part#	Torque: in-lbs. (Nm)
315Mhz Clamp-in Sensor (Domestic)	7001	7020K-w/o valve VS70-valve	21630	21111-w/o valve 21117-valve	17-20720AK-w/o valve	92-3301	92-3312-w/o valve	71(8)
315Mhz Clamp-in Sensor (Import)	7002	7020K-w/o valve VS70-valve	21632	21111-w/o valve 21117-valve	17-20720AK-w/o valve	92-3303	92-3312-w/o valve	71(8)
433Mhz Clamp-in Sensor	7004	7020K-w/o valve VS70-valve	21631	21111-w/o valve 21117-valve	17-20720AK-w/o valve	92-3302	92-3312-w/o valve	71(8)
315Mhz Snap-in Sensor	7001-R	VS80	21633	N/A	N/A	N/A	N/A	35(4)

Schrader EZ-Sensor								
Frequency/Platform	Schrader Sensor Part#	Schrader Service Pack Part#	Dill Service Kit Part#	Myers Sensor Part#	Myers Service Kit Part#	31 Inc. Service Kit Part#	NAPA Service Kit Part#	Torque: in-lbs. (Nm)
315Mhz	33000	20008	VS950	21620	21060	17-20008	92-0145	11.5(1.3)
433Mhz	33100	20008	VS950	21622	21060	17-20008	92-0145	11.5(1.3)
Clamp-in Service Kit Option		20014-w/o valve 34000-valve	2030K-w/o valve VS925A-valve*		21621-valve	17-20014AK-w/o valve	92-0210-w/o valve	11.5 (1.3) torx bolt 62(7) hex nut*

*Torque sensor nut on Dill Part# VS925A to 35 inch-pounds



Xtra-Seal Smart Sensor Pro+			
Frequency/Platform	31Inc. Sensor Part#	31Inc. Service Kit Part#	Torque: in-lbs.(Nm)
315Mhz	17-43013	17-41051	35(4)
433Mhz	14-43014	17-41051	35(4)
Additional Available Components	Accessory Stem	31Inc. Part#	Torque
	Black Stem Kit	17-41052	35(4)

Orange Electronic Simple Sensor						
Orange Electronic Sensor Part#	Dill Service Kit Part#	Myers Service Kit Part#	Schrader Service Pack Part#	31 Inc. Service Kit Part#	NAPA Service Kit Part#	Torque: in-lbs.(Nm)
SP101	1090K w/o valve 1094-valve	21106 w/o valve 21079-valve	20023 w/o valve 20037-valve	17-20211AK w/o valve 17-50340-valve	92-0261 w/o valve 92-0170-valve	35(4)
SP102	1090K w/o valve 1094-valve	21106 w/o valve 21079-valve	20023 w/o valve 20037-valve	17-20211AK w/o valve 17-50340-valve	92-0261 w/o valve 92-0170-valve	35(4)
SP103	1090K w/o valve 1094-valve	21106 w/o valve 21079-valve	20023 w/o valve 20037-valve	17-20211AK w/o valve 17-50340-valve	92-0261 w/o valve 92-0170-valve	35(4)
SP104	1090K w/o valve 1094-valve	21106 w/o valve 21079-valve	20023 w/o valve 20037-valve	17-20211AK w/o valve 17-50340-valve	92-0261 w/o valve 92-0170-valve	35(4)

Oro-Tek iORO Sensor						
iORO Sensor Part#	Dill Service Kit Part#	Myers Service Kit Part#	Schrader Service Pack Part#	31 Inc. Service Kit Part#	NAPA Service Kit Part#	Torque: in-lbs.(Nm)
OTI-001A	1100K	21029	20032	17-20216AK	92-0215	35(4)
OTI-002	1100K	21029	20032	17-20216AK	92-0215	
OTI-003	1100K	21029	20032	17-20216AK	92-0215	
Additional Available Components				Accessory Stems	Oro-Tek Part#	Torque
				Bright Finish	OSC-9999	35(4)
				Black Finish	OSC-9999B	35(4)
				Service Kit	OSC-9997	35(4)
				Bright Cap	OSC-9998	



Tire Industry Association

Import Vehicle

TPMS Relearn Chart

Through Model Year 2012

WORKING FOR THE INDUSTRY.
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IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Acura																							
CSX	2008-11	Only When Replacing Sensor			HON-1	TRW	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
MDX	2004-06	Auto Relearn			AC-1	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1177	92-0246	HOS3VA04	OPA-S3VA		80(108)		
						Universal						21192	21194	17-43013	17-41051			SP104					
MDX	2007-12	Auto Relearn			AC-1	Pacific	42753-STK-A04	20098	20032	1209	1100K	21054	21029	17-30316	17-20216AK	92-1141	92-0215	HOSTKA03	OPA-STKA	35(4)	94(127)		
						Universal						21192	21194	17-43013	17-41051			SP103					
RDX	2007-12	Auto Relearn			AC-1	Pacific	42753-STK-A04	20098	20032	1209	1100K	21054	21029	17-30316	17-20216AK	92-1141	92-0215	HOSTKA03	OPA-STKA	35(4)	80(108)		
						Universal						21192	21194	17-43013	17-41051			SP103					
RL	2005-08	Auto Relearn			AC-1	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA03	OPA-S3VA	35(4)	94(127)		
						Universal						21192	21194	17-43013	17-41051			SP104					
RL	2009-12	Auto Relearn			AC-1	TRW	42753-SHJ-A53	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1177	92-0246	HOSHJA53	OPA-JA53	35(4)	94(127)		
						Universal						21192	21194	17-43013	17-41051			SP104					
TL	2006-08	Auto Relearn			AC-1	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1177	92-0246	HOS3VA04	OPA-S3VA		80(108)		
						Universal						21192	21194	17-43013	17-41051			SP104					
TL	2009-12	Auto Relearn			AC-1	TRW	42753-TK4-A01	20720	20019	1214	2040K	21142	21138	17-30503	17-20204AK	92-1121	92-0244		OTR-TK4A	35(4)	94(127)		
						Universal						21192	21194	17-43013	17-41051			SP104					
TSX	2007-08	Auto Relearn			AC-1	Pacific	42753-STK-A02	20098	20032	1220	1100K	21054	21029	17-30316	17-20216AK	92-1141	92-0215	HOSTKA03	OPA-STKA	35(4)	80(108)		
						Universal						21192	21194	17-43013	17-41051			SP103					
TSX	2009-12	Auto Relearn			AC-1	Pacific	42753-TL2-A52	20098	20032	1220	1100K	21054	21029	17-30316	17-20216AK	92-1181	92-0215	HOSTKA03	OPA-TL2A	35(4)	80(108)		
						Universal						21192	21194	17-43013	17-41051			SP103					
ZDX	2010-12	Auto Relearn			AC-1	TRW	42753-TK4-A01	20720	20019	1214	2040K	21142	21138	17-30503	17-20204AK	92-1121	92-0244		OTR-TK4A	35(4)	94(127)		
						Universal						21192	21194	17-43013	17-41051			SP104					
Audi																							
A3 (direct)	2006-12	✓	✓	✓	AU-1	Siemens	1K0907253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)	89(120)		
						Universal						21192	21194	17-43013	17-41051			SP101					
A3 (indirect)	2012	✓	✓	✓	AU-1															89(120)			
A4 & S4	2002-08	✓	✓	✓	AU-1	Beru	4F0907275B	20078	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK	92-1160	92-0261 w/o valve	BEA007	OBE-007	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079										
									Green 20038		Green 1093		Green 21078										
									Black 20039		Black 1094		Black 21077										
									Orange 20040		Orange 1095		Orange 21076										
Universal					21187	21194	17-43014	17-41051			SP102												
A4 & S4 (direct)	2009-12	✓	✓	✓	AU-1	Siemens	1K0907253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)	89(120)		
						Universal						21192	21194	17-43013	17-41051			SP101					
A4 & S4 (indirect)	2012	✓	✓	✓	AU-1															89(120)			
A5 & S5 (direct)	2008-12	✓	✓	✓	AU-5	Siemens	1K0907253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)	89(120)		
						Universal						21192	21194	17-43013	17-41051			SP101					
A5 & S5 (indirect)	2012	✓	✓	✓	AU-5															89(120)			

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Audi (continued)																							
A6 (315Mhz)	2002-04	✓	✓	✓	AU-2	Beru	4D0907275A	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261w/o valve	BEB004	OBE-004	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal					SP101																		
A6 & S6 (433mhz)	2005-09	✓	✓	✓	AU-2	Beru	4F0907275B	20078	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK w/o valve	92-1160	92-0261w/o valve	BEA007	OBE-007	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 2003		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			21187	21194	17-43014	17-41051			SP102														
A6 (Indirect)	2009-12	✓	✓	✓	AU-2																89(120)		
A6 & S6 (433Mhz)	2010-12	✓	✓	✓	AU-2	Beru	4F0907275D	20103	20023 w/o valve	9011	1090K w/o valve	21149	21106 w/o valve	17-30109	17-20211AK w/o valve	92-1160	92-0261w/o valve	BEA008	OBE-011	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			21187	21194					SP102														
Allroad (315Mhz)	2001-05	✓	✓	✓	AU-2	Beru	4D0907275A	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261w/o valve	BEB004	OBE-004	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal					SP101																		
A6 Allroad (433Mhz)	2001-06	✓	✓	✓	AU-2	Beru	4D0907275C	20077	20023 w/o valve	9001	1090K w/o valve	21026	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1151	92-0261w/o valve	BEA001	OBE-001	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal					SP102																		
A6 Allroad (433Mhz)	2007-09	✓	✓	✓	AU-2	Beru	4F0907275B	20078	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK w/o valve	92-1160	92-0261w/o valve	BEA007	OBE-007	35(4)	35(4)	89(120)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			21187	21194	17-43014	17-41051			SP102														

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDi Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDi Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					

Audi (continued)

RS4	2007-08	✓	✓	✓	AU-1	Beru	4F0907275B	20078	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK w/o valve	92-1160	92-0261w/o valve	BEA007	OBE-007	35(4)	35(4)	89(120)				
									Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
									Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
									Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
									Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal					21187	21194	17-43014	17-41051			SP102															
RS6 (315Mhz)	2001-05	✓	✓	✓	AU-1	Beru	4D0907275A	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261w/o valve	BEB004	OBE-004	35(4)	35(4)	89(120)				
									Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
									Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
									Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
									Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																SP101										
RS6 (433Mhz)	2003-04	✓	✓	✓	AU-1	Beru	4D0907275C	20077	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1151	92-0261w/o valve	BEA001	OBE-001	35(4)	35(4)	89(120)				
									Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
									Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
									Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
									Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																SP102										
TT	2008-12	✓	✓	✓	AU-1	Siemens	1K0907253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			118(160)			
						Universal																				
TT (indirect)	2009-12	✓	✓	✓	AU-1																			118(160)		

BMW

1 Series	2007-10	✓	✓	✓	BMW-1	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)				
									Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
									Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
									Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
									Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal					21187	21194	17-43014	17-41051			SP102	OTI-002														
1 Series September 2010	2011-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-008 (MY2011) OBE-012 (MY2012)	35(4)	35(4)	88(119)				
									Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
									Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
									Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
									Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal							17-43014	17-41051			SP102	OTI-002														
3 Series (315Mhz)	2000-02	✓	✓	✓	BMW-1	Beru	36118378681	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1148	92-0261w/o valve	BEA004	OBE-004	35(4)	35(4)	88(119)				
									Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
									Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
									Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
									Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																SP101										

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
BMW (continued)																							
3 Series (433Mhz)	2000-06	✓	✓	✓	BMW-1	Beru	36118378682	20080	20023 w/o valve	9002	1090K w/o valve	21023	21106 w/o valve	17-30104	17-20211AK w/o valve	92-1080	92-0261w/o valve	BEA001	OBE-008	35(4)	35(4)	88(119)	
									Silver 20037				Silver 1092				Green 21078						Green 17-50342
								Green 20038				Black 21077					Black 17-50344						
								Black 20039				Orange 21076					Orange 17-50346						
						Universal							17-43014	17-41051			SP102	OTI-002					
3 Series (433Mhz)	2007-09	✓	✓	✓	BMW-1	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)	
									Silver 20037				Silver 1092				Green 21078						Green 17-50342
								Green 20038				Black 21077					Black 17-50344						
								Black 20039				Orange 21076					Orange 17-50346						
						Universal						21187	21194	17-43014	17-41051		SP102	OTI-002					
3 Series (433Mhz) September 2009	2010-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	88(119)	
									Silver 20037				Silver 1092				Green 21078						Green 17-50342
								Green 20038				Black 21077					Black 17-50344						
								Black 20039				Orange 21076					Orange 17-50346						
						Universal							17-43014	17-41051			SP102	OTI-002					
5 Series (315Mhz)	2000-02	✓	✓	✓	BMW-1	Beru	36118378681	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1148	92-0261w/o valve	BEA004	OBE-004	35(4)	35(4)	88(119)	
									Silver 20037				Silver 1092				Green 21078						Green 17-50342
								Green 20038				Black 21077					Black 17-50344						
								Black 20039				Orange 21076					Orange 17-50346						
						Universal											SP101						
5 Series (433Mhz)	2002-05	✓	✓	✓	BMW-1	Beru	36118378682	20080	20023 w/o valve	9002	1090K w/o valve	21023	21106 w/o valve	17-30104	17-20211AK w/o valve	92-1080	92-0261w/o valve	BEA001	OBE-008	35(4)	35(4)	88(119)	
									Silver 20037				Silver 1092				Green 21078						Green 17-50342
								Green 20038				Black 21077					Black 17-50344						
								Black 20039				Orange 21076					Orange 17-50346						
						Universal							17-43014	17-41051			SP102	OTI-002					
5 Series (433Mhz)	2006-11	✓	✓	✓	BMW-1	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)	
									Silver 20037				Silver 1092				Green 21078						Green 17-50342
								Green 20038				Black 21077					Black 17-50344						
								Black 20039				Orange 21076					Orange 17-50346						
						Universal						21187	21194	17-43014	17-41051		SP102	OTI-002					

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
BMW (continued)																							
5 Series (433Mhz) September 2010	2011-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve Silver 20037 Green 20038 Black 20039 Orange 20040	9012	1090K w/o valve Silver 1092 Green 1093 Black 1094 Orange 1095	21006	21106 w/o valve Silver 21079 Green 21078 Black 21077 Orange 21076	17-30110	17-20211AK w/o valve Silver 17-50340 Green 17-50342 Black 17-50344 Orange 17-50346	92-1253	92-0261w/o valve Silver 92-0170 Green 92-0175 Black 92-1142 Orange 92-1143	BEA012	OBE-012	35(4)	35(4)	88(119)	
						Universal							17-43014	17-41051			SP102	OTI-002					
6 Series (433Mhz)	2006-10	✓	✓	✓	BMW-1	Beru	36236781847	20083	20023 w/o valve Silver 20037 Green 20038 Black 20039 Orange 20040	1027	1090K w/o valve Silver 1092 Green 1093 Black 1094 Orange 1095	21006	21106 w/o valve Silver 21079 Green 21078 Black 21077 Orange 21076	17-30105	17-20211AK w/o valve Silver 17-50340 Green 17-50342 Black 17-50344 Orange 17-50346	92-1130	92-0261w/o valve Silver 92-0170 Green 92-0175 Black 92-1142 Orange 92-1143	BEA008	OBE-008	35(4)	35(4)	103(140)	
						Universal						21187	21194	17-43014	17-41051			SP102	OTI-002				
6 Series (433Mhz)	2011-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve Silver 20037 Green 20038 Black 20039 Orange 20040	9012	1090K w/o valve Silver 1092 Green 1093 Black 1094 Orange 1095	21006	21106 w/o valve Silver 21079 Green 21078 Black 21077 Orange 21076	17-30110	17-20211AK w/o valve Silver 17-50340 Green 17-50342 Black 17-50344 Orange 17-50346	92-1253	92-0261w/o valve Silver 92-0170 Green 92-0175 Black 92-1142 Orange 92-1143	BEA012	OBE-012	35(4)	35(4)	103(140)	
						Universal																	
7 Series (315Mhz)	2000-01	✓	✓	✓	BMW-1	Beru	36118378681	20079	20023 w/o valve Silver 20037 Green 20038 Black 20039 Orange 20040	9004	1090K w/o valve Silver 1092 Green 1093 Black 1094 Orange 1095	21021	21106 w/o valve Silver 21079 Green 21078 Black 21077 Orange 21076	17-30102	17-20211AK w/o valve Silver 17-50340 Green 17-50342 Black 17-50344 Orange 17-50346	92-1148	92-0261w/o valve Silver 92-0170 Green 92-0175 Black 92-1142 Orange 92-1143	BEA004	OBE-004	35(4)	35(4)	103(140)	
						Universal																	
7 Series (433Mhz)	2002-05	✓	✓	✓	BMW-1	Beru	36118378682	20080	20023 w/o valve Silver 20037 Green 20038 Black 20039 Orange 20040	9002	1090K w/o valve Silver 1092 Green 1093 Black 1094 Orange 1095	21023	21106 w/o valve Silver 21079 Green 21078 Black 21077 Orange 21076	17-30104	17-20211AK w/o valve Silver 17-50340 Green 17-50342 Black 17-50344 Orange 17-50346	92-1080	92-0261w/o valve Silver 92-0170 Green 92-0175 Black 92-1142 Orange 92-1143	BEA001	OBE-008	35(4)	35(4)	103(140)	
						Universal																	
7 Series (433Mhz)	2006-10	✓	✓	✓	BMW-1	Beru	36236781847	20083	20023 w/o valve Silver 20037 Green 20038 Black 20039 Orange 20040	1027	1090K w/o valve Silver 1092 Green 1093 Black 1094 Orange 1095	21006	21106 w/o valve Silver 21079 Green 21078 Black 21077 Orange 21076	17-30105	17-20211AK w/o valve Silver 17-50340 Green 17-50342 Black 17-50344 Orange 17-50346	92-1130	92-0261w/o valve Silver 92-0170 Green 92-0175 Black 92-1142 Orange 92-1143	BEA008	OBE-008	35(4)	35(4)	103(140)	
						Universal																	

