



TPMS

Tire Pressure Monitoring Systems

**TPMS APPLICATION &
COMPLETE CROSS REFERENCE**



OE Replacement Sensors



Superior Quality Low Cost Sensors

100% Compatible OE Sensors!



Orange Electronics specialize in the manufacture of automotive electronic components/systems for multiple OEM's (Original Equipment Manufacturer) & ODM's (Original Design Manufacturer, private label).

We continue to invest heavily in research and development of tire pressure monitoring systems making them more accurate and easier to use.

We pride ourselves with providing world-class quality components to major manufactures of various sophisticated TPMS systems worldwide.

Orange Electronics offer a wide range of product development strategies; we can take your ideas from conception & initial prototype designs through small or large-scale production. We constantly strive to exceed our customer's component requirements & deadlines.

During 2006 TPMS became mandatory for all passenger vehicles in the USA, TPMS will also become mandatory within the EU for 2012 model year vehicles, China and Japan are set to follow suit soon afterwards.

Orange have been tirelessly developing OE Replacement sensors for over 10 years in order to meet our global marketing strategy, our tire pressure monitoring sensors are of the highest quality and offer a significant price advantage over our competition of up to 40%. We are also the only one manufacture who can provide sensors for imported vehicles manufactured for different regions.

Our sensors are of a two-piece design our sensor body is separate to the valve stem, this allows for the valve stem to be replaced without replacing the sensor, which can result in a significant cost saving over replacing the whole TPMS unit as with other manufactures models.

Orange Family



OE Replacement Sensor



Retrofit TPMS

Orange Electronics evolved out of the early development in TPMS technology, one of the main obstacles back then was the development of a reliable radio transmitter that would operate within a conventional tire case, which are traditionally constructed of a wire/steel core, and this proved to be somewhat problematic initially.

Over the following years Orange Electronics have continued to been a leading force in the development of RF technology used in modern tire pressure monitoring systems.

Orange Electronics lead the way in being the first company to achieve the Japanese ARIB certification, which is widely accepted as a challenging standard to achieve due in part to the very low useable frequency range allotted by the Japanese authorities for use with TPMS devices.





Tire Pressure Monitoring System

OE Replacement Sensors



Superior Quality Low Cost Sensors

- 24 Hr Real Time
- 7 - Year Battery Life
- Patented Antenna
- 100% Compatible OE Sensors



Industry
Canada



Orange Electronic North America

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Maineville, Ohio 45039

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Fax: 513-831-0730 • www.orange-tpms-usa.com



Tire Pressure Monitoring System

⚠️ OE Replacement Sensors

Specifications of Orange TPMS Replacement Sensor

Battery life	7 years under normal conditions.
Storage temperature	-40°C ~ 125°C
Operating temperature	-30°C ~ 105°C
Operating humidity	Max 95%
Operating frequency	315 / 433.92 MHz
Pressure monitoring range	0kPa ~ 535kPa or 0Bar ~ 5.35Bar or 0psi ~ 77psi
Pressure reading accuracy	±10kPa or ±0.1Bar or ±1 psi (at normal pressure)
Temperature reading accuracy	± 4°C in normal environmental condition.
Transmitting power	Max 5dBm
Power supply	3.6V Lithium battery
Modulation	ASK / FSK
Sensor sample rate	Same as OE Sensor
Sample data transfer	Same as OE Sensor
Sensor Weight	35g (With Valve)
Valve	6061 Aircraft grade aluminum with Stainless Steel Core

Features of Orange TPMS Replacement Sensor

1	Real Time Data	Continuous monitoring detects pressure and temperature every 3 seconds and transmits the tire data every 30 seconds 24 hours a day.
2	Battery Life	Lithium battery is a military grade battery with a 7 year life (under normal conditions). This qualifies for the car manufacturer's requirement of 040 ~ 125C.
3	100% Compatible	We GUARANTEE compatibility with OE Sensor.
4	Changeable Valve	The 2-piece design allows you to replace the valve ONLY! If the valve breaks or needs replacement, the costly sensor remains in the tire for long term use, therefore saving you money!



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Orange Programmable Sensor System - OPSS



**Program the Sensor
Not the Vehicle**

.....

**Streamline Your
TPMS Installation**

Eliminates:

- OBD Tool Activation**
- Vehicle Relearning**
- TPMS Retriggering Mode**





Orange Programmable Sensor System - OPSS

Designed Specifically for Vehicles that require OBD Activation.

Keep the TPMS Revenue In Your Shop!

Today's Asian vehicles such as *Nissan, Toyota, Lexus & Honda* require expensive OBD tools to activate newly installed TPMS sensors. Until now this process required you to either purchase a costly OBD tool or alternatively send the customer back to the auto dealer and risk losing the potential TPMS revenues.

Benefits of the Orange Programmable Sensor System-OPSS

1. **Eliminate the Vehicle Relearn Mode** - The Orange System will duplicate the original OE sensors ID number. The vehicle ECU will recognize the OPSS Orange programmed sensor (OPSS) as the original OE sensor.
2. **Eliminate the TPMS Re-Trigger Process** - The newly programmed Orange sensor will have the identical ID as OE sensor therefore no equipment is required for TPMS trigger process.
3. **Eliminate Need for Expensive OBD Tool** - Given that the Sensor ID is identical to OE sensors there is no need for Vehicle TPMS retraining.
4. **Save Money** - OBD tools average about \$1,500. Eliminate the need to stock your stores with expensive hardware.
5. **Save Time** - Time in Money, by reprogramming the sensor with OPSS it eliminates the need for your mechanic to activate the sensor via the time consuming OBD process.
6. **Increase Your Profits** - The OPSS will not only save you time, it will increase your profits by keeping the TPMS customers in your shop..

Six Easy Steps



Turn on ID Programmer

Find out OE sensor ID #

Input OE sensor ID #

Press "TX" key

ID-Writing processing

Wait for "OK"



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Orange TPMS Sensor Application



Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Acura	CSX	2008-2009	42753-SNA-A83	HOSNAA83	✓	-	1212	TRW
	MDX	2004-2006	06421-S3V-A04	HOS3VA07	✓	28981	1057	TRW
	MDX	2007-2010	42753-STK-A03	HOSTKA03	✓	-	1209	Pacific
	RDX	2007-2010	42753-STK-A03	HOSTKA03	✓	-	1209	Pacific
	RL	2005-2008	06421-S3V-A04	HOS3VA07	✓	28981	1057	TRW
	RL	2009-2010	42753-SHJ-A53	HOSHJA53	✓	-	1211	TRW
	TL	2006-2008	06421-S3V-A04	HOS3VA07	✓	28981	1057	TRW
	TSX	2007-2008	42753-STK-A03	HOSTKA03	✓	-	1209	Pacific

Audi	A3(315Mhz)	2006-2010	1K0907253D	SI253D		-	1053	Siemens
	A4 (315Mhz)	2009-2010	1K0907253D	SI253D		-	1053	Continental
	A5(315Mhz)	2008-2010	1K0907253D	SI253D		-	1053	Siemens
	Q5(315Mhz)	2009-2010	1K0907253D	SI253D		-	1053	Continental
	S5(315Mhz)	2008-2010	1K0907253D	SI253D		-	1053	Siemens
	TT(315Mhz)	2007-2010	1K0907253D	SI253D		-	1053	Siemens

Buick	Allure	2007-2008	15921013	SI1013		20158	1047	Siemens
	Allure	2009	25920615	SC4101		20153	9153	Schrader
	Enclave	2008	15921013	SI1013		20158	1047	Siemens
	Enclave	2009-2010	25920615	SC4101		20153	9153	Schrader
	LaCrosse	2007-2008	15921013	SI1013		20158	1047	Siemens
	LaCrosse	2009-2010	25920615	SC4101		20153	9153	Schrader
	Lucerne	2007	25799331	SC4101		20153	9153	Schrader
	Lucerne	2008-2010	25920615	SC4101		20153	9153	Schrader
	Ranier	2006-2007	25774006	SC4006		20116	9116	Schrader
	Ranier	2007	25799331	SC4101		20153	9153	Schrader