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
BMW (continued)																							
7 Series (433Mhz)	2011-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	103(140)	
						Universal																	
Alpina	2004-08 2011	✓	✓	✓	BMW-1	Beru	36118378682	20080	20023 w/o valve	9002	1090K w/o valve	21023	21106 w/o valve	17-30104	17-20211AK w/o valve	92-1080	92-0261w/o valve	BEA001	OBE-008	35(4)	35(4)	88(119) MY2011=103(140)	
						Universal																	
Alpina	2012	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	103(140)	
						Universal																	
M3 (315Mhz)	2001-02	✓	✓	✓	BMW-2	Beru	36118378681	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1148	92-0261w/o valve	BEA004	OBE-004	35(4)	35(4)	88(119)	
						Universal																	
M3 (433Mhz)	2001-02	✓	✓	✓	BMW-2	Beru	36118378682	20080	20023 w/o valve	9002	1090K w/o valve	21023	21106 w/o valve	17-30104	17-20211AK w/o valve	92-1080	92-0261w/o valve	BEA001	OBE-008	35(4)	35(4)	88(119)	
						Universal																	
M Series	2003-10	✓	✓	✓	BMW-2	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119) M6=103(140)	
						Universal																	

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
BMW (continued)																							
M Series	2011-12	✓	✓	✓	BMW-2	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	88(119)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			17-43014	17-41051		SP102	OTI-002																
X1	2012	✓	✓	✓	BMW-2	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	88(119)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			17-43014	17-41051		SP102	OTI-002																
X3	2006-10	✓	✓	✓	BMW-2	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			21187	21194	17-43014	17-41051		SP102	OTI-002														
X3	2011-12	✓	✓	✓	BMW-2	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	88(119)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			17-43014	17-41051		SP102	OTI-002																
X5	2001-04	✓	✓	✓	BMW-2	Beru	36146752128	28082	20023 w/o valve	9003	1090K w/o valve	21024	21106 w/o valve	17-30106	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA001		35(4)	35(4)	103(140)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			17-43014	17-41051		SP102																	
X5 (Indirect)	2002-05	✓	✓	✓	BMW-2																	103(140)	
X5	2005-10	✓	✓	✓	BMW-2	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	103(140)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			21187	21194	17-43014	17-41051		SP102	OTI-002														

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
BMW (continued)																							
X5	2011-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	103(140)	
						Universal																	
X6	2008-10	✓	✓	✓	BMW-2	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	103(140)	
						Universal																	
X6	2011-12	✓	✓	✓	BMW-1	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	103(140)	
						Universal																	
Z Series (315Mhz)	2002-03	✓	✓	✓	BMW-1	Beru	36118378681	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1148	92-0261w/o valve	BEA004	OBE-004	35(4)	35(4)	88(119)	
						Universal																	
Z Series (433Mhz)	2002-05	✓	✓	✓	BMW-1	Beru	36236781847 36236779490	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)	
						Universal																	
Z Series (433Mhz)	2006-10	✓	✓	✓	BMW-2	Beru	36236781847	20083	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)	
						Universal																	

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
BMW (continued)																							
Z Series (433Mhz)	2011-12	✓	✓	✓	BMW-2	Beru	36106790054	28081	20023 w/o valve	9012	1090K w/o valve	21006	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261w/o valve	BEA012	OBE-012	35(4)	35(4)	88(119)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			17-43014	17-41051		SP102	OTI-002																
Fiat																							
500	2011-12	Auto Relearn			CHR-2	Schrader	56029398AB	20398	20018	9398	VS950	21182	21060	17-20398	17-20018	92-1161	92-0145	SC9398	OSC-8214	11.5	75(102) 63(85)w/ stl whl		
						Universal						21187	21194	17-43014	17-41051								
Honda																							
Accord	2008-12	Only When Replacing Sensor			HON-1	Pacific	42753-SWA-316	20099	20032	1208	1100K	21141	21029	17-30305	17-20216AK	92-1164	92-0215	HOSWA306	OPA-SWA3	35(4)	80(108)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-003				
Accord Crosstour	2010-12	Only When Replacing Sensor			HON-1	Continental	42753-TP6-A82	20100		5511	7020K		21111		17-20720AK	92-1188	92-3312			71(8)	80(108)		
						Universal				7002	7020K			17-43013	17-41051	92-3303	92-3312						
Civic	2008-11	Only When Replacing Sensor			HON-1	TRW '08-11	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)	80(108)		
	2012					TRW '12	42753-TR0-A81																
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
CR-V (steel whls) CR-V (alloy whls)	2007-11	Only When Replacing Sensor			HON-1	Pacific	42753-SWA-315		20032	1208	1100K	21141	21029	17-30305	17-20216AK	92-1163	92-0215	HOSWA305	OPA-SWA3	35(4)	80(108)		
	2007-11					Pacific	42753-SWA-316	20099	20032	1208	1100K	21141	21029	17-30305	17-20216AK	92-1164	92-0215	HOSWA306	OPA-SWA3	35(4)			
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-003				
CR-V	2012	Only When Replacing Sensor			HON-1	Continental	42753-TP6-A82	20100		5511	7020K		21111		17-20720AK	92-1188	92-3312			71(8)	80(108)		
						Universal				7002	7020K			17-43013	17-41051	92-3303	92-3312						
CR-Z	2011-12	Only When Replacing Sensor			HON-1	TRW	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)	80(108)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Element	2006-08	Only When Replacing Sensor			HON-1	TRW	06421-SCV-A00	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21130	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1165	92-0246	HY1FA00	OSE-5903 (06-'07) OSE-JA82 (08)	35(4)	80(108)		
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Element	2009-11	Only When Replacing Sensor			HON-1	TRW	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)	80(108)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Fit	2008	Only When Replacing Sensor			HON-1	Pacific	42753-SWA-316	20099	20032	1208	1100K	21141	21029	17-30305	17-20216AK	92-1164	92-0215	HOSWA306	OPA-SWA3	35(4)	80(108)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-003				
Fit	2009-12	Only When Replacing Sensor			HON-1	TRW	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)	80(108)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Insight	2010-12	Only When Replacing Sensor			HON-1	TRW	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)	80(108)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Odyssey EX, EX-L, LX	2006-07	Only When Replacing Sensor			HON-1	TRW	06421-SCV-A00	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21130	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1165	92-0246	HY1FA00	OPA-S3VA	35(4)	94(127)		
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Odyssey EX, EX-L, LX	2008-10	Only When Replacing Sensor			HON-1	TRW	42753-SHJ-A82		20019		2040K		21138		17-20204AK	92-1165	92-0246	HOSHJA82	OSE-JA53	35(4)	94(127)		
						Adjustable Angle After-market Replacement	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21130	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1165	92-0246							
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDi Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDi Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Honda (continued)																							
Odyssey Touring	2005-07	Auto Relearn	HON-2	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA04		35(4)			94(127)		
				Universal						21192	21194	17-43013	17-41051			SP104							
Odyssey Touring	2008-10	Auto Relearn	HON-2	TRW	42753-SHJ-A53		20019		2040K		21138		17-20204K	92-1180	92-0244	HOSHJA53		35(4)			94(127)		
				Adjustable Angle Aftermarket Replacement	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246			SP104						
Odyssey (all sub-models)	2011-12	Only When Replacing Sensor	HON-1	TRW	42753-SNA-A83	28720	20019	1212	2040K	28720	21138	17-30503	17-20204AK	92-1168	92-0244	HOSNAA83	OPA-SNAA	35(4)			94(127)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104							
Pilot (alloy whls)	2005	Auto Relearn	HON-2	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA04	OPA-S3VA	35(4)			80(108)		
				Universal							21192	21194	17-43013	17-41051			SP103						
Pilot (steel whls)	2005	Auto Relearn	HON-2	TRW	06421-S9V-A03	28982	20021 (20035 valve)	1059	2000K (1097 valve)	21128	21032 (20036 valve)	17-30504	17-20206AK (17-20036AK valve)	92-1025	92-0246	HOS9VA03	OPA-S3VA	35(4)			80(108)		
				Universal							21192	21194	17-43013	17-41051			SP104						
Pilot	2006-08	Auto Relearn	HON-2	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA04	OPA-S3VA	35(4)			80(108)		
				Universal							21192	21194	17-43013	17-41051			SP104						
Pilot (alloy whls)	2009-12	Only When Replacing Sensor	HON-1	Pacific	42753-STK-A03	20098	20032	1209	1100K	21054	21029	17-30301	17-20216AK	92-1141	92-0215	HOSHJA53	OPA-STKA	35(4)			94(127)		
				Universal							21192	21194	17-43013	17-41051			SP104						
Pilot (steel whls)	2009-12	Only When Replacing Sensor	HON-1	Pacific	42753-SZA-A12		20032	1219	1100K		21029			92-1141	92-0215	HOSHJA53	OPA-STKA	35(4)			94(127)		
				Universal							21192	21194	17-43013	17-41051			SP103						
Ridgeline RT	2006-08	Auto Relearn	HON-2	TRW	06421-S9V-A03	28982	20021 (20035 valve)	1059	2000K (1097 valve)	21128	21032 (20036 valve)	17-30504	17-20206AK (17-20036AK valve)	92-1025	92-0246	HOS9VA03	OPA-S3VA	35(4)			94(127)		
				Universal							21192	21194	17-43013	17-41051			SP104						
Ridgeline RTL, RTS, RTX	2006-08	Auto Relearn	HON-2	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA04	OPA-S3VA	35(4)			94(127)		
				Universal							21192	21194	17-43013	17-41051			SP104						
Ridgeline (alloy whls)	2009-11	Auto Relearn	HON-2	TRW	42753-SHJ-A53		20019		2040K		21138		17-20204K	92-1180	92-0244	HOSHJA53		35(4)			94(127)		
				Adjustable Angle Aftermarket Replacement	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246			SP104						
Ridgeline (steel whls)	2009-11	Auto Relearn	HON-2	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA04	OPA-S3VA	35(4)			94(127)		
				Universal							21192	21194	17-43013	17-41051			SP104						
Ridgeline	2012	Auto Relearn	HON-2	TRW	06421-S3V-A04	28981	20021 (20036 valve)	1057	2000K (1096 valve)	21128	21032 (20036 valve)	17-28981	17-20206AK (17-20036AK valve)	92-1169	92-0246	HOS3VA04	OPA-S3VA	35(4)			94(127)		
				Universal							21192	21194	17-43013	17-41051			SP104						
S2000	2008-09	Only When Replacing Sensor	HON-1	Pacific	42753-S2A-315		20032	1208	1100K		21029	17-30303	17-20216AK	92-1167	92-0215	HOS2A315	OPA-S2A3	35(4)			80(108)		
				Universal		33000	34000	7002	7020K			17-43013	17-41051	92-3303	92-3312	SP103							
Hyundai																							
Accent (lo-line)	2006-07	Only When Replacing Sensor	HYN-1	TRW	52933-1F000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21130	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1165	92-0246	HY1FA00		35(4)			80(108)		
				Universal							7002	7020K				92-3303	92-3312	SP104					
Accent (lo-line)	2008-11	Only When Replacing Sensor	HYN-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)			80(108)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003						
Accent	2012	Only When Replacing Sensor	HYN-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)			80(108)		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Hyundai (continued)																							
Azera	2007-12	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103					
Elantra (non-touring)	2007-10	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032		17-20206AK	92-1137	92-0246	HY2G200	OBE-G200	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103					
Elantra (non-touring)	2011-12	Only When Replacing Sensor			HYN-1	TRW	52933-3X200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OTR-X200	35(4)		80(108)	
						Universal				7002	7020K	21192	21194			92-3303	92-3312	SP103	OTI-003				
Elantra (Touring)	2009-12	Only When Replacing Sensor			HYN-1	Continental	52933-2L700		20030	5507	1050K		21102		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)		80(108)	
						Schrader		20086	20021 (20036 valve)		2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)					35(4)			
						Universal		33000	34000	7001	7020K	21192	21194			92-3301	92-3312	SP101					
Entourage	2007-10	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-4D200	20085	20021 (20036 valve)	1028	2000K (1096 valve)	21557	21032 (20036 valve)	17-30201	17-20206AK (17-20036AK valve)	92-1135	92-0246	HY4D200	OBE-G200	35(4)		80(108)	
						Universal						21192	21194	17-43013	17-41051			SP103					
Equus (hi-line)	2011-12	Only When Replacing Sensor			HYN-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003				
Genesis (hi-line)	2009-12	Only When Replacing Sensor			HYN-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)		80(108)	
						Universal		33000	34000			21192	21194	17-43013	17-41051			SP104	OTI-003				
Genesis Coupe	2010-12	Only When Replacing Sensor			HYN-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)		80(108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101		35(4)			
Santa Fe (hi-line, thru July '07)	2007-08	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-4D200	20085	20021 (20036 valve)	1028	2000K (1096 valve)	21557	21032 (20036 valve)	17-30201	17-20206AK (17-20036AK valve)	92-1135	92-0246	HY4D200	OBE-D200	35(4)		80(108)	
						Universal						21192	21194	17-43013	17-41051			SP103					
Santa Fe (lo-line, thru Sept. '09)	2008-10	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103					
Sante Fe	2011-12	Only When Replacing Sensor			HYN-1	Lear	52933-0W100				VS1010				17-50399			HY2G200	OBE-G200		11		
						Aftermarket Replacement Sensor		20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246			35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103					
Sonata	2007-08	Only When Replacing Sensor			HYN-1	TRW	52933-3E000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21129	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1070	92-0246	HY1FA00	OSE-5903	35(4)		80(108)	
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Sonata (Lo-Line, built late '08, fixed-angle)	2008-10	Only When Replacing Sensor			HYN-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003				
Sonata	2011-12	Only When Replacing Sensor			HYN-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)		80(108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101		35(4)			
Tiburon	2007-08	Only When Replacing Sensor			HYN-1	TRW	52933-3E000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21129	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1070	92-0246	HY1FA00	OSE-5903	35(4)		80(108)	
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Tucson	2007-10	Only When Replacing Sensor			HYN-1	TRW	52933-3E000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21129	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1070	92-0246	HY1FA00	OSE-5903	35(4)		80(108)	
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Tucson	2010-12	Only When Replacing Sensor			HYN-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)		80(108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003				

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)


IMPORT VEHICLES																								
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)				
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut ¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)						
Hyundai (continued)																								
Veloster	2012-13	Only When Replacing Sensor			HYN-1	Schrader	52933-2V000	28505	20008		VS950		21060		17-20008		92-0145				11.5			80(108)
Veracruz (hi-line)	2006-08	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-4D200	20085	20021 (20036 valve)	1028	2000K (1096 valve)	21557	21032 (20036 valve)	17-30201	17-20206AK (17-20036AK valve)	92-1135	92-0246	HY4D200	OBE-D200	35(4)				80(108)
						Universal					21192	21194	17-43013	17-41051			SP103							
Veracruz (lo-line)	2008-12	Only When Replacing Sensor			HYN-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)				80(108)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103						
Infiniti																								
EX35	2008	Only When Replacing Sensor			INF-1	Pacific	40700-JK00C	28210	20032	9204	1100K		21029	17-30307	17-20216AK	92-1038	92-0215	OEC-3	OSC-0064	49(5.5)-66(7.5)				80(108)
						Schrader					1080K	21074	20003		17-20028AK		92-0140							
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
EX35	2009-10	Only When Replacing Sensor			INF-1	Pacific	40700-JK00C	28210	20032	9204	1100K		21029		17-20216AK	92-1038	92-0215	OEC-3	OSC-8204	49(5.5)-66(7.5)				80(108)
						Schrader					2030K	21136	21037	17-28204	17-20014AK		92-0140							
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
EX35	2011-12	Only When Replacing Sensor			INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)				80(108)
						Universal						21192	21194											
FX35 (pre-June)	2003-07	Only When Replacing Sensor			INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)				80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
FX35 (post-June)	2007-10	Only When Replacing Sensor			INF-1	Schrader	40700-JA02B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)				80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
FX35	2011-12	Only When Replacing Sensor			INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)				80(108)
						Universal						21192	21194											
FX45 (pre-June)	2003-07	Only When Replacing Sensor			INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)				80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
FX45 (post-June)	2007-08	Only When Replacing Sensor			INF-1	Schrader	40700-JA02B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)				80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
FX50	2009-10	Only When Replacing Sensor			INF-1	Pacific	40700-JK00C	28210	20032	9204	1100K		21029	17-30307	17-20216AK	92-1038	92-0215	OEC-3	OSC-0064	49(5.5)-66(7.5)				80(108)
						Schrader					1080K	21074	20003		17-20028AK		92-0140							
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
FX50	2011-12	Only When Replacing Sensor			INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)				80(108)
						Universal						21192	21194											
G25	2011-12	Only When Replacing Sensor			INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)				80(108)
						Universal						21192	21194											
G35	2003-06	Only When Replacing Sensor			INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)				80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
G35 (coupe)	2007	Only When Replacing Sensor			INF-1	Schrader	40700-JA02B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)				80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							
G35 (sedan)	2007-08	Only When Replacing Sensor			INF-1	Pacific	40700-JK00C	28210	20032	9204	1100K		21029	17-30307	17-20216AK	92-1038	92-0215	OEC-3	OSC-0064	49(5.5)-66(7.5)				80(108)
						Schrader					1080K	21074	20003		17-20028AK		92-0140							
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Infiniti (continued)																							
G37	2008-10	Only When Replacing Sensor	INF-1	Pacific	40700-JK00C	28210	20032	9204	1100K		21029	17-30307	17-20216AK	92-1038	92-0215	OEC-3	OSC-0064	49(5.5)-66(7.5)		80(108)			
				Schrader			20003		1080K	21074	20003		17-20028AK		92-0140								
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312						SP101	OTI-003	
G37	2011-12	Only When Replacing Sensor	INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)		80(108)			
				Universal						21192	21194												
M35	2006-07	Only When Replacing Sensor	INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)		80(108)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
M35	2008-10	Only When Replacing Sensor	INF-1	Schrader	40700-1AA0C	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		80(108)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
M35h	2012	Only When Replacing Sensor	INF-1	Schrader	40700-1AA0C	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		80(108)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
M37	2011-12	Only When Replacing Sensor	INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)		80(108)			
				Universal						21192	21194												
M45	2003-07	Only When Replacing Sensor	INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)		80(108)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
M45	2008-10	Only When Replacing Sensor	INF-1	Schrader	40700-1AA0C	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		80(108)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
M56	2011-12	Only When Replacing Sensor	INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)		80(108)			
				Universal						21192	21194												
Q45 (pre-July)	2003-06	Only When Replacing Sensor	INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)		72-87 (98-118) 2006MY: 94(127)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
Q45 (post-Aug)	2006	Only When Replacing Sensor	INF-1	Schrader	40700-JA02B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		94(127)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
QX4	2003	Only When Replacing Sensor	INF-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20028AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)		87-108 (118-146)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
QX56 (alloy whls)	2004-07	Only When Replacing Sensor	INF-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3		49(5.5)-66(7.5)		98(133)			
				Universal		33000	34000	7001	7020K	21192	21194	17-41010	17-41051	92-3301	92-3312	SP101							
QX56 (steel whls)	2005-06	Only When Replacing Sensor	INF-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3		49(5.5)-66(7.5)		98(133)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							
QX56 (post-April)	2007-10	Only When Replacing Sensor	INF-1	Schrader	40700-JA02B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1038	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		98(133)			
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
QX56	2011-12	Only When Replacing Sensor	INF-1	Pacific	40700-1LA0C		20032	1216	1100K		21029		17-20216AK	92-1110	92-0215		OPA-LA04	49(5.5)-66(7.5)		98(133)			
				Universal						21192	21194												

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
ISUZU																							
Ascender	2006-08		✓	✓	ISZ-1	Schrader	8257740060	20116	20004	9116	1070K	21083	20004	17-20116	17-20107AK	92-1003	92-0125	SC4006	OSC-0116	62(7)			100(140)
						Universal					7001	7020K	21192	21194	17-41010	17-41051	92-3301	92-3312	SP101	OTI-003			
i-290	2007-08		✓	✓	ISZ-1	Schrader	8151226180	20131	20006	9131	1110K	21071	21030	17-20131	17-20006AK	92-1111	92-0215	SC2618	OSC-0131	62(7)			100(140)
						Universal		33000	34000				21192	21194	17-41010	17-41051			SP101				
i-370	2007-08		✓	✓	ISZ-1	Schrader	8151226180	20131	20006	9131	1110K	21071	21030	17-20131	17-20006AK	92-1111	92-0215	SC2618	OSC-0131	62(7)			100(140)
						Universal		33000	34000				21192	21194	17-41010	17-41051			SP101				
Rodeo 	2004		✓	✓	ISZ-2	Schrader	52088990AC	20028	20003	9028	1080K	21080	20003	17-20028	17-20028AK	92-1112	92-0140	OEC-4		35(4)			Steel 65(88) Alloy 87(118)
						Universal		33100	34000	7004	7020K				17-41020	17-41051	92-3302	92-3312	SP102				
Jaguar																							
S (315Mhz)	2007-08	Auto Relearn			JAG-1	Siemens	C2Z15017	20090	20030	1055	1050K	21016	21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-3001	71(8)			95(129)
						Universal							21192	21194	17-43013	17-41051			SP-101				
S (433Mhz)	2007-08	Auto Relearn			JAG-1	Siemens	C2Z15016	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150			71(8)			95(129)
						Universal									17-43014	17-41051							
Vanden Plas (315Mhz)	2004-09	Auto Relearn			JAG-1	Siemens	C2C25519	20090	20030	1055	1050K	21016	21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-3001	71(8)			75(102)
						Universal							21192	21194	17-43013	17-41051			SP-101				
Vanden Plas (433Mhz)	2004-09	Auto Relearn			JAG-1	Siemens	C2S40710	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150			71(8)			75(102)
						Universal									17-43014	17-41051							
XF (315Mhz)	2009-10	Auto Relearn			JAG-1	Siemens	C2C40476	20090	20030	1055	1050K	21016	21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-3001	71(8)			95(129)
						Universal							21192	21194	17-43013	17-41051			SP-101				
XF (315Mhz)	2010-12	Auto Relearn			JAG-1	Continental	C2Z15017			1055	7020K	21016	21111		17-20720AK		92-3312			71(8)			95(129)
						Siemens		20090	20030						17-30407	17-20201AK	92-1140	92-0150					
						Universal							21192	21194	17-43013	17-41051			SP-101				
XF (433Mhz)	2009-10	Auto Relearn			JAG-1	Siemens	C2S40710	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150			71(8)			95(129)
						Universal									17-43014	17-41051							
XF (433Mhz)	2010-12	Auto Relearn			JAG-1	Continental	C2Z15016			1046	7020K	21102	21111		17-20720AK		92-3312			71(8)			95(129)
						Siemens		20091	20030						17-30408	17-20201AK	92-1251	92-0150					
						Universal										17-43014	17-41051						
XFR (315Mhz)	2012	Auto Relearn			JAG-1	Continental	C2Z15017			1055	7020K	21016	21111		17-20720AK		92-3312	OEC-5		71(8)			95(129)
						Siemens		20090	20030						17-30407	17-20201AK	92-1140	92-0150					
						Universal							21192	21194	17-43013	17-41051			SP-101				
XFR (433Mhz)	2012	Auto Relearn			JAG-1	Continental	C2Z15016			1046	7020K	21102	21111		17-20720AK		92-3312			71(8)			95(129)
						Siemens		20091	20030						17-30408	17-20201AK	92-1251	92-0150					
						Universal										17-43014	17-41051						
XJ (315Mhz)	2004-10	Auto Relearn			JAG-1	Siemens	C2Z15017	20090	20030	1055	1050K	21016	21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-3001	71(8)			95(129)
						Universal							21192	21194	17-43013	17-41051			SP-101				
XJ (315Mhz)	2010-12	Auto Relearn			JAG-1	Continental	C2Z15017			1055	7020K	21016	21111		17-20720AK		92-3312			71(8)			95(129)
						Siemens		20090	20030						17-30407	17-20201AK	92-1140	92-0150					
						Universal							21192	21194	17-43013	17-41051			SP-101				
XJ (433Mhz)	2004-10	Auto Relearn			JAG-1	Siemens	C2Z15016	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150			71(8)			95(129)
						Universal									17-43014	17-41051							
XJ (433Mhz)	2010-12	Auto Relearn			JAG-1	Continental	C2Z15016			1046	7020K	21102	21111		17-20720AK		92-3312			71(8)			95(129)
						Siemens		20091	20030						17-30408	17-20201AK	92-1251	92-0150					
						Universal										17-43014	17-41051						

 = Magnetically activated sensors

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Jaguar (continued)																							
XK (315Mhz)	2005-10	Auto Relearn	JAG-1	Siemens	C2Z15017	20090	20030	1055	1050K	21016	21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-3001	71(8)			95(129)		
				Universal								21192	21194	17-43013	17-41051			SP-101					
XK (315Mhz)	2010-12	Auto Relearn	JAG-1	Continental	C2Z15017			1055	7020K	21016	21111		17-20720AK		92-3312	OEC-5		71(8)			95(129)		
				Siemens		20090	20030		1050K			17-30407	17-20201AK	92-1140	92-0150								
				Universal								21192	21194	17-43013	17-41051			SP-101					
XK (433Mhz)	2007-10	Auto Relearn	JAG-1	Siemens	C2Z15016	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150				71(8)		95(129)		
				Universal										17-43014	17-41051								
XK (433Mhz)	2010-12	Auto Relearn	JAG-1	Continental	C2Z15016			1046	7020K	21102	21111		17-20720AK		92-3312				71(8)		95(129)		
				Siemens		20091	20030		1050K			17-30408	17-20201AK	92-1251	92-0150								
				Universal										17-43014	17-41051								
XKR (315Mhz)	2012	Auto Relearn	JAG-1	Continental	C2Z15017			1055	7020K	21016	21111		17-20720AK		92-3312	OEC-5		71(8)			95(129)		
				Siemens		20090	20030		1050K			17-30407	17-20201AK	92-1140	92-0150								
				Universal								21192	21194	17-43013	17-41051			SP-101					
XKR (433Mhz)	2012	Auto Relearn	JAG-1	Continental	C2Z15016			1046	7020K	21102	21111		17-20720AK		92-3312				71(8)		95(129)		
				Siemens		20091	20030		1050K			17-30408	17-20201AK	92-1251	92-0150								
				Universal										17-43014	17-41051								
Kia																							
Amanti	2007-09	Only When Replacing Sensor	KIA-1	TRW	52933-3E000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21129	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1070	92-0246	HY1FA00	OSE-5903	35(4)			65-80 (88-108)		
				Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104							
Borrego (lo-line)	2009	Only When Replacing Sensor	KIA-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)			65-80 (88-108)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003						
Forte	2010-12	Only When Replacing Sensor	KIA-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)			65-80 (88-108)		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							
Magentis	2008-10	Only When Replacing Sensor	HYN-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)			65-87 (88-118)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103							
Mohave	2009	Only When Replacing Sensor	KIA-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)			65-80 (88-108)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003						
Optima	2006-10	Only When Replacing Sensor	HYN-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)			65-87 (88-118)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103							
Optima	2011-12	Only When Replacing Sensor	KIA-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)			65-80 (88-108)		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							
Rio & Rio5 (Lo-Line, Post 7/2/07)	2007-11	Only When Replacing Sensor	KIA-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)			65-80 (88-108)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003						
Rio & Rio5 (lo-line)	2012-13	Only When Replacing Sensor	KIA-1	TRW	52933-3X200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OTR-X200	35(4)			65-81 (88-110)		
				Universal				7002	7020K	21192	21194				92-3303	92-3312	SP103	OTI-003					
Rondo (lo-line)	2007-09	Only When Replacing Sensor	KIA-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)			65-87 (88-118)		
				Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103							
Sedona (hi-line)	2006-08	Only When Replacing Sensor	KIA-1	Lear/Beru	52933-4D200	20085	20021 (20036 valve)	1028	2000K (1096 valve)	21557	21032 (20036 valve)	17-30201	17-20206AK (17-20036AK valve)	92-1135	92-0246	HY4D200	OBE-D200	35(4)			65-79 (88-107)		
				Universal							21192	21194	17-43013	17-41051			SP103						