Cadillac	CTS	2004-2007	25774006	SC4006		20116	9116	Schrader
	CTS	2008-2010	25920615	SC4101		20153	9153	Schrader
	Deville	2001-2005	25773946	SC3946		20117	9117	Schrader
	DTS	2006	15268606	SC8606		20158	1047	Schrader
	DTS	2007-2010	25920615	SC4101		20153	9153	Schrader
	Escalade	2004	15136883	SC2575		20115	9115	Schrader

*Orange Programmable Sensor

Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Cadillac	Escalade	2005-2006	15114379	SC4379		20107	9107	Schrader
	Escalade	2007-2010	25920615	SC4101		20153	9153	Schrader
	Seville	2001-2004	25773946	SC3946		20117	9117	Schrader
	SRX	2004-2006	25774006	SC4006		20116	9116	Schrader
	SRX	2007-2009	25920615	SC4101		20153	9153	Schrader
	STS	2005-2008	25758220	SC8220		20076	9076	Schrader
	STS	2009	15268606	SC8606		20158	1047	Schrader
	STS	2010	25920615	SC4101		20153	9153	Schrader
	XLR	2004-2009	25758220	SC8220		20076	9076	Schrader

Chevrolet	Avalanche	2004	15136883	SC2575		20115	9115	Schrader
	Avalanche	2005-2006	15114379	SC4379		20107	9107	Schrader
	Avalanche	2007-2010	25920615	SC4101		20153	9153	Schrader
	Aveo	2007-2010	25920615	SC4101		20153	9153	Schrader
	Camaro	2010	12768826	SC4101		20153	9153	Schrader
	Cobalt	2008-2009	15921013	SI1013		20158	1047	Siemens
	Cobalt	2009	25920615	SC4101		20153	9153	Schrader
	Colorado	2007-2010	15122618	SC2618		20131	9131	Schrader
	Corvette	2001-2004	25773946	SC3946		20117	9117	Schrader
	Corvette	2005-2009	25758220	SC8220		20076	9076	Schrader
	Corvette	2010	15268606	SC8606		20158	1047	Schrader
	Equinox	2007-2009	15921013	SI1013		20158	1047	Siemens
	Equinox	2010	12768826	SC4101		20153	9153	Schrader
	Express Series Van	2008-2009	15921013	SI1013		20158	1047	Siemens
	Express Series Van	2010	25920615	SC4101		20153	9153	Schrader
	HHR	2008-2009	15921013	SI1013		20158	1047	Siemens
	HHR	2009	25920615	SC4101		20153	9153	Schrader
	Impala	2006-2007	15268606	SC8606		20158	1047	Schrader
	Impala	2007-2010	25920615	SC4101		20153	9153	Schrader
	Malibu	2008	15921013	SI1013		20158	1047	Siemens
	Malibu	2008-2009	25920615	SC4101		20153	9153	Schrader
	Monte Carlo	2006-2007	15268606	SC8606		20158	1047	Schrader
	Monte Carlo	2007	25799331	SC4101		20153	9153	Schrader
	Silverado	2004	15136883	SC2575		20115	9115	Schrader
	Silverado	2005-2006	15114379	SC4379		20107	9107	Schrader
	Silverado	2007-2010	25920615	SC4101		20153	9153	Schrader
	SSR	2006-2007	25774006	SC4006		20116	9116	Schrader
	Suburban	2004	15136883	SC2575		20115	9115	Schrader
	Suburban	2005-2006	15114379	SC4379		20107	9107	Schrader
	Suburban	2007-2010	25920615	SC4101		20153	9153	Schrader
	Tahoe	2004	15136883	SC2575		20115	9115	Schrader

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Chevrolet	Tahoe	2005-2006	15114379	SC4379		20107	9107	Schrader
	Tahoe	2007-2010	25920615	SC4101		20153	9153	Schrader
	Trailblazer	2006-2009	25774006	SC4006		20116	9116	Schrader
	Traverse	2009-2010	25920615	SC4101		20153	9153	Schrader
	Uplander	2008-2009	15268606	SC8606		20158	1047	Schrader
	Volt	2010	12768826	SC4101		20153	9153	Schrader