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Kia (continued)																							
Sedona (lo-line)	2009-12	Only When Replacing Sensor			KIA-1	Lear/Beru	52933-2G200	20086	20021 (20036 valve)	1068	2000K (1096 valve)	21577	21032 (20036 valve)		17-20206AK (17-20036AK valve)	92-1137	92-0246	HY2G200	OBE-G200	35(4)		65-87 (88-118)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103					
Sorento	2005-10	Only When Replacing Sensor			KIA-1	TRW	52933-3E000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21129	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1070	92-0246	HY1FA00	OSE-5903	35(4)		65-80 (88-108)	
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Sorento	2011-13	Only When Replacing Sensor			KIA-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Soul	2010-12	Only When Replacing Sensor			KIA-1	Continental	52933-2M000	20092		5507	7020K		21111		17-20720AK	92-1116	92-3312	HY2M000	OSE-2M00	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Spectra & Spectra5 (lo-line)	2006-09	Only When Replacing Sensor			KIA-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)		65-80 (88-108)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003				
Sportage	2006-08	Only When Replacing Sensor			KIA-1	TRW	52933-3E000	28983	20021 (20036 valve)	1058	2000K (1096 valve)	21129	21032 (20036 valve)	17-30505	17-20206AK (17-20036AK valve)	92-1070	92-0246	HY1FA00	OSE-5903	35(4)		66-81 (88-108)	
						Universal				7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104					
Sportage (lo-line)	2009-12	Only When Replacing Sensor			KIA-1	TRW	52933-2F000	28849	20022	1029	2040K	21140	21138	17-30506	17-20204AK	92-1070	92-0244	HY2F000	OSE-5904	35(4)		66-81 (89-110)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003				
Land Rover																							
LR2	2008-10	Auto Relearn			LR-1	Siemens	LR018859	20090	20030	1055	1050K		21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-0537	71(8)		98(133)	
						Universal						21192	21194	17-43013	17-41051			SP-101					
LR2	2010-12	Auto Relearn			LR-1	Continental	LR032833			1055	7020K	21016	21111		17-20720AK		92-3312	OEC-5	OSE-0537	71(8)		98(133)	
						Siemens		20090	20030		1050K			17-30407	17-20201AK	92-1140	92-0150						
						Universal						21192	21194	17-43013	17-41051			SP-101					
LR3	2002-05	Auto Relearn			LR-1	Beru	YBD000060	28082	20023	9003	1090K	21024	21106		17-20211AK	92-1162	92-0261	SP102		35(4)	35(4)	103(140)	
LR3 (315Mhz)	2006-09	Auto Relearn			LR-1	Siemens	LR010533	20090	20030	1055	1050K		21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-1936	71(8)		103(140)	
						Universal						21192	21194	17-43013	17-41051			SP-101					
LR3 (433Mhz)	2006-09	Auto Relearn			LR-1	Siemens	LR010532	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150			71(8)		103(140)	
						Universal								17-43014	17-41051								
LR4	2010-12	Auto Relearn			LR-1	Continental	LR032833			1055	7020K	21016	21111		17-20720AK		92-3312	OEC-5	OSE-0537	71(8)		103(140)	
						Siemens		20090	20030		1050K			17-30407	17-20201AK	92-1140	92-0150						
						Universal						21192	21194	17-43013	17-41051			SP-101					
Range Rover & Sport (315Mhz)	2006-10	Auto Relearn			LR-1	Siemens	LR018859	20090	20030	1055	1050K		21102	17-30407	17-20201AK	92-1140	92-0150	OEC-5	OSE-0537	71(8)		103(140)	
						Universal						21192	21194	17-43013	17-41051			SP-101					
Range Rover & Sport (433Mhz)	2006-10	Auto Relearn			LR-1	Siemens	LR010532	20091	20030	1046	1050K	21102	21102	17-30408	17-20201AK	92-1251	92-0150			71(8)		103(140)	
						Universal								17-43014	17-41051								
Range Rover & Sport & Evoque (315Mhz)	2010-12	Auto Relearn			LR-1	Continental	LR032833			1055	7020K	21016	21111		17-20720AK		92-3312	OEC-5	OSE-0537	71(8)		103(140)	
						Siemens		20090	20030		1050K			17-30407	17-20201AK	92-1140	92-0150						
						Universal						21192	21194	17-43013	17-41051			SP-101					
Lexus																							
CT 200h	2011-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)		76(103)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
ES 350	2007-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)		76(103)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDi Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDi Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Lexus (continued)																							
GS 300	2006		✓	✓	LEX-1	Pacific	42607-30030	28335	20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1039	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
			Pacific	42607-33021		28370	20032																
			Universal			33000	34000	7002	7020K													21192	21194
GS 350	2007-11		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
			Universal			33000	34000	7002	7020K													21192	21194
GS 430 (pre 6/2006) GS 430 (post 6/2006)	2006		✓	✓	LEX-1	Pacific	42607-30030	28335	20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1039	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
	Pacific	42607-33021	28370	20032																			
	Universal		33000	34000		7002	7020K	21192	21194													17-43013	17-41051
GS 430	2007		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
			Universal			33000	34000	7002	7020K													21192	21194
GS 450h	2007-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
			Universal			33000	34000	7002	7020K													21192	21194
GS 460	2008-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
			Universal			33000	34000	7002	7020K													21192	21194
GX 460	2010-12			✓	LEX-3	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	83(113)		
			Universal			33000	34000	7002	7020K													21192	21194
GX 470	2004-05			✓	LEX-3	Pacific	42607-35010	28345	20031	1205	1110K	21048	21030	17-30317	17-20217AK	92-1046	92-0215	T035010		35(4)	83(113)		
			Universal			33000	34000	7002	7020K													21192	21194
GX 470 (Jan 31. & older) GX 470 (Feb. & newer)	2006			✓	LEX-3	Pacific	42607-35010	28345	20031	1205	1110K	21048	21030	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-3011	35(4)	83(113)		
	Pacific	42607-24010	28365	20032																			
	Universal		33000	34000		7002	7020K	21192	21194													17-43013	17-41051
GX 470	2007-08			✓	LEX-3	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	83(113)		
			Universal			33000	34000	7002	7020K													21192	21194
HS250h	2010-12		✓	✓	LEX-1	Pacific	42607-75010	28345	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1172	92-0215	OEC-2	OPA-5010	35(4)	76(103)		
			Universal			33000	34000	7002	7020K													21192	21194
IS 250 (Mar. & older) IS 250 (Apr. & newer)	2006 2006-12		✓	✓	LEX-1	Pacific	42607-30030	28335	20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1039	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
	Pacific	42607-33021	28370	20032																			
	Universal		33000	34000		7002	7020K	21192	21194													17-43013	17-41051
IS 350 (Mar. & older) IS 350 (Apr. & newer)	2006 2006-12		✓	✓	LEX-1	Pacific	42607-30030	28335	20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1039	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
	Pacific	42607-33021	28370	20032																			
	Universal		33000	34000		7002	7020K	21192	21194													17-43013	17-41051
IS F	2008-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
			Universal			33000	34000	7002	7020K													21192	21194
LFA	2012		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	81(110)		
			Universal			33000	34000	7002	7020K													21192	21194
LS 430 (indirect)	2004-06	✓	✓	✓	LEX-2																76(103)		
LS 460	2007-12		✓	✓	LEX-5	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	103(140)		
			Universal			33000	34000	7002	7020K													21192	21194
LS 600h	2008-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	103(140)		
			Universal			33000	34000	7002	7020K													21192	21194
LX 470	2005		✓	✓	LEX-4	Pacific	42607-33011	28365	20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1051	92-0215	OEC-2	OPA-3011	35(4)	97(131)		
			Universal			33000	34000	7002	7020K													21192	21194

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#		Continental REDi Sensor® Part #		Alligator Sens.it® Part #		Xtra Seal Smart Sensor Pro+ Part #		Continental REDi Sensor® Part #		Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)
Lexus (continued)																							
LX 470 (Jul. & older)	2006				LEX-4	Pacific	42607-24010	28365	20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1051	92-0215	OEC-2	OPA-3011	35(4)			97(131)
LX 470 (Aug. & newer)	2006-09		✓	✓		Pacific	42607-33021	28370	20032	1204	1100k	21049	21029	17-30316	17-20216AK	92-1052	92-0215			35(4)			
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312			SP103	OTI-001		
LX 570	2008-11		✓	✓	LEX-4	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)			97(131)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
RX 330	2004-06	✓	✓	✓	LEX-2																		76(103)
RX 330 (USA built)	2006				LEX-4	Pacific	42607-0E011		20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1046	92-0215	OEC-2	OPA-3011	35(4)			76(103)
RX 330 (Japan built)	2006		✓	✓		Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215			35(4)			
						Universal	33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103			SP103	OTI-001		
RX 350 (USA built)	2007-12				LEX-4	Pacific	42607-0E011		20031	1204	1100K	21049	21029	17-30316	17-20216AK	92-1046	92-0215	OEC-2	OPA-3011	35(4)			76(103)
RX 350 (Japan built)	2007-12		✓	✓		Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215			35(4)			
						Universal	33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103			SP103	OTI-001		
RX 400h	2007-09		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)			76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
RX 450h	2010-12		✓	✓	LEX-1	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)			76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
SC 430	2002-06			✓	LEX-3	Pacific	42607-24010	Wht ID 28310			1120K		21031		17-20221AK	Wht ID 17-30308	92-0155	T024010		27(3)			76(103)
							42607-24020	Blue ID 28315								Blue ID 17-30309							
							42607-24030	Red ID 28320								Red ID 17-30310							
							42607-24040	Gold ID 28325								Gold ID 17-30311							
							Universal									17-43013							
SC 430	2007-09	Only When Replacing Sensor			LEX-3	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)			76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Mazda																							
2	2011-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B				1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							OTI-001
3	2004	Only When Replacing Sensor	MAZ-1	Siemens	FE01-37-140A	20093	20030	1056		1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
3	2005-10	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
3	2011-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B				1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							OTI-001
5	2006-10	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
5	2011-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B				1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							OTI-001
6	2005-10	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDi Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDi Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Mazda (continued)																							
6	2011-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B				1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			65-87 (88-118)	
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101							OTI-001
B Series Pickup	2007-09	Only When Replacing Sensor	MAZ-2	Ford(band)	ZZC1-37-140	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7335			27(3)	100(140) <small>[Chrm St Whl 87-108 (118-146)]</small>		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
CX-7	2007-10	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)		
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
CX-7	2010-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B			1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			65-87 (88-118)		
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							SP101	OTI-001
CX-9	2007-10	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			80-108 (108-146)		
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
CX-9	2010-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B			1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			80-108 (108-146)		
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							SP101	OTI-001
MX-5 Miata	2006-10	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)		
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
MX-5 Miata	2010-12	Only When Replacing Sensor	MAZ-1	Continental	BBM2-37-140B			1056	7020K	21017	21111		17-20720AK	92-1144	92-3312	SI140B	OSE-3005	71(8)			65-87 (88-118)		
				Siemens		20093	20030		1050K		21102		17-20201AK		92-0150								
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312							SP101	OTI-001
RX-8	2004	Only When Replacing Sensor	MAZ-1	Siemens	FE01-37-140A	20093	20030	1056		21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)		
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
RX-8	2005-11	Only When Replacing Sensor	MAZ-1	Siemens	GN3A-37-140B	20093	20030	1056	1050K	21017	21102	17-30410	17-20201AK	92-1144	92-0150	SI140B	OSE-3005	71(8)			65-87 (88-118)		
				Universal				7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Tribute (band)	2006-09	Only When Replacing Sensor	MAZ-2	Ford(band)	ZZC1-37-140	28385		1048	1194	21575	21579	17-30010	17-21101/02/03	92-1036	92-0240/41/42	LE6L2T	OSE-7335			27(3)	100(140)		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Tribute (snap-in)	2009-11	Only When Replacing Sensor	MAZ-2	Schrader	ZZDA-37-140	20315	20018	9315	VS950	21121	21060	17-20315	17-20018	92-1021	92-0145	SC9L2T			11.5		100(140)		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-001						
Mercedes-Benz																							
C Class	2007	✓	✓	✓	MER-1																81(110)		
C Class	2007-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)		81(110)	
						Universal					21187*	21194	17-43014	17-41051									
CL Class (315Mhz)	2000-06	✓	✓	✓	MER-3	Beru	000 822 3406	9004	20023 w/o valve	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261 w/o valve	BEB004	OBE-004	35(4)	35(4)	110(150)		
									Silver 20037					Silver 1092								Silver 21079	Silver 17-50340
									Green 20038					Green 1093								Green 21078	Green 17-50342
									Black 20039					Black 1094								Black 21077	Black 17-50344
									Orange 20040					Orange 1095								Orange 21076	Orange 17-50346
Universal																							

*Use VIN search in Sens.it application, some exceptions may apply.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDi Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDi Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Mercedes-Benz (continued)																							
CL Class (433Mhz)	2000-06	✓	✓	✓	MER-3	Beru	000 822 3306	20077	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1145	92-0261 w/o valve	BEB001	OBE-001	35(4)	35(4)	110(150)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal			17-43014	17-41051		SP102																	
CL Class (315Mhz)	2007-10	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)		110(150)	
						Universal					21192*	21194	17-43013	17-41051		SP101							
CL Class (433Mhz)	2007-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)		110(150)	
						Universal					21187*	21194	17-43014	17-41051		SP102							
CL Class (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)		110(150)	
						Universal					21187*	21194	17-43014	17-41051									
CLK Class (indirect)	2006-07	✓	✓	✓	MER-1																	96(130)	
CLK Class (315Mhz)	2006-07	✓	✓	✓	MER-3	Beru	000 822 3406	20077	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261 w/o valve	BEB004	OBE-004	35(4)	35(4)	96(130)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal						SP101																	
CLK Class (433Mhz)	2007-09	✓	✓	✓	MER-3	Schrader	003 540 0217	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202		OSC-8214	53(6)		96(130)	
						Universal					21187*	21194	17-43014	17-41051									
CLS Class (indirect)	2006-07	✓	✓	✓	MER-1																	96(130)	
CLS Class (315Mhz)	2006-11	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)		96(130)	
						Universal					21192*	21194	17-43013	17-41051									
CLS Class (433Mhz)	2006-11	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)		96(130)	
						Universal					21187*	21194	17-43014	17-41051									
CLS Class (433Mhz)	2012	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)		96(130)	
						Universal					21187*	21194	17-43014	17-41051									
E Class (315Mhz)	2000-05	✓	✓	✓	MER-3	Beru	000 822 3406	20077	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261 w/o valve	BEB004	OBE-004	35(4)	35(4)	81(110)	
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal						SP101																	

*Schrader service pack #20021 can only be used if Schrader valve #20036 has been previously installed.

*Use VIN search in Sens.it application, some exceptions may apply.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					

Mercedes-Benz (continued)

E Class (433Mhz)	2000-05	✓	✓	✓	MER-3	Beru	000 822 3306	20077	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1145	92-0261 w/o valve	BEB001	OBE-001	35(4)	35(4)	81(110)
						Silver 20037			Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170							
						Green 20038			Green 1093		Green 21078		Green 17-50342		Green 92-0175							
						Black 20039			Black 1094		Black 21077		Black 17-50344		Black 92-1142							
						Orange 20040			Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
Universal																						
E Class (315Mhz)	2006-09	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)	96(130)	
						Universal																
E Class (433Mhz)	2006-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)	96(130)	
						Universal																
E Class (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)	96(130)	
						Universal																
G Class	2007-12	✓	✓	✓	MER-3	Schrader	003 540 0217	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)	110(150)	
						Universal																
GL Class (315Mhz)	2007-09	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)	110(150)	
						Universal																
GL Class (433Mhz)	2007-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)	110(150)	
						Universal																
GL Class (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)	110(150)	
						Universal																
GLK (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)	110(150)	
						Universal																
ML Class (315Mhz)	2006-08	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)	110(150)	
						Universal																
ML Class (433Mhz)	2006-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)	110(150)	
						Universal																
ML Class (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)	110(150)	
						Universal																
R Class (315Mhz)	2006-08	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)	110(150)	
						Universal																
R Class (433Mhz)	2006-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)	110(150)	
						Universal																
R Class (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202		OSC-8214	53(6)	110(150)	
						Universal																

*Schrader service pack #20021 can only be used if Schrader valve #20036 has been previously installed.

*Use VIN search in Sens.it application, some exceptions may apply.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)					
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)							
Mercedes-Benz (continued)																									
S Class (315Mhz)	2000-06	✓	✓	✓	MER-3	Beru	000 822 3406	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261w/o valve	BEB004	OBE-004	35(4)	35(4)	110(150)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																									
S Class (433Mhz)	2000-06	✓	✓	✓	MER-3	Beru	000 822 3306	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1145	92-0261w/o valve	BEB001	OBE-001	35(4)	35(4)	110(150)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																									
S Class (315Mhz)	2007-11	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)		110(150)			
						Universal																			
S Class (433Mhz)	2007-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)		110(150)			
						Universal																			
S Class (433Mhz)	2010-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)		110(150)			
						Universal																			
SL Class (315Mhz)	2000-05	✓	✓	✓	MER-3	Beru	000 822 3406	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261w/o valve	BEB004	OBE-004	35(4)	35(4)	96(130) 2000-02: 81(110)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																									
SL Class (433Mhz)	2000-05	✓	✓	✓	MER-3	Beru	000 822 3306	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1145	92-0261w/o valve	BEB001	OBE-001	35(4)	35(4)	96(130) 2000-02: 81(110)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																									
SL Class (315Mhz)	2006-12	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)		96(130)			
						Universal																			
SL Class (433Mhz)	2006-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)		96(130)			
						Universal																			
SLK Class (indirect)	2005-06	✓	✓	✓	MER-2																	81(110)			
SLK Class (indirect)	2007	✓	✓	✓	MER-1																	81(110)			
SLK Class	2008-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)		81(110) 2012 SLK350: 96(130)			
						Universal																			

*Schrader service pack #20021 can only be used if Schrader valve #20036 has been previously installed.

*Use VIN search in Sens.it application, some exceptions may apply.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)					
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)							
Mercedes Benz (continued)																									
SLR Class (315Mhz)	2004-06	✓	✓	✓	MER-3	Beru	000 822 3406	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261 w/o valve	BEB004	OBE-004	35(4)	35(4)	96(130)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																									
SLR Class (433Mhz)	2000-06	✓	✓	✓	MER-3	Beru	000 822 3306	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1145	92-0261 w/o valve	BEB001	OBE-001	35(4)	35(4)	96(130)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal																									
SLR Class (315Mhz)	2008-09	✓	✓	✓	MER-3	Siemens	002 540 7917	20094	20021* (20036 valve)	1054	1040K	21015	21028	17-30411	17-20203AK	92-1094	92-1170		OBE-004	53(6)		96(130)			
						Universal									21192*	21194	17-43013	17-41051							
SLR Class (433Mhz)	2008-09	✓	✓	✓	MER-3	Siemens	002 540 8017	20095	20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK	92-1145	92-1170		OSE-002	53(6)		96(130)			
						Universal									21187*	21194	17-43014	17-41051							
SLS (433Mhz)	2011-12	✓	✓	✓	MER-3	Schrader	000 905 4100	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	SC9400	OSC-8214	53(6)		96(130)			
						Universal									21187*	21194	17-43014	17-41051							
Mini																									
Cooper	2004-07	✓	✓	✓	MIN-1																	88(119)			
Cooper	2007-09	✓	✓	✓	MIN-2	Beru	36236781847	20023 w/o valve	1027	1090K w/o valve	21006	21106 w/o valve	17-30105	17-20211AK w/o valve	92-1130	92-0261 w/o valve	BEA008	OBE-008	35(4)	35(4)	88(119)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal										21187	21194	17-43014	17-41051												
Cooper (from Sept. 2009)	2010-12	✓	✓	✓	MIN-2	Beru	36106790054	20023 w/o valve	9012	2000K w/o valve (1096 valve)	21181	21106 w/o valve	17-30110	17-20211AK w/o valve	92-1253	92-0261 w/o valve	BEA012	OBE-012	35(4)	35(4)	88(119)				
								Silver 20037														Silver 1092	Silver 21079	Silver 17-50340	Silver 92-0170
								Green 20038														Green 1093	Green 21078	Green 17-50342	Green 92-0175
								Black 20039														Black 1094	Black 21077	Black 17-50344	Black 92-1142
								Orange 20040														Orange 1095	Orange 21076	Orange 17-50346	Orange 92-1143
Universal										21187	21194	17-43014	17-41051												
Mitsubishi																									
Eclipse (alloy whls)	2006-10	Only When Replacing Sensor			MIT-1	Schrader	MN103081	20034	20003	9034	1080K	21008	20003	17-20034	17-20028AK	92-1013	92-0140	OEC-3	OSC-0034	45-53 (5-6)		65-80 (88-108)			
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101							
Eclipse (steel whls)	2006-07	Only When Replacing Sensor			MIT-1	Schrader	4250A030	28129	20010	9069	1130K	21069	21027	17-28129	17-20010AK	92-1013	92-0130	OEC-3	OSC-0034	45-53 (5-6)		65-80 (88-108)			
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101							









☞ = Magnetically activated sensors

*Schrader service pack #20021 can only be used if Schrader valve #20036 has been previously installed.

*Use VIN search in Sens.it application, some exceptions may apply.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDi Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDi Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Mitsubishi (continued)																							
Eclipse 	2011-12	Only When Replacing Sensor			MIT-1	Schrader	4250B877	20034	20003	9034	1080K	21093	21111		17-20720AK		92-3312	OEC-3	OSC-0069	45-53 (5-6)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194			92-3301	92-3312	SP101					
Endeavor 	2004-05	Only When Replacing Sensor			MIT-1	Schrader	MN103033	20028	20003	9028	1080K	21133	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	45-53 (5-6)		65-80 (88-108)	
						Universal		33100	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				
Endeavor  (Aug. & older)	2006	Only When Replacing Sensor			MIT-1	Schrader	MN103033	20028	20003	9028	1080K	21133	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	45-53 (5-6)		65-80 (88-108)	
						Universal		33100	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				
Endeavor  (Sep. & newer, '06MY)	2006-10	Only When Replacing Sensor			MIT-1	Schrader	MN103081	20034	20003	9034	1080K	21008	20003	17-20034	17-20028AK	92-1013	92-0140	OEC-3	OSC-0034	45-53 (5-6)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101					
Endeavor  (post 5/2010)	2010-11	Only When Replacing Sensor			MIT-1	Schrader	4250B877	20034	20003	9034	1080K	21093	21111		17-20720AK		92-3312	OEC-3	OSC-0069	45-53 (5-6)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194			92-3301	92-3312	SP101					
Galant 	2004-06	Only When Replacing Sensor			MIT-1	Schrader	MN103033	20028	20003	9028	1080K	21133	20003	17-20028	17-20028AK	92-1016	92-0140	OEC-4	OSC-0028	45-53 (5-6)		65-80 (88-108)	
						Universal		33100	34000	7004	7020K			17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				
Galant  (alloy whls)	2007-12	Only When Replacing Sensor			MIT-1	Schrader	4250B877	20034	20003	9034	1080K	21008	20003	17-20034	17-20028AK	92-1013	92-0140	OEC-3	OSC-0034	45-53 (5-6)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101					
Galant (steel whls)	2007-12	Only When Replacing Sensor			MIT-1	Schrader	4250B875	28129	20010	9069	1130K	21069	21027	17-28129	17-20010AK	92-1013	92-0130	OEC-3	OSC-0034	45-53 (5-6)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194			92-3301	92-3312	SP101					
i-MiEV	2012	Only When Replacing Sensor			MIT-1	Continental	4250B975			1051	7020K	21093	21111		17-20720AK		92-3312		OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194			92-3301	92-3312		OTI-001				
Lancer (Before 8/2009)	2008-09	Only When Replacing Sensor			MIT-1	Siemens	4250A225	28096	20030	1051	1050K	21093	21111	17-30405	17-20201AK	92-1096	92-0150	SC36AA	OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-001				
Lancer (post 8/2009)	2009-10	Only When Replacing Sensor			MIT-1	Continental	4250B668	28096		1051	7020K	21093	21111	17-30405	17-20720AK	92-1096	92-3312		OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312		OTI-001				
Lancer (post 3/2010)	2010-12	Only When Replacing Sensor			MIT-1	Continental	4250B975			1051	7020K	21093	21111		17-20720AK		92-3312		OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312		OTI-001				
Montero/Sport 	2003-06	Only When Replacing Sensor			MIT-1	Schrader	MN103081	20034	20003	9034	1080K	21008	20003	17-20034	17-20028AK	92-1013	92-0140	OEC-3	OSC-0034	45-53 (5-6)		73-87 (99-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101					
Outlander (pre 8/2009)	2007-09	Only When Replacing Sensor			MIT-1	Siemens	4250A225	28096	20030	1051	1050K	21093	21111	17-30405	17-20201AK	92-1096	92-0150	SC36AA	OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-001				
Outlander (post 8/2009)	2009-10	Only When Replacing Sensor			MIT-1	Continental	4250B668	28096		1051	7020K	21093	21111	17-30405	17-20720AK	92-1096	92-3312		OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312		OTI-001				
Outlander/Sport (post 3/2009)	2010-12	Only When Replacing Sensor			MIT-1	Continental	4250B975			1051	7020K	21093	21111		17-20720AK		92-3312		OSE-7770	71(8)		65-80 (88-108)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312		OTI-001				
Raider	2008-10	Only When Replacing Sensor			MIT-1	Schrader	56029319AA	28154	20013 (20020 valve)	9154	2030K (9066-1 valve)	21132	21037 (20020 valve)	17-28154	17-20013AK (17-20020 valve)	92-1028	92-202	SC9319	OSC-8154	58 (6.5)		125-145 (170-197)	
								28461	20008		VS950		21037		17-20008		92-0145				11.5		
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101					

 = Magnetically activated sensors

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Nissan																							
350Z	2004-06	Only When Replacing Sensor			NIS-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20007AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)		72-87 (98-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
350Z	2007-09	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0C	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		72-87 (98-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
370Z	2009-10	Only When Replacing Sensor			NIS-1	Pacific	40700-JK00C	28210	20014	9204	2030K	21136	21037	17-20064	17-20007AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		72-87 (98-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
370Z	2011-12	Only When Replacing Sensor			NIS-1	Pacific	40700-1LA0C		20032	1216	1100K				17-20216AK		92-0215		OPA-LA0A	50(5.6)-70(7.9)		72-87 (98-118)	
						Universal						21192	21194										
Altima	2006-12	Only When Replacing Sensor			NIS-1	Schrader	40700-JA01B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		72-87 (98-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Altima	2012	Only When Replacing Sensor			NIS-1	Continental	40700-3AN0A			7000K		21113		17-20720AK		92-3311			71(8)		72-87 (98-118)		
Armada SE (alloy whls)	2005-08	Only When Replacing Sensor			NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Armada (steel whls)	2005-06	Only When Replacing Sensor			NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Armada LE	2008-12	Only When Replacing Sensor			NIS-1	Schrader	40700-JA01B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Cube w/o Intelligent Key	2009-12	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0D	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		72-87 (98-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Cube w/Intelligent Key	2011-12	Only When Replacing Sensor			NIS-1	Continental	40700-3AN0A		20003		7000K		21113		17-20720AK		92-3311		71(8)		72-87 (98-118)		
Frontier	2003-04	Only When Replacing Sensor			NIS-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20007AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Frontier (alloy whls)	2005-08	Only When Replacing Sensor			NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Frontier (steel whls)	2005-07	Only When Replacing Sensor			NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Frontier (steel whls)	2008	Only When Replacing Sensor			NIS-1	Schrader	40700-JA01B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Frontier	2009-12	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0D	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		87-108 (118-146)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
GT-R	2009-12	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		97(132)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Juke w/o Intelligent Key	2011-12	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0D	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)		72-87 (98-118)	
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Nissan (continued)																							
Juke w/Intelligent Key	2011-12	Only When Replacing Sensor			NIS-1	Pacific	40700-1LA0C		20032	1216	1100K								OPA-LA0A	50(5.6)-70(7.9)			72-87 (98-118)
						Universal					21192	21194											
Leaf	2011-12	Only When Replacing Sensor			NIS-1	Pacific	40700-1LA0C		20032	1216	1100K								OPA-LA0A	50(5.6)-70(7.9)			72-87 (98-118)
						Universal					21192	21194											
Maxima (pre 4/2007)	2006-07	Only When Replacing Sensor			NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			72-87 (98-118)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Maxima (post 4/2007)	2007-11	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			72-87 (98-118)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Maxima	2012	Only When Replacing Sensor			NIS-1	Continental	40700-3AN0A		20003		7000K		21113							71(8)			72-87 (98-118)
Murano	2003-06	Only When Replacing Sensor			NIS-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20007AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)			80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Murano	2007-12	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			80(108)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
NV1500, 2500, 3500	2012	Only When Replacing Sensor			NIS-1	Schrader	40700-1PA0A		20014		2030K		21037							66(7.5)			138(187)
Pathfinder (pre 8/2004)	2003-04	Only When Replacing Sensor			NIS-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20007AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)			87-108 (118-146)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Pathfinder (post 8/2004)	2004	Only When Replacing Sensor			NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			87-108 (118-146)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Pathfinder	2005	Only When Replacing Sensor			NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			87-108 (118-146)
						Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Pathfinder	2006	Only When Replacing Sensor			NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			87-108 (118-146)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Pathfinder	2007	Only When Replacing Sensor			NIS-1	Schrader	40700-JA01B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			87-108 (118-146)
						Schrader	40700-JA01A	28167	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Pathfinder	2008-11	Only When Replacing Sensor			NIS-1	Schrader	40700-1AA0D	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			87-108 (118-146)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3				
Pathfinder	2012	Only When Replacing Sensor			NIS-1	Continental	40700-3AN0A		20003		7000K		21113							71(8)			87-108 (118-146)
Quest (alloy whls)	2005-06	Only When Replacing Sensor			NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			72-87 (98-118)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				
Quest (steel whls)	2004-07	Only When Replacing Sensor			NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			72-87 (98-118)
						Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003				

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Nissan (continued)																							
Quest (alloy whls)	2007-09	Only When Replacing Sensor	NIS-1	Schrader	40700-JA01B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			72-87 (98-118)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3						
Quest	2011-12	Only When Replacing Sensor	NIS-1	Pacific	40700-1LA0C		20032	1216	1100K				17-20216AK		92-0215		OPA-LA0A	50(5.6)-70(7.9)			72-87 (98-118)		
				Universal						21192	21194												
Rogue	2008-12	Only When Replacing Sensor	NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			72-87 (98-118)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3						
Sentra (alloy whls)	2007	Only When Replacing Sensor	NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			72-87 (98-118)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Sentra (steel whls)	2007	Only When Replacing Sensor	NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			72-87 (98-118)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Sentra	2008-12	Only When Replacing Sensor	NIS-1	Schrader	40700-1AA0D	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			72-87 (98-118)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3						
Titan (alloy whls, post 4/2005)	2005-06	Only When Replacing Sensor	NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			87-108 (118-146)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Titan (steel whls, pre 3/2005)	2004-05	Only When Replacing Sensor	NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			87-108 (118-146)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Titan (pre 4/2007)	2007	Only When Replacing Sensor	NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			87-108 (118-146)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Titan (post 4/2007)	2007-12	Only When Replacing Sensor	NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			87-108 (118-146)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3						
Versa, sedan (pre 6/2011)	2007-12	Only When Replacing Sensor	NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			72-87 (98-118)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3						
Versa, hatchback	2011-12	Only When Replacing Sensor	NIS-1	Continental	40700-3AN0A		20003		7000K		21113		17-20720AK		92-3311					71(8)		72-87 (98-118)	
Xterra	2003-04	Only When Replacing Sensor	NIS-1	Schrader	40700-CD001	20064	20007	9064	1080K	21074	20003	17-20064	17-20007AK	92-1009	92-0140	OEC-3	OSC-0064	49(5.5)-66(7.5)			98(133)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Xterra (alloy whls)	2005-06	Only When Replacing Sensor	NIS-1	Schrader	40700-CK001	20161	20007	9161	1080K	21069	20003	17-20161	17-20007AK	92-1008	92-0140	OEC-3	OSC-0069	49(5.5)-66(7.5)			98(133)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Xterra (steel whls)	2006	Only When Replacing Sensor	NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			98(133)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Xterra (pre 4/2007)	2007	Only When Replacing Sensor	NIS-1	Schrader	40700-CK002	20069	20005	9069	1130K	21069	21027	17-20069	17-20005AK	92-1007	92-0130	OEC-3	OSC-0069	49(5.5)-66(7.5)			98(133)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-003						
Xterra (post 4/2007)	2007-11	Only When Replacing Sensor	NIS-1	Schrader	40700-1AA0B	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK	92-1031	92-0210	OEC-3	OSC-8204	49(5.5)-66(7.5)			98(133)		
				Universal		33000	34000	7001	7020K	21192	21194	17-73013	17-41051	92-3301	92-3312	SP101	OTI-3						
Xterra	2012	Only When Replacing Sensor	NIS-1	Continental	40700-3AN0A		20003		7000K		21113		17-20720AK		92-3311					71(8)		98(133)	

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Porsche																							
911 (315Mhz)	2005-08		✓	✓	POR-1	Beru		20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1160	92-0261 w/o valve	BEA004		35(4)	35(4)	96(130)		
								Silver 20037														Silver 1092	Silver 21079
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
						Universal											SP101						
911 (433Mhz)	2005-08		✓	✓	POR-1	Beru	99760602100	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1138	92-0261 w/o valve	BEA001	OBE-001	35(4)	35(4)	96(130)		
								Silver 20037														Silver 1092	Silver 21079
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
						Universal							17-43014	17-41051			SP102						
911 (433Mhz)	2009-12		✓	✓	POR-1	Beru	99760602120	20023 w/o valve	9008	1090K w/o valve	21006	21106 w/o valve	17-30107	17-20211AK w/o valve	92-1087	92-0261 w/o valve	BEA008	OBE-010	35(4)	35(4)	96(130) [Center Lug 370(502)]		
								Silver 20037														Silver 1092	Silver 21079
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
						Universal					21187	21194	17-43014	17-41051			SP102						
Boxster (315Mhz)	2005-08		✓	✓	POR-1	Beru		20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1160	92-0261 w/o valve	BEB004		35(4)	35(4)	96(130)		
								Silver 20037														Silver 1092	Silver 21079
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
						Universal											SP101						
Boxster (433Mhz)	2005-08		✓	✓	POR-1	Beru	99760602100	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1138	92-0261 w/o valve	BEA001	OBE-001	35(4)	35(4)	96(130)		
								Silver 20037														Silver 1092	Silver 21079
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
						Universal											SP102						
Boxster (433Mhz) Post 11/2009	2009-12		✓	✓	POR-1	Beru	99760602120	20023 w/o valve	9008	1090K w/o valve	21006	21106 w/o valve	17-30107	17-20211AK w/o valve	92-1087	92-0261 w/o valve	BEA008	OBE-010	35(4)	35(4)	96(130)		
								Silver 20037														Silver 1092	Silver 21079
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
						Universal					21187	21194	17-43014	17-41051			SP102						