Chrysler	300	2005-2007	68111696AA	SC36AA		20066	1051	Siemens
	300	2008	68001698AA	SI1698		28155	1043	Siemens
	300	2009	56029400AC	SC9400		28291	9214	Schrader
	300M	2002-2004	52088990AC	SC90AC		20028	9028	Schrader
	Aspen	2007-2009	56053030AB	SC36AA		20066	1051	Schrader
	Challenger	2009-2010	56029400AC	SC9400		28291	9214	Schrader
	Charger	2009	56029400AC	SC9400		28291	9214	Schrader
	Concorde	2002-2004	52088990AC	SC90AC		20028	9028	Schrader
	Crossfire	2004	52088990AC	SC90AC		20028	9028	Schrader
	Crossfire	2005-2008	56053030AB	SC36AA		20066	1051	Schrader
	Crossfire	2006-2008	52088990AC	SC90AC		20028	9028	Schrader
	Magnum	2009	56029400AB	SC9400		28291	9214	Schrader
	Pacifica	2004	52088990AC	SC90AC		20028	9028	Schrader
	Pacifica	2004-2005	04727392AB	SI35AD		20335	1052	Siemens
	Pacifica	2006-2008	68001696AA	SC36AA		20066	1051	Siemens
	Prowler	2002	52088990AC	SC90AC		20028	9028	Schrader
	PT Cruiser	2008-2010	68001696AA	SC36AA		20066	1051	Siemens
	Sebring(315MHz)	2007-2010	68001696AA	SC36AA		20066	1051	Siemens
	Sebring (433 MHz)	2008-2009	68001698AA	SI1698		28155	1043	Siemens
	Town & Country	2002-2003	52088990AC	SC90AC		20028	9028	Schrader
Town & Country	2004-2005	04727392AB	SI35AD		20335	1052	Siemens	
Town & Country	2006-2007	56053030AB	SC36AA		20066	1051	Siemens	
Town & Country	2008-2010	68001698AA	SI1698		28155	1043	Siemens	
Voyager	2002-2003	52088990AC	SC90AC		20028	9028	Schrader	

Dodge	Avenger	2008-2010	68001696AA	SC36AA		20066	1051	Siemens
	Caliber	2007-2010	68001696AA	SC36AA		20066	1051	Siemens
	Caravan	2002-2003	52088990AC	SC90AC		20028	9028	Schrader
	Caravan	2004-2005	04727392AB	SI35AD		20335	1052	Siemens
	Caravan	2006-2007	56053030AB	SC36AA		20066	1051	Siemens
	Challenger	2008	68001698AA	SI1698		28155	1043	Siemens
	Challenger	2009-2010	56029400AC	SC9400		28291	9214	Schrader
	Charger	2006	56053030AB	SC36AA		20066	1051	Siemens
	Charger	2007	68001696AA	SC36AA		20066	1051	Siemens

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Dodge	Charger	2008	68001698AA	SI1698		28155	1043	Siemens
	Charger	2009	56029400AC	SC9400		28291	9214	Schrader
	Durango	2007-2008	56053030AB	SC36AA		20066	1051	Schrader
	Durango	2009	56029465AB	SC36AA		20066	1051	Schrader
	Grand Caravan	2002-2003	52088990AC	SC90AC		20028	9028	Schrader
	Grand Caravan	2004-2005	04727392AB	SI35AD		20335	1052	Siemens
	Grand Caravan	2006-2007	56053030AB	SC36AA		20066	1051	Siemens
	Grand Caravan	2008-2010	68001698AA	SI1698		28155	1043	Siemens
	Intrepid	2002-2004	52088990AC	SC90AC		20028	9028	Schrader
	Journey	2009-2010	68001698AA	SI1698		28155	1043	Siemens
	Magnum	2005-2006	56053030AB	SC36AA		20066	1051	Siemens
	Magnum	2007	68001696AA	SC36AA		20066	1051	Siemens
	Magnum	2008	68001698AA	SI1698		28155	1043	Siemens
	Magnum	2009	56029400AC	SC9400		28291	9214	Schrader
	Nitro	2007-2010	56029465AB	SC36AA		20066	1051	Schrader
	Sprinter	2007-2009	68038945AA	SI8945		-	1042	Siemens
	Stratus	2007	56053030AB	SC36AA		20066	1051	Siemens
	Viper	2003-2009	52088990AC	SC90AC		20028	9028	Schrader