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Porsche (continued)																							
Carrera GT	2002-06		✓	✓	POR-1	Beru	99760602100	20077	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1138	92-0261w/o valve	BEA001	OBE-001	35(4)	35(4)	407(552)	
						Universal																	
Cayenne (315Mhz)	2003-06		✓	✓	POR-1	Beru	95536166111		20023 w/o valve	9005	1090K w/o valve	21025	21106 w/o valve	17-30108	17-20211AK w/o valve	92-1147	92-0261w/o valve	BEA004		35(4)	118(160)		
						Universal																	
Cayenne (433Mhz)	2002-06		✓	✓	POR-1	Beru	95536166100	20084	20023 w/o valve	9005	1090K w/o valve	21025	21106 w/o valve	17-30108	17-20211AK w/o valve	92-1147	92-0261w/o valve	BEA008	OBE-005	35(4)	35(4)	118(160)	
						Universal																	
Cayenne (433Mhz)	2007-09		✓	✓	POR-1	Beru	95560602100	20078	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK w/o valve	92-1166	92-0261w/o valve	BEA001	OBE-007	35(4)	35(4)	118(160)	
						Universal																	
Cayenne (315Mhz)	2009-10		✓	✓	POR-1	Beru	95560602300	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1160	92-0261w/o valve	BEA004		35(4)	35(4)	118(160)	
						Universal																	
Cayenne (433Mhz)	2010-12		✓	✓	POR-1	Beru	95836166100	20103	20023 w/o valve	9011	1090K w/o valve	21149	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1138	92-0261w/o valve	BEA008	OBE-011	35(4)	35(4)	118(160)	
						Universal																	
Cayman	2006-08	Auto Relearn			POR-2	Beru	99760602100	20077	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1138	92-0261w/o valve	BEA001	OBE-001	35(4)	35(4)	96(130)	
						Universal																	

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IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)				
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)						
Porsche (continued)																								
Cayman	2009-12	Auto Relearn			POR-2	Beru	99760602120	28087	20023 w/o valve	9008	1090K w/o valve	21066	21106 w/o valve	17-30107	17-20211AK w/o valve	92-1138	92-0261 w/o valve	BEA008	OBE-001	35(4)	35(4)	96(130)		
									Silver 20037		Silver 1092				Silver 21079								Silver 17-50340	Silver 92-0170
									Green 20038		Green 1093				Green 21078								Green 17-50342	Green 92-0175
									Black 20039		Black 1094				Black 21077								Black 17-50344	Black 92-1142
									Orange 20040		Orange 1095				Orange 21076								Orange 17-50346	Orange 92-1143
Universal					21187	21194	17-43014	17-41051			SP102													
Panamera (315Mhz)	2010-11		✓	✓	POR-1	Beru	99760602321	20023 w/o valve	9004	1090K w/o valve	21006	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1160	92-0261 w/o valve	BEA004		35(4)	35(4)	96(130)			
								Silver 20037		Silver 1092				Silver 21079								Silver 17-50340	Silver 92-0170	
								Green 20038		Green 1093				Green 21078								Green 17-50342	Green 92-0175	
								Black 20039		Black 1094				Black 21077								Black 17-50344	Black 92-1142	
								Orange 20040		Orange 1095				Orange 21076								Orange 17-50346	Orange 92-1143	
Universal															SP101									
Panamera (433Mhz)	2010-12		✓	✓	POR-1	Beru	99760602100	20023 w/o valve	9001	1090K w/o valve	21022	21106	17-30101	17-20211AK w/o valve	92-1138	92-0261 w/o valve	BEA001	OBE-001	35(4)	35(4)	96(130)			
								Silver 20037		Silver 1092				Silver 21079								Silver 17-50340	Silver 92-0170	
								Green 20038		Green 1093				Green 21078								Green 17-50342	Green 92-0175	
								Black 20039		Black 1094				Black 21077								Black 17-50344	Black 92-1142	
								Orange 20040		Orange 1095				Orange 21076								Orange 17-50346	Orange 92-1143	
Universal											17-43014	17-41051			SP102									
Saab																								
9-3	2004-07	Auto Relearn			SAB-1	Schrader	13172567	28078	20009	9078	2010K	21063	20010	17-28078	17-20010AK	92-1032	92-0195	SC2567	OSC-8078	62(7)		80(108)		
						Universal											17-43014	17-41051			SP102			
9-3	2008-12	Auto Relearn			SAB-1	Schrader	13227143	20159	20009	2010K	21063	20010		17-20010AK	92-1254	92-0195	SC9400	OSC-8214	88(10)		80(108)			
9-4x	2012	Auto Relearn			SAB-1	Schrader	20922900	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	80(108)		
						Universal		33000	20008	7001-R	VS80						17-43013	17-41051	92-3301	92-3312	SP101	OTI-001		
9-5	2004-07	Auto Relearn			SAB-1	Schrader	13172567	28078	20009	9078	2010K	21063	20010	17-28078	17-20010AK	92-1032	92-0195	SC2567	OSC-8078	62(7)		80(108)		
						Universal											17-43014	17-41051			SP102			
9-5	2008-09	Auto Relearn			SAB-1	Schrader	13227143	20159	20009	2010K	21063	20010		17-20010AK	92-1254	92-0195	SC9400	OSC-8214	88(10)		80(108)			
9-5	2010-12	Auto Relearn			SAB-1	Schrader	20922900	28206	20008	9153	VS950	28206	21060	17-28206	17-20008	92-1182	92-0145	OEC-1	OSC-8206		11.5	80(108)		
						Universal		33000	20008	7001-R	VS80						17-43013	17-41051	92-3301	92-3312	SP101	OTI-001		
9-7x	2007-09		✓	✓	SAB-2	Schrader	25774006	20116	20004	9116	1070K	21083	20004	17-20116	17-20107AK	92-1003	92-0125	OEC-1	OSC-0116	62(7)		100(140)		
						Universal				7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101						
Scion																								
iQ	2011-12		✓	✓	TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)		76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
tC (indirect)	2005-06	✓	✓	✓	TOY-1																76(103)			
tC	2006-12		✓	✓	TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)		76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
xB	2007-12		✓	✓	TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)		76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
xD	2008-12		✓	✓	TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)		76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Smart																							
ForTwo	2008-12	✓	✓	✓	SM-1	Siemens	004 542 1518		20021* (20036 valve)	1049	1040K	21042	21028		17-20203AK		92-1170		OSC-8214	53(6)			81(110)
						Schrader	003 540 0217	28214	20016 (20020 valve)	9214	2030K (9066-1 valve)	21137	21037 (20020 valve)	17-28214	17-20016AK (17-20020 valve)	92-1175	92-202	53(6)					
						Universal						21187	21194	17-43014	17-41051								
Subaru																							
B9 Tribeca	2006-07	Only When Replacing Sensor	SUB-1	Schrader	28103AG00A	20081	20011	9081	1080K	21123	20003	17-20081	17-20028AK	92-1014	92-0140	OEC-6	OSC-0081	66(7.5)			74-89 (100-121) w/chrome wheels see owner's manual		
				Universal		33000	34000					21192	21194	17-43013	17-41051			SP101					
Forester	2008-12	Only When Replacing Sensor	SUB-1	Schrader	28103AG01C	28203	20008	9153	VS950	21135	21060	17-28203	17-20008	92-1030	92-0145	OEC-6	OSC-8203		11.5		74(100)		
				Universal		33000	20008					21193	21195	17-43013	17-41051			SP101					
Impreza	2008-12	Only When Replacing Sensor	SUB-1	Schrader	28103AG01C	28203	20008	9153	VS950	21135	21060	17-28203	17-20008	92-1030	92-0145	OEC-6	OSC-8203		11.5		74-89 (100-121)		
				Universal		33000	20008					21193	21195	17-43013	17-41051			SP101					
Legacy	2004	Only When Replacing Sensor	SUB-1	Schrader	28103AG00A	20081	20011	9081	1080K	21123	20003	17-20081	17-20028AK	92-1014	92-0140	OEC-6	OSC-0081	66(7.5)			58-72 (79-98)		
				Universal		33000	34000							17-43013	17-41051			SP101					
Legacy	2005-07	Only When Replacing Sensor	SUB-1	Schrader	28103AG00A	20081	20011	9081	1080K	21123	20003	17-20081	17-20028AK	92-1014	92-0140	OEC-6	OSC-0081	66(7.5)			74-89 (100-121)		
				Universal		33000	34000							17-43013	17-41051			SP101					
Legacy (clamp-in)	2008	Only When Replacing Sensor	SUB-1	Schrader	28103AG00A	20081	20011	9081	1080K	21123	20003	17-20081	17-20028AK	92-1014	92-0140	OEC-6	OSC-0081	66(7.5)			74-89 (100-121)		
				Universal		33000	34000					21192	21194	17-43013	17-41051			SP101					
Legacy (snap-in)	2008-12	Only When Replacing Sensor	SUB-1	Schrader	28103AG01C	28203	20008	9153	VS950	21135	21060	17-28203	17-20008	92-1030	92-0145	OEC-6	OSC-8203		11.5		74-89 (100-121)		
				Universal		33000	20008					21193	21195	17-43013	17-41051			SP101					
Outback	2004	Only When Replacing Sensor	SUB-1	Schrader	28103AG00A	20081	20011	9081	1080K	21123	20003	17-20081	17-20028AK	92-1014	92-0140	OEC-6	OSC-0081	66(7.5)			58-72 (79-98)		
				Universal		33000	34000							17-43013	17-41051			SP101					
Outback	2005-07	Only When Replacing Sensor	SUB-1	Schrader	28103AG00A	20081	20011	9081	1080K	21123	20003	17-20081	17-20028AK	92-1014	92-0140	OEC-6	OSC-0081	66(7.5)			74-89 (100-121)		
				Universal		33000	34000							17-43013	17-41051			SP101					
Outback	2008-12	Only When Replacing Sensor	SUB-1	Schrader	28103AG01C	28203	20008	9153	VS950	21135	21060	17-28203	17-20008	92-1030	92-0145	OEC-6	OSC-8203		11.5		74-89 (100-121)		
				Universal		33000	20008					21193	21195	17-43013	17-41051			SP101					
Tribeca	2008-10	Only When Replacing Sensor	SUB-1	Schrader	28103AG01C	28203	20008	9153	VS950	21135	21060	17-28203	17-20008	92-1030	92-0145	OEC-6	OSC-8203		11.5		74-89 (100-121) w/chrome wheels see owner's manual		
				Universal		33000	20008					21193	21195	17-43013	17-41051			SP101					
Tribeca	2011-12	Only When Replacing Sensor	SUB-1	Schrader	28103AG01C	28203	20008	9153	VS950	21135	21060	17-28203	17-20008	92-1030	92-0145	OEC-6	OSC-8203		11.5		89(121) w/chrome wheels see owner's manual		
				Universal		33000	20008					21193	21195	17-43013	17-41051			SP101					
Suzuki																							
Equator	2009-12	Only When Replacing Sensor	SUZ-1	Schrader	43130-82Z10	28204	20014	9204	2030K	21136	21037	17-28204	17-20014AK		92-0210	SC4101	OSC-8204	49(5.5)			98(133)		
				Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
Forenza	2007-08	Only When Replacing Sensor	SUZ-1	Schrader	43130-85Z01	20153	20008	9153	VS390	21125	21060	17-20153	17-20008	92-1124	92-0145	OEC-1	OSC-0153A		11.5		66-92 (89-125)		
				Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003						
Grand Vitara	2007-12		SUZ-2	Schrader	43130-54J21	20087	20009	9087	2010K	21003	20010	17-20087	17-20010AK	92-1017	92-0195	OEC-6	OSC-0087	80(9)			73(99)		
				Universal		33000	34000					21192	21194	17-43013	17-41051			SP101					

*Schrader service pack #20021 can only be used if Schrader valve #20036 has been previously installed.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																							
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Suzuki (continued)																							
Kizashi	2010-12	Only When Replacing Sensor			SUZ-1	Continental	43130-57L00		20030	1051	7020K	21093	21111		17-20720AK	92-1173	92-3312	SC36AA	OSE-7770	71(8)	104(141)		
						Schrader		20066	20013 (20020 valve)		2030K (9066-1 valve)		21037 (20020 valve)	17-30405	17-20013AK (17-20020 valve)		92-202			58(6.5)			
								28308	20008	9308	VS950		21060		17-20008		92-0145			11.5			
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312			SP101		OTI-001	
Reno	2007-08	Only When Replacing Sensor			SUZ-1	Schrader	43130-85Z01	20153	20008	9153	VS390	21125	21060	17-20153	17-20008	92-1124	92-0145	OEC-1	OSC-0153A	11.5	66-92 (89-125)		
						Universal		33000	20008	7001-R	VS80	21193	21195	17-43013	17-41051	92-3301	92-3312	SP101	OTI-003				
SX4	2007-12		✓	✓	SUZ-2	Schrader	43130-54J21	20087	20009	9087	2010K	21003	20010	17-20087	17-20010AK	92-1017	92-0195	OEC-6	OSC-0087	80(9)	62(84)		
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
Verona (indirect)	2005-06	✓	✓	✓																81(110)			
Verona	2005-06	Only When Replacing Sensor			SUZ-1	Schrader	43130-86Z20	20082	20009	9082	2010K	21124	20010	17-20082	17-20009AK	92-1017	92-0195	OEC-3	OSC-0082	80(9)	81(110)		
						Universal		33000	34000			21192	21194	17-43013	17-41051			SP101					
XL-7	2005-06		✓	✓	SUZ-2	Schrader	43130-54J21	20087	20009	9087	2010K	21003	20010	17-20087	17-20010AK	92-1017	92-0195	OEC-6	OSC-0087	80(9)	73(99)		
						Universal		33000	34000				21192	21194	17-43013	17-41051			SP101				
XL-7	2007-09		✓	✓	SUZ-3	Siemens	43130-78J00		20030	1047	1050K	21070	21102	17-30402	17-20201AK	92-1011	92-0150	OEC-1	OSC-0158	71(8)	100(140)		
						Schrader		20158	20004			1070K		20004		17-20107AK	92-1012			92-0125		62(7)	
						Universal		33000	34000	7001	7020K	21192	21194	17-43013	17-41051	92-3301	92-3312	SP101					
Toyota																							
4Runner	2003-05	Only When Replacing Sensor			TOY-3	Pacific	42607-35010	28345	20031	1205	1100K	21048	21030	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-5010	35(4)	83(112)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103					
4Runner	2006	Only When Replacing Sensor			TOY-3	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)	83(112)		
						Pacific	42607-35010	28345	20031	1205	1100K	21048	21030	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-5010				
						Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-3011				
						Pacific	42607-30030	28335	20031	1204	1100K	21049	21030	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-5010				
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
4Runner	2007-09	Only When Replacing Sensor			TOY-3	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)	83(112)		
						Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-3011				
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
4Runner	2010-12	Only When Replacing Sensor			TOY-3	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-3011	35(4)	83(112)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Avalon (USA)	2007-12	Only When Replacing Sensor			TOY-3	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Avalon (Japan)	2007-08	Only When Replacing Sensor			TOY-3	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Camry (USA)	2007-11	Only When Replacing Sensor			TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Camry (Japan)	2007-11	Only When Replacing Sensor			TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				
Camry	2012	Only When Replacing Sensor			TOY-2	Pacific	42607-06020		20032	1218	1100K		21029	17-30316	17-20216AK		92-0215			35(4)	76(103)		
						Universal						21192	21194	17-43013	17-41051								
Corolla (indirect)	2005-07	✓	✓	✓	TOY-1															76(103)			
Corolla (USA)	2007-08	Only When Replacing Sensor			TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)	76(103)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001				

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																								
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)				
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)						
Toyota (continued)																								
Corolla (Japan)	2007-09	Only When Replacing Sensor			TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Corolla (Japan,VIN= J first digit)	2009-11	Only When Replacing Sensor			TOY-2	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-3011	35(4)				76(103)
Corolla (Japan,all other VINS)						Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011					
Corolla (USA,VIN= 1 first digit)						Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011					
Corolla (USA,all other VINS)						Pacific	42607-02010	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011					
					Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001						
Corolla (USA)	2012	Only When Replacing Sensor			TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Corolla (Japan)	2012	Only When Replacing Sensor			TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
FJ Cruiser	2008-12	Only When Replacing Sensor			TOY-3	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				85(115)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Highlander	2004-06	✓	✓	✓	TOY-1																			76(103)
Highlander	2007-12	Only When Replacing Sensor			TOY-3	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Land Cruiser	2005-07		✓	✓	TOY-2	Pacific	42607-34020	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				97(131)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Land Cruiser	2008-11	Only When Replacing Sensor			TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				97(131)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Matrix (indirect)	2005-07	✓	✓	✓	TOY-1																			76(103)
Matrix (USA)	2007-11		✓	✓	TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Matrix (Japan)	2007-11		✓	✓	TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Matrix	2012		✓	✓	TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Prius	2006-11		✓	✓	TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Prius	2012		✓	✓	TOY-2	Pacific	42607-52020		20032	1218	1100K		21029	17-30316	17-20216AK		92-0215			35(4)				76(103)
						Universal							21192	21194	17-43013	17-41051								
RAV4	2004-05	✓	✓	✓	TOY-1																			76(103)
RAV4	2006	Only When Replacing Sensor			TOY-2	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
RAV4	2007-10	Only When Replacing Sensor			TOY-2	Pacific	42607-33021	28370	20032	1204	1100K	21049	21029	17-30317	17-20217AK	92-1046	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
RAV4	2011-12	Only When Replacing Sensor			TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)				76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Sequoia (20"; alloy whl)	2004-07		✓	✓	TOY-2	Pacific	42607-0C020	28305	20031	1204	1100K	21049	21030	17-30316	17-20216AK	92-1051	92-0135	OEC-2	OPA-C010	35(4)				83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103						

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																											
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)							
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)									
Toyota (continued)																											
Sequoia (40°; steel whl)	2004-07		✓	✓	TOY-2	Pacific	42607-0C010	28300	20031	1203	1110K	21046	21030	17-30314	17-20216AK	92-1049	92-0135	T00C010	OPA-5010	35(4)				83(112)			
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Sequoia (20°; alloy whl)	2008-11	Only When Replacing Sensor			TOY-2	TRW	42607-0C050	28670	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1067	92-0135	T00C050	OPA-C050	35(4)					97(131)		
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003								
Sequoia (40°; steel whl)	2008	Only When Replacing Sensor			TOY-2	TRW	42607-0C060	28380	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1127	92-0135	T00C050	OPA-5010	35(4)						97(131)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003								
Sequoia	2012	Only When Replacing Sensor			TOY-2	TRW	42607-08010	28670	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1067	92-0135	T00C050	OPA-C050	35(4)						97(131)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003								
Sienna (indirect)	1998-06	✓	✓	✓	TOY-1																					76(103)	
Sienna	2006-12	Only When Replacing Sensor			TOY-2	TRW	42607-08010	28670	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1067	92-0135	T00C050	OPA-C050	35(4)							76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003								
Solara (indirect)	2004-06	✓	✓	✓	TOY-1																					76(103)	
Solara	2007-08	Only When Replacing Sensor			TOY-3	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)							76(103)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001								
Tacoma (20°; alloy whl) Dec. 1 & newer	2005		✓	✓	TOY-2	Pacific	42607-AD020	28355	20031	1204	1100K	21049	21030	17-30316	17-20216AK	92-1048	92-0135	OEC-2	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (20°; alloy whls) Nov. 30 & older	2005		✓	✓	TOY-2	Pacific	42607-0C020	28305	20031	1204	1100K	21049	21030	17-30316	17-20216AK	92-1051	92-0135	T00C020	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (40°; steel whls) Dec. 1 & newer	2005		✓	✓	TOY-2	Pacific	42607-AD010	28380	20031	1203	1110K	21046	21030	17-30508	17-20217AK	92-1053	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (40°; steel whls) Nov. 30 & older	2005		✓	✓	TOY-2	Pacific	42607-0C010	28300	20031	1203	1110K	21046	21030	17-30314	17-20216AK	92-1049	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (20°; alloy whls) Jul & older	2006		✓	✓	TOY-2	Pacific	42607-AD020	28355	20031	1204	1100K	21049	21030	17-30316	17-20216AK	92-1048	92-0135	OEC-2	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (20°; alloy whls) Aug & newer	2006		✓	✓	TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001								
Tacoma (40°; steel whls) Jul & older	2006		✓	✓	TOY-2	Pacific	42607-AD010	28380	20031	1203	1110K	21046	21030	17-30508	17-20217AK	92-1053	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (40°; steel whls) Aug & newer	2006		✓	✓	TOY-2	Pacific	42607-04010	28380	20031	1203	1110K	21046	21030	17-30508	17-20217AK	92-1053	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (20°; alloy whl)	2007		✓	✓	TOY-2	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001								
Tacoma (40°; steel whl)	2007		✓	✓	TOY-2	Pacific	42607-04010	28380	20031	1203	1110K	21046	21030	17-30508	17-20217AK	92-1053	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (20°; alloy whl)	2008-12	Only When Replacing Sensor			TOY-2	Pacific	42607-04010	28380	20031	1203	1110K	21046	21030	17-30508	17-20217AK	92-1053	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tacoma (40°; steel whl)	2008-12	Only When Replacing Sensor			TOY-2	Pacific	42607-04010	28380	20031	1203	1110K	21046	21030	17-30508	17-20217AK	92-1053	92-0135	T00C010	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tundra (20°; alloy whl)	2005		✓	✓	TOY-2	Pacific	42607-0C020	28305	20031	1204	1100K	21049	21030	17-30316	17-20216AK	92-1051	92-0135	T00C020	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									
Tundra (20°; alloy whl) Oct. 31 & older	2006		✓	✓	TOY-2	Pacific	42607-0C020	28305	20031	1204	1100K	21049	21030	17-30316	17-20216AK	92-1051	92-0135	T00C020	OPA-5010	35(4)							83(112)
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103									

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																								
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)				
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)						
Toyota (continued)																								
Tundra (20°; alloy whl) Nov.1 & newer	2006		✓	✓	TOY-2	TRW	42607-0C050	28670	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1067	92-0135	T00C050	OPA-C050	35(4)			83(112)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003					
Tundra (40°; steel whl) Oct. 31 & older	2005-06		✓	✓	TOY-2	Pacific	42607-0C010	28300	20031	1203	1110K	21046	21030	17-30314	17-20216AK	92-1049	92-0135	T00C010	OPA-5010	35(4)			83(112)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103						
Tundra (40°; steel whl) Nov.1 & newer	2006		✓	✓	TOY-2	TRW	42607-0C060	28380	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1127	92-0135	T00C050	OPA-5010	35(4)			83(112)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003					
Tundra (20°; alloy whl)	2007-11	Only When Replacing Sensor			TOY-2	TRW	42607-0C050	28670	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1067	92-0135	T00C050	OPA-C050	35(4)			97(131)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003					
Tundra (40°; steel whl)	2007-11	Only When Replacing Sensor			TOY-2	TRW	42607-0C060	28380	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1127	92-0135	T00C050	OPA-5010	35(4)			97(131)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003					
Tundra	2012	Only When Replacing Sensor			TOY-2	TRW	42607-08010	28670	20022	1206	1110K	21052	21030	17-30508	17-20217AK	92-1067	92-0135	T00C050	OPA-C050	35(4)			97(131)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP104	OTI-003					
Venza	2009-12	Only When Replacing Sensor			TOY-3	Pacific	42607-06011	28360	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1052	92-0215	OEC-2	OPA-3011	35(4)			76(103)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Yaris	2007-11	Only When Replacing Sensor			TOY-3	Pacific	42607-33011	28365	20032	1204	1100K	21049	21029	17-30316	17-20216AK	92-1187	92-0215	OEC-2	OPA-3011	35(4)			76(103)	
						Universal		33000	34000	7002	7020K	21192	21194	17-43013	17-41051	92-3303	92-3312	SP103	OTI-001					
Yaris	2012	Only When Replacing Sensor			TOY-3	Pacific	42607-06020	28365	20032	1218	1100K		21029	17-30316	17-20216AK		92-0215			35(4)			76(103)	
						Universal		33000	34000			21192	21194	17-43013	17-41051									
Volkswagen																								
Beetle	2007-11	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)	
						Universal						21192	21194	17-43013	17-41051			SP101						
Beetle	2012	✓	✓	✓	VW-6																		89(120)	
CC	2009-10	Auto Relearn			VW-5	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)	
						Universal						21192	21194	17-43013	17-41051			SP101						
CC	2011-12	Auto Relearn			VW-5	Beru	3AA907275		20023 w/o valve	1090K w/o valve			21106 w/o valve					17-20211AK w/o valve			92-0261 w/o valve	35(4)	35(4)	89(120)
		Silver 20037	Silver 1092	Silver 21079					Silver 17-50340				Silver 92-0170											
		Green 20038	Green 1093	Green 21078					Green 17-50342				Green 92-0175											
		Black 20039	Black 1094	Black 21077					Black 17-50344				Black 92-1142											
		Orange 20040	Orange 1095	Orange 21076					Orange 17-50346				Orange 92-1143											
EOS	2007-12	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)	
						Universal						21192	21194	17-43013	17-41051			SP101						
GLI	2008-10	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)	
						Universal						21192	21194	17-43013	17-41051			SP101						
Golf	2010-11	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)	
						Universal						21192	21194	17-43013	17-41051			SP101						
Golf	2012	✓	✓	✓	VW-6																		89(120)	
GTI	2006-07	✓	✓	✓	VW-4	Siemens	1K0907253E	20088	20017	O-ring hex 1041	1031K	21050		17-30413	17-20207AK	92-1189		SI253D	OSE-5001				89(120)	
GTI	2006-12	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	Std. hex nut 1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)	
						Universal						21192	21194	17-43013	17-41051			SP101						
GTI (indirect)	2007	✓	✓	✓	VW-4																		89(120)	
Jetta (indirect)	2005-07	✓	✓	✓	VW-4																		89(120)	

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)			
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)					
Volkswagen (continued)																							
Jetta	2005-11	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)		89(120)	
						Universal							21192	21194	17-43013	17-41051			SP101				
Jetta	2012	✓	✓	✓	VW-6																	89(120)	
Passat	2006-08	✓	✓	✓	VW-4	Siemens	1K0907253E	20088	20017	O-ring hex 1041	1031K	21050		17-30413	17-20207AK	92-1189		SI253D	OSE-5001			89(120)	
Passat	2008-11	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	Std. hex nut 1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)		89(120)	
						Universal									21192	21194	17-43013	17-41051			SP101		
Passat	2012	✓	✓	✓	VW-6																	89(120)	
Phaeton (315Mhz)	2003-07	✓	✓	✓	VW-2	Beru	4D0-907-275A	20079	20023 w/o valve	9004	1090K w/o valve	21021	21106 w/o valve	17-30102	17-20211AK w/o valve	92-1134	92-0261w/o valve	BEB004	OSE-5001	71(8)			89(120)
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170						
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175						
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142						
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143						
Universal					SP101																		
Phaeton (433Mhz) thru May 2007	2002-07	✓	✓	✓	VW-2	Beru	4D0-907-275C	20023 w/o valve	9001	1090K w/o valve	21022	21106 w/o valve	17-30101	17-20211AK w/o valve	92-1138	92-0261w/o valve	BEB001	OBE-001	35(4)	35(4)		89(120)	
								Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170							
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
Universal					21187*	21194	17-43014	17-41051	SP102														
Phaeton (433Mhz) June 2007	2007-10	✓	✓	✓	VW-2	Beru	4F0-907-275B	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK w/o valve	92-1147	92-0261w/o valve	BEB007	OBE-007	35(4)	35(4)		89(120)	
								Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170							
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
Universal							17-43014	17-41051	SP102														
Phaeton (433Mhz)	2011	✓	✓	✓	VW-2	Beru	4F0-907-275D	20023 w/o valve	9011	1090K w/o valve	21149	21106 w/o valve	17-30109	17-20211AK w/o valve	92-1160	92-0261w/o valve	BEB008	OBE-011	35(4)	35(4)		89(120)	
								Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170							
								Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175							
								Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142							
								Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143							
Universal									SP102														
R32	2008-10	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)		89(120)	
						Universal									21192	21194	17-43013	17-41051			SP101		
Rabbit	2006-07	✓	✓	✓	VW-4	Siemens	1K0907253E	20088	20017	O-ring hex 1041	1031K	21050		17-30413	17-20207AK	92-1189		SI253D	OSE-5001			89(120)	
Rabbit	2006-10	✓	✓	✓	VW-4	Siemens	1K0-907-253D	20088	20017	Std. hex nut 1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)		89(120)	
						Universal									21192	21194	17-43013	17-41051			SP101		
Routan (433Mhz)	2009-12	Auto Relearn			VW-5	Continental	7B0-907-253A			1043	7020K		21111		17-20720AK		92-3312		OSE-7771	71(8)		85-115 (115-156)	
						Universal				7004	7020K	21187	21194	17-43014	17-41051	92-3302	92-3312	SP102	OTI-002				

*Use VIN search in Sens.it application, some exceptions may apply.

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES

Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)						
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)								
		Auto Relearn																								
Volkswagen (continued)																										
Tiguan	2009-11	Auto Relearn			VW-5	Siemens	1K0-907-253D	20088	20017	1053	1030K	21014	21027	17-30401	17-20202AK	92-1149	92-0235	SI253D	OSE-5001	71(8)			89(120)			
						Universal						21192	21194	17-43013	17-41051			SP101								
Tiguan	2012	✓	✓	✓	VW-7																		89(120)			
Touareg	2002-06	✓	✓	✓	VW-3	Beru	7L0-907-275	20084	20023 w/o valve	9005	1090K w/o valve	21025	21106 w/o valve	17-30108	17-20211AK w/o valve	92-1147	92-0261 w/o valve	BEB007	OBE-005	35(4)	35(4)	118(160)				
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170									
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175									
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142									
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143									
Universal					SP102																					
Touareg 2	2007-10	✓	✓	✓	VW-2	Beru	4F0-907-275B	20078	20023 w/o valve	9007	1090K w/o valve	21026	21106 w/o valve	17-30103	17-20211AK w/o valve	92-1147	92-0261 w/o valve	BEB007	OBE-007	35(4)	35(4)	118(160)				
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170									
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175									
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142									
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143									
Universal					21187*	21194	17-43014	17-41051																		
Touareg 2	2011-12	✓	✓	✓	VW-3	Beru	4F0-907-275D	20103	20023 w/o valve	9011	1090K w/o valve	21149	21106 w/o valve	17-30109	17-20211AK w/o valve	92-1160	92-0261 w/o valve	BEB008	OBE-011	35(4)	35(4)	118(160)				
									Silver 20037		Silver 1092		Silver 21079		Silver 17-50340		Silver 92-0170									
									Green 20038		Green 1093		Green 21078		Green 17-50342		Green 92-0175									
									Black 20039		Black 1094		Black 21077		Black 17-50344		Black 92-1142									
									Orange 20040		Orange 1095		Orange 21076		Orange 17-50346		Orange 92-1143									
Universal																										
Volvo																										
C30	2007-12	Auto Relearn			VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312	SC0297	OSE-1002	71(8)			81(110)			
						Siemens		20097	20030		1050K				17-30414	17-20201AK										Lugnut w/ fixed washer: 96(130)
						Universal									21187	21194	17-43014	17-41051				SP102				
C70	2006-07	Auto Relearn			VOL-1	Siemens	30681555	20097	20030	1044	1050K	21040	21102	17-30414	17-20201AK	92-1190	92-0150	SC0297	OSE-1002	71(8)			81(110)			
						Universal									21187	21194	17-43014	17-41051				SP102				Lugnut w/ fixed washer: 96(130)
C70	2008-12	Auto Relearn			VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312	SC0297	OSE-1002	71(8)			81(110)			
						Siemens		20097	20030		1050K				17-30414	17-20201AK										Lugnut w/ fixed washer: 96(130)
						Universal									21187	21194	17-43014	17-41051				SP102				
S40	2004-07	Auto Relearn			VOL-1	Siemens	30681555	20097	20030	1044	1050K	21040	21102	17-30414	17-20201AK	92-1190	92-0150	SC0297	OSE-1002	71(8)			81(110)			
						Universal									21187	21194	17-43014	17-41051				SP102				Lugnut w/ fixed washer: 96(130)
S40	2008-11	Auto Relearn			VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312	SC0297	OSE-1002	71(8)			81(110)			
						Siemens		20097	20030		1050K				17-30414	17-20201AK										Lugnut w/ fixed washer: 96(130)
						Universal									21187	21194	17-43014	17-41051				SP102				
S60 (315Mhz)	2004-08	Auto Relearn			VOL-1	Schrader	30748991	20156	20010	9156	2010K	21127	20010	17-20156	17-20010AK	92-1024	92-0195	OEC-6	OSC-0156	44(5)			103(140)			
						Universal									21193	91194	17-43013	17-41051				SP101				