Ford	Crown Victoria	2006-2010	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	E Series Van	2007-2010	8C2T1A150BA 8C2Z1A189A	LE8C2T		28395	1048-HP	Ford/Lear
	E Series Van	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Edge	2007-2010	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Escape	2006-2008	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Escape	2009-2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Expedition	2003-2004	4L2T1A150BA	SC50BA		20096	9096	Schrader
	Expedition	2005-2006	5L7T1A150AB	SC50AA		20135	9135	Schrader
	Expedition	2007-2010	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Explorer	2002-2005	4L2T1A150BA	SC50BA		20096	9096	Schrader
	Explorer	2006-2010	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	F Series (Super Duty) (F250/F350)	2007-2010	8C2T1A150BA 8C2Z1A189A	LE8C2T		28395	1048-HP	Ford/Lear
	F Series	2009-2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	F150	2007-2008	6F2Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Fiesta	2011	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Ford	Five Hundred	2006-2007	6F2Z1A189A-6L2T1A150AA-6F2A1A176AE-6F2T1A150AE	LE6L2T		28385	1048	Ford/Lear
	Focus	2007-2009	6F2Z1A189A-7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Focus	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Freestar	2004-2005	5L7T1A150AB	SC50AA		20135	9135	Schrader
	Freestar	2006-2007	6F2Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Fusion	2008-2009	6F2Z1A189A-7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Fusion	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Mustang	2007-2009	6F2Z1A189A-7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Mustang	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Ranger	2007-2010	6F2Z1A189A-7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Sport Trac	2007-2010	6F2Z1A189A-7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Taurus	2008-2010	6F2Z1A189A-7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Transit	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader

GMC	Acadia	2007-2008	15921013	SI1013		20158	1047	Siemens
	Acadia	2009-2010	25920615	SC4101		20153	9153	Schrader
	Canyon	2007-2010	15122618	SC2618		20131	9131	Schrader
	Envoy	2005-2006	25774006	SC4006		20116	9116	Schrader
	Envoy	2007-2009	25920615	SC4101		20153	9153	Schrader
	Savana	2008-2009	15921013	SI1013		20158	1047	Siemens
	Savana	2010	25920615	SC4104		20153	9153	Schrader
	Sierra	2004	15136883	SC2575		20115	9115	Schrader
	Sierra	2005-2006	15114379	SC4379		20107	9107	Schrader
	Sierra	2007	15825475	SC8606		20158	1047	TRW
	Sierra	2007-2009	25920615	SC4101		20153	9153	Schrader
	Terrain	2010	12768826	SC4101		20153	9153	Schrader
	Yukon	2004	15136883	SC2575		20115	9115	Schrader
	Yukon	2005-2006	15114379	SC4379		20107	9107	Schrader
	Yukon	2007	15825475	SC8606		20158	1047	TRW
	Yukon	2007-2009	25920615	SC4101		20153	9153	Schrader

Honda	Accord	2008-2010	42753-SWA-316	HOSWA306	✓	-	1208	Pacific
	Civic	2008-2010	42753-SNA-A83	HOSNAA83	✓	-	1212	TRW
	CR-V(Steel)	2007-2010	42753-SWA-315	HOSWA305	✓	-	-	Pacific