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT VEHICLES																										
Make Model	Year	Relearn Required After:			Relearn Summary	Sensor Manuf.	OEM Sensor Part #	Schrader® Sensor Part#	Schrader® Service Pack#	Dill Sensor Part#	Dill Kit or Band #	Myers Sensor Part#	Myers Kit or Band#	31 Inc. Xtra Seal Sensor Part#	31 Inc. Xtra Seal Kit#	NAPA Sensor Part#	NAPA Kit#	Orange Electronic Sensor Part#	Oro-Tek Sensor Part#	Torque Specifications: Inch lbs. (Nm)						
		Change Air Pres.	Rotate	Replace Tire or Sensor				Schrader® EZ-Sensor® Part#	Continental REDI Sensor® Part #	Alligator Sens.it® Part #	Xtra Seal Smart Sensor Pro+ Part #	Continental REDI Sensor® Part #	Simple Sensor Part #	iORO Sensor Part#	Sensor Nut ¹	Torx Bolt	Worm Gear	Lug Nut Ft. lbs. (N.m)								
Volvo (continued)																										
S60 (snap-in)	2009-10	Auto Relearn	VOL-1	Schrader	31200923		20008		VS950		21060		17-20008		92-0145		OEC-6	OSC-0156		11.5			103(140)			
				Schrader		20156	20010	9156	2010K	21127	20010	17-20156	17-20010AK	92-1024	92-0195											
				Universal							21193	91194	17-43013	17-41051					SP101							
S60 (433Mhz)	2011-12	Auto Relearn	VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					103(140)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							
S80 (315Mhz)	2004-07	Auto Relearn	VOL-1	Schrader	30748991	20156	20010	9156	2010K	21127	20010	17-20156	17-20010AK	92-1024	92-0195		OEC-6	OSC-0156	44(5)					103(140)		
				Universal								21193	91194	17-43013	17-41051				SP101							
S80 (433Mhz)	2017-12	Auto Relearn	VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					103(140)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							
V50	2005-07	Auto Relearn	VOL-1	Siemens	30681555	20097	20030	1044	1050K	21040	21102	17-30414	17-20201AK	92-1190	92-0150		SC0297	OSE-1002	71(8)					81(110) Lugnut w/ fixed washer: 96(130)		
				Universal								21187	21194	17-43014	17-41051				SP102							
V50	2008-12	Auto Relearn	VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					81(110) Lugnut w/ fixed washer: 96(130)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							
V70 (315Mhz)	2004-07	Auto Relearn	VOL-1	Schrader	31200923	20156	20010	9156	2010K	21127	20010	17-20156	17-20010AK	92-1024	92-0195		SC8991		44(5)					103(140)		
				Universal								21193	91194	17-43013	17-41051				SP101							
V70 (433Mhz)	2008-10	Auto Relearn	VOL-1	Continental	31302097			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					103(140)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							
XC60	2010-12	Auto Relearn	VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					103(140)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							
XC70 (315Mhz)	2004-07	Auto Relearn	VOL-1	Schrader	30748991	20156	20010	9156	2010K	21127	20010	17-20156	17-20010AK	92-1024	92-0195		OEC-6	OSC-0156	44(5)					103(140)		
				Universal								21193	91194	17-43013	17-41051				SP101							
XC70 (433Mhz)	2018-12	Auto Relearn	VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					103(140)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							
XC90 (315Mhz)	2004-07	Auto Relearn	VOL-1	Schrader	30748991	20156	20010	9156	2010K	21127	20010	17-20156	17-20010AK	92-1024	92-0195		OEC-6	OSC-0156	44(5)					103(140)		
				Universal								21193	91194	17-43013	17-41051				SP101							
XC90 (433Mhz)	2008-12	Auto Relearn	VOL-1	Continental	31302096			1044	7020K	21040	21111		17-20720AK	92-1117	92-3312		SC0297	OSE-1002	71(8)					103(140)		
				Siemens		20097	20030		1050K			17-30414	17-20201AK													
				Universal							21187	21194	17-43014	17-41051					SP102							

¹ All Orange Electronic & Oro-Tek Sensor nut torques are 35 inch-pounds(4Nm)

IMPORT RELEARNS

Increase/decrease pressure steps can be replaced by placing antennae of TPMS learn tool over the sensor and pressing the tool's activate or test button.

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
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Hold down RESET button (on end of wiper lever) until DISPLAY TYPE is displayed. Press button on end of wiper lever to select SET. Press RESET button. Press button on end of wiper lever to select TIRE PRESSURE Press RESET button. Press button on end of wiper lever to select WHEEL CHANGE (select STORE PRESSURES if resetting air pressure). Press RESET button. Relearn can take 20 minutes to complete.
AU-2
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Press CAR function button. Select TIRE PRESSURE MONITORING. Select WHEEL CHANGE (select STORE CURR TIRE PRESSURES if resetting tire pressures). Relearn can take 20 minutes to complete.
AU-3
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Press CAR function button. Select TIRE PRESSURE MONITORING. Select INITIALIZE WHEELS (select STORE CURR TIRE PRESSURES if resetting tire pressures). Relearn can take 20 minutes to complete.
AU-4
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Press MENU knob on center console to access the start menu. Rotate MENU knob to position arrow by SET. Press MENU knob. Move arrow to TIRE PRESSURE. Press MENU knob. Move arrow to STORE PRESSURES. Press MENU knob, a check mark will appear to signal relearn completion. Exit out of tire menu. Vehicle will need to be driven several minutes to complete relearn process.
AU-5
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). Enter tire pressure mode. Press media control, located on center console. Let vehicle sit for 20 minutes. After 20 minutes, vehicle must be driven above 25mph for 10 minutes.
BMW-1
<p>Inflate all tires to pressure indicated on tire placard.</p> <p>If equipped with iDrive:</p> <ol style="list-style-type: none"> Turn ignition to ON position (engine off). Press iDrive controller to use i menu. Select SETTINGS, press iDrive controller. Select CAR/TIRES, press iDrive controller. You may need to switch to the top field, select TIRES:RDC, and press iDrive controller. Start engine. Select CONFIRM TIRE PRESSURE, press iDrive controller. Vehicle must be driven to complete relearn. <p>If not equipped with iDrive:</p> <ol style="list-style-type: none"> Start engine. Hold turn signal lever in the up or down position until TPMS telltale and RESET are displayed. Press button at end of turn signal lever. Press and hold button at end of turn signal lever until a check appears after RESET. Vehicle must be driven to complete relearn.

BMW-2
<p>Inflate all tires to pressure indicated on tire placard.</p> <p>If equipped with iDrive:</p> <ol style="list-style-type: none"> Turn ignition to ON position (engine off). Select SETTINGS from iDrive menu. Select VEHICLE. Select TPM. Select RESET. <p>If not equipped with iDrive:</p> <ol style="list-style-type: none"> Turn ignition to ON position (engine off). Hold down TIRE PRESSURE WARNING or RDC button (located on instrument panel) until TPMS telltale is illuminated. Vehicle must be driven to complete relearn.
HON-1
A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.
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.
HYN-1
A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.
INF-1
A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.
ISZ-1
<ol style="list-style-type: none"> Apply parking brake. Turn ignition to ON position (engine off). 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. Starting at the LF tire, increase/decrease pressure until horn sounds. After horn sounds, proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR. After LR sensor has been learned, turn ignition to OFF position. Adjust all tires to pressure listed on tire placard.
ISZ-2
A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.
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.
LEX-1
<p>Initialization following rotation and tire replacement:</p> <ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). Hold down tire pressure warning reset switch until TPMS telltale blinks 3 times. PRESSURE INITIAL is displayed. It will take several minutes for the ECU to receive signals from the sensors and complete initialization. <p>* A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.</p> <p>**Vehicle may be equipped with a Main/2nd switch located at base of driver side knee bolster, underneath glove box, or inside glove box. Sensor IDs must be written to the position the switch is pressed.</p>
LEX-2
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position. Hold down tire pressure warning reset switch until Pressure Initial indicator is displayed. Vehicle will have to be driven at speeds above 19mph to complete initialization.

LEX-3
A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. **Vehicle may be equipped with a Main/2nd switch located at base of driver side knee bolster, underneath glove box, or inside glove box. Sensor IDs must be written to the position the switch is pressed.
LEX-4
<p>Initialization following rotation and tire replacement:</p> <ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Apply parking brake and turn ignition to ON position (engine off). Hold down tire pressure warning reset switch until TPMS telltale blinks 3 times. It will take several minutes for the ECU to receive signals from the sensors and complete initialization <p>* A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.</p> <p>**Vehicle may be equipped with a Main/2nd switch located at base of driver side knee bolster, underneath glove box, or inside glove box. Sensor IDs must be written to the position the switch is pressed."</p>
LEX-5
<p>Initialization following rotation and tire replacement:</p> <ol style="list-style-type: none"> Turn ignition to LOCK position. Inflate all tires to pressure indicated on tire placard. Start engine. Hold down tire pressure warning reset switch until TPMS telltale blinks 3 times. In several minutes, the multi-information display will display the air pressure in all 5 tires. Turn engine off. <p>*A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.</p>
LR-1
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.
MAY-1
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). Press arrow key (located on steering wheel) until tire air pressure is displayed on the combination instrument. Press the right reset button on the combination instrument. Speedometer will display: MONITOR CURRENT TIRE PRESSURE?: select YES. Speedometer will display: TIRE PRESSURE CONTROL ACTIVE! The sensors will begin to monitor the pressure of all 4 tires. The message, TIRE PRESSURE CONTROL. PRESSURE DISPLAY AFTER SEVERAL MINUTES OF TRAVELING, will be displayed until pressure values can be stored.
MAZ-1
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON, then to OFF. Wait 15 minutes. Drive vehicle above 12mph for several minutes. Sensor IDs will then register.
MAZ-2
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to OFF position and press and release brake pedal. Cycle ignition from OFF to RUN position 3 times, ending in RUN position. Press and release brake pedal. Turn ignition to OFF position. Cycle ignition from OFF to RUN position 3 times, ending in RUN position. 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 180° from valve stem to activate sensor. Horn will sound once sensor has been recognized. Repeat step for RF, RR, and LR tires. 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.

IMPORT RELEARNS

Increase/decrease pressure steps can be replaced by placing antennae of TPMS learn tool over the sensor and pressing the tool's activate or test button.

MER-1
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). Press UP/DOWN button (on left side of steering wheel) until RUN FLAT INDICATOR ACTIVE. REACTIVATION POSS.: + is displayed. Press + button until TIRE PRES. NOW OK? NO YES is displayed. Press + button, RUN FLAT INDICATOR REACTIVATED is displayed.
MER-2
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). Press UP/DOWN button (on left side of steering wheel) until TIRE PRESSURE MONITOR CONNECTED REACTIVATION USING + is displayed. Press + button, TIRE PRES. NOW OK? is displayed. Press + button, TIRE PRESSURE MONITOR REACTIVATED is displayed.
MER-3
<p>Reset Air Pressure</p> <ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). Press forward/back button on steering wheel until trip and odometer are displayed. Press UP/DOWN button until tire inflation pressure monitor is displayed. Hold down reset button (located on instrument cluster) until MONITOR CURRENT TIRE PRESSURE? is displayed. Press + button, TIRE PRESS. MONITOR-ACTIVATED!-PRESS. DISPLAY AFTER DRIVING A FEW MINS. is displayed. If REACTIVATE-TIRE PRESS. MONITOR! appears, repeat relearn procedure. If TIRE PRESSURE-CHECK TIRES! appears, indicates tire pressure too low, adjust pressures accordingly. <p>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.</p>
MIN-1
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Start engine. Hold reset button until TPMS telltale illuminates. Initialization will be completed once vehicle is driven.
MIN-2
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). 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. Drive vehicle to complete initialization.
MIT-1
<p>A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.</p>
NIS-1
<p>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.</p>
POR-1
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Under MAIN MENU, select TIRE PRESSURE, the SETTINGS. Select tire type and size. Wheel positions are learned during normal driving conditions.
POR-2
<p>Ensure all tires are inflated to the pressure listed on the tire placard. System relearns during normal driving conditions.</p>

SAB-1
<p>Ensure all tires are inflated to the pressure listed on the tire placard. System relearns during normal driving conditions.</p>
SAB-2
<ol style="list-style-type: none"> Apply parking brake. Turn ignition to ON position (engine off). 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. Starting at the LF tire, increase/decrease pressure until horn sounds. After horn sounds, proceed as in step 3 for the next 3 sensors in the following order: RF, RR, LR. After LR sensor has been learned, turn ignition to OFF position. Adjust all tires to pressure listed on tire placard.
SM-1
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Press the TPM (RDK) button on the cockpit switch panel. The MIL will flash momentarily to indicate a manual relearn has been initiated. Relearn will be complete once vehicle has been driven.
SUB-1
<p>A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.</p>
SUZ-1
<p>A properly formatted scan tool is required to learn new sensor IDs when replacing sensors.</p>
SUZ-2
<ol style="list-style-type: none"> Inflate all tires to pressure indicated on tire placard. Turn ignition to ON position (engine off). 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. 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. When each sensor ID has been received by control module, TPMS telltale will be displayed for 5 seconds.
SUZ-3
<ol style="list-style-type: none"> If equipped with standard entry system, turn ignition to the ON position, then proceed to step 4. If equipped with keyless entry system, turn ignition to the ACC position. Using keyless entry system: hold lock and unlock buttons simultaneously until horn sounds, and then LF turn signal will become illuminated, proceed to step 5. Using DIC: press and release INFO button until TIRE LEARN message is indicated on display. Hold down SET/RESET button until horn sounds and LF turn signal is illuminated. Starting with LF tire, increase/decrease tire pressure until horn sounds. After horn sounds proceed as in step 5 for the next 3 sensors in the following order: RF, RR, LR. After completing LR tire, horn will sound twice. Turn ignition to OFF position to exit vehicle learn mode. Adjust all tires to pressure listed on tire placard.
TOY-1
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Turn ignition to ON position (engine off). If TPMS telltale is flashing, hold down tire pressure reset button (located on instrument panel, knee bolster, or inside glove box) until telltale goes off. Once TPMS telltale is off, hold down tire pressure reset button until TPMS telltale flashes 3 times. Drive vehicle at 19mph or more for over an hour to complete initialization.
TOY-2
<p>Initialization following rotation and tire replacement:</p> <ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Turn ignition to ON position (engine off). Hold down tire pressure reset button (located on instrument panel, knee bolster, or inside glove box) until TPMS telltale flashed 3 times. Initialization will be completed when ECU has received signals from all sensors. Process may take 2-3 minutes. If initialization is not complete, drive vehicle for approximately 20 minutes. <p>* A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. **Vehicle may be equipped with a Main/2nd switch located at base of driver side knee bolster, underneath glove box, or inside glove box. Sensor IDs must be written to the position the switch is pressed."</p>

TOY-3
<p>A properly formatted scan tool is required to learn new sensor IDs when replacing sensors. **Vehicle may be equipped with a Main/2nd switch located at base of driver side knee bolster, underneath glove box, or inside glove box. Sensor IDs must be written to the position the switch is pressed.</p>
VW-1
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Turn ignition to ON position (engine off). Enter the information center setup menu and select TIRE PRESSURE. Select STORE. SYSTEM LEARNING will appear on the display and disappear after several minutes of driving.
VW-2
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Press VEHICLE button to access tire pressure control menu. Press the RDK key to enable tire pressure control. If equipped with sensor in spare wheel, select SPARE WHEEL MONITORING Press NEW TARGET PRESSURES key. The current pressures can now be saved.
VW-3
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Turn ignition to ON position (engine off). Press the MENU button located on Instrument Cluster. Use thumbnail knob to select TIRE PRESSURE. Press thumbnail knob to select. Use thumbnail knob to select STORE. Press thumbnail knob to select.
VW-4
<p>Relearn Following Tire Rotation/Replacement</p> <ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Apply parking brake and turn ignition to the ON position (engine off). 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. ** <p>Relearn Following Sensor Replacement</p> <ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Apply parking brake. Vehicle needs to stand for 20 minutes in order for control module to enter learn mode. Drive vehicle above 16mph to register sensor IDs.
VW-5
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Drive vehicle above 16mph to register sensor IDs.
VW-6
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Press the SET button, located in the glove box, for a minimum of two seconds. The TPMS Telltale will go out after an audible chime.
VW-7
<ol style="list-style-type: none"> Inflate all tires to pressure listed on tire placard. Navigate through the vehicle menu, by using controls on steering wheel, until tire information is found. Select the relearn option and follow on-screen prompts.
VOL-1
<p>Ensure all tires are inflated to the pressure 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.</p>

DISCLAIMER

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