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Honda	CR-V(Alloy)	2007-2010	42753-SWA-316	HOSWA306	✓	-	1208	Pacific
	Element	2006-2008	06421-SCV-A00	HOSCVA00	✓	-	1058	TRW
	Element	2009-2010	42753-SNA-A83	HOSNAA83	✓	-	1212	TRW
	Fit	2008	42753-SWA-316	HOSWA306	✓	-	1208	Pacific
	Fit	2009-2010	42753-SNA-A83	HOSNAA83	✓	28720	1212	TRW
	Odyssey Touring	2005-2007	06421-S3V-A04	HOS3VA04	✓	28981	1057	TRW
	Odyssey	2008-2010	42753-SHJ-A82	HOSHJA82	✓	28981	1058	TRW
	Odyssey	2007	06421-SCV-A00	HOSCVA01	✓	28981	1058	TRW
	Odyssey Touring	2008-2010	42753-SHJ-A53	HOSHJA53	✓	28981	1057	TRW
	Pilot(Steel)	2005-2008	06421-S9V-A03	HOS9VA03	✓	28982	1059	TRW
	Pilot(Steel)	2009-2010	42753-SZA-A12	HOSZAA12	✓	-	-	Pacific
	Pilot(Alloy)	2005-2008	06421-S3V-A04	HOS3VA04	✓	28981	1057	TRW
	Pilot(Alloy)	2009-2010	42753-STK-A03	HOSTKA03	✓	-	1209	Pacific
	Ridgeline(Steel)	2006-2008	06421-S9V-A03	HOS9VA03	✓	28982	1059	TRW
	Ridgeline(Steel)	2009-2010	06421-S3V-A04	HOS3VA04	✓	28981	1057	TRW
	Ridgeline(Alloy)	2006-2008	06421-S3V-A04	HOS3VA04	✓	28981	1057	TRW
S2000	2008-2009	42753-S2A-315	HOS2A315	✓	-	-	Pacific	

Hummer	H2	2008-2009	25920615	SC4101		20153	9153	Schrader
	H3	2006-2010	15122618	SC2618		20131	9131	Schrader

Hyundai	Accent	2008-2010	52933-2F000	HY2F000	✓	28849	1029	TRW
	Azera	2008-2010	52933-2G200	HY2G200	✓	-	1068	Beru
	Elantra	2007-2010	52933-2G200	HY2G200	✓	-	1068	Beru
	Genesis	2009-2010	52933-2F000	HY2F000	✓	28849	1029	TRW
	Santa Fe	2010	52933-2G200	HY2G200	✓	-	1068	Beru
	Sonata	2007-2008	52933-1 F000	HY1F000	✓	28849	1058	TRW
	Sonata	2008-2010	52933-2F000	HY2F000	✓	28849	1029	TRW
	Tiburon	2007-2008	52933-1 FA00	HY1FA00	✓	28983	1058	TRW
	Tucson	2006-2009	52933-1 FA00	HY1FA00	✓	28983	1058	TRW
	Veracruz	2007-2010	52933-2G200	HY2G200	✓	-	1068	Beru

Infiniti	EX35	2008	40700-CD001	SCD001	✓	20064	9064	Schrader
	EX35	2009-2010	40700-JK00B	SCA01B	✓	28204	9204	Schrader
	FX35	2003-2008	40700-CD001	SCD001	✓	20064	9064	Schrader

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Infiniti	FX35	2009-2010	40700-JK00B	SCA01B	✓	28210	9204	Schrader
	FX45	2003-2008	40700-CD001	SCD001	✓	20064	9064	Schrader
	FX50	2009-2010	40700-JK00B	SCA01B	✓	28210	9204	Schrader
	G35	2003-2006	40700-CD001	SCD001	✓	20064	9064	Schrader
	G35	2007-2008	40700-JK00B	SCA01B	✓	28204	9204	Schrader
	G37	2008-2010	40700-JK00B	SCA01B	✓	28216	9204	Schrader
	M35	2006-2008	40700-CD001	SCD001	✓	20064	9064	Schrader
	M35	2009-2010	40700-JA01C	SCA01B	✓	28204	9204	Schrader
	M45	2003-2008	40700-CD001	SCD001	✓	20064	9064	Schrader
	M45	2009-2010	40700-JA01C	SCA01B	✓	28204	9204	Schrader
	Q45	2003-2006	40700-CD001	SCD001	✓	20064	9064	Schrader
	QX4	2003	40700-CD001	SCD001	✓	20064	9064	Schrader
	QX56(Steel)	2004-2008	40700-CK002	SCK002	✓	20069	9069	Schrader
	QX56(Alloy)	2004-2008	40700-CK001	SCK001	✓	20161	9161	Schrader
	QX56	2009-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader

Isuzu	Ascender	2006-2008	25774006	SC4006		20116	9116	Schrader
	1-290	2007-2008	15122618	SC2618		20131	9131	Schrader
	1-370	2007-2008	15122618	SC2618		20131	9131	Schrader
	Rodeo	2004	52088990AC	SC90AC		20028	9028	Schrader

Jaguar	S	2007-2008	C2Z15017	SI5950		-	1055	Siemens
	XF	2009-2010	C2Z15017	SI5950		-	1055	Siemens
	XJ	2004-2010	C2Z15017	SI5950		-	1055	Siemens
	XK	2006-2010	C2Z15017	SI5950		-	1055	Siemens

Jeep	Commander	2006-2007	56053030AB	SC36AA		20066	1051	Siemens
	Commander	2008-2010	56029359AB	SI1698		28155	1043	Siemens
	Compass	2007-2010	68001696AA	SC36AA		20066	1051	Siemens
	Grand Cherokee	2002-2004	52088990AC	SC90AC		20028	9028	Schrader
	Grand Cherokee	2005-2007	56053030AB 56053066AA	SC36AA		20066	1051	Siemens
	Grand Cherokee	2008-2010	56029359AB	SI1698		28155	1043	Siemens
	Liberty	2004	52088990AC	SC90AC		20028	9028	Schrader
	Liberty	2005-2006	56053030AB	SC36AA		20066	1051	Siemens
	Liberty	2007-2008	56029465AB	SC36AA		20066	1051	Siemens
	Liberty	2009	56029359AB	SI1698		28155	1043	Siemens
	Patriot	2007-2010	68001696AA	SC36AA		20066	1051	Siemens
	Wrangler	2007-2008	56029465AB	SC36AA		20066	1051	Siemens
	Wrangler	2009	56029359AB	SI1698		28155	1043	Siemens
	Wrangler	2010	56029465AB	SC36AA		20066	1051	Siemens

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
KIA	Amanti	2007-2009	52933-1 FA00	HY1FA00	✓	28983	1058	TRW
	Amanti	2010	52933-2G200	HY2G200	✓	-	1065	Beru
	Borrego	2009-2010	52933-2F000	HY2F000	✓	28849	1029	TRW
	Mohave	2009	52933-2F000	HY2F000	✓	28849	1029	TRW
	Optima	2006-2010	52933-2G200	HY2G200	✓	-	1068	Beru
	Rio	2007-2009	52933-2F000	HY2F000	✓	28849	1029	TRW
	Rondo	2006-2010	52933-2G200	HY2G200	✓	-	1068	TRW
	Sedona	2009-2010	52933-2G200	HY2G200	✓	-	1068	Beru
	Sorento	2007-2009	52933-1 FA00	HY1FA00	✓	28983	1057	TRW
	Spectra	2006-2009	52933-2F000	HY2F000	✓	28849	1029	TRW
	Sportage	2006-2008	52933-1 FA00	HY1FA00	✓	28983	1057	TRW
	Sportage	2009-2010	52933-2F000	HY2F000	✓	28849	1029	TRW

Lexus	ES	2007-2009	42607-33021	T033021	✓	28370	1204	Pacific
	GS	2007-2009	42607-33021	T033021	✓	28370	1204	Pacific
	GS	2006	42607-30030	T030030	✓	28335	1204	Pacific
	GX470	2004-2005	42607-35010	T035010	✓	28345	1205	Pacific
	GX470	2006	42607-24010	T024010	✓	28365	1205	Pacific
	GX470	2007-2009	42607-33021	T033021	✓	28370	1204	Pacific
	IS	2007-2010	42607-33021	T033021	✓	28370	1204	Pacific
	IS	2006	42607-30030	T030030	✓	28335	1204	Pacific
	LS	2007-2009	42607-33021	T033021	✓	28370	1204	Pacific
	LX	2005-2006	42607-33021	T033021	✓	-	1204	Pacific
	RX	2006-2010	42607-33021	T033021	✓	28370	1204	Pacific
	SC	2002-2006	42607-24010	T024010	✓	28310	-	Pacific
SC	2007-2010	42607-33021	T033021	✓	28330	1204	Pacific	

Lincoln	Aviator	2003-2005	4L2T1A150BA	SC50BA		20096	9096	Schrader
	Mark LT	2007-2008	6F2Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Mark LT	2009	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	MKS	2009-2010	6F2Z1A189A	LE6L2T		28385	1048	Schrader
	MKX	2007-2010	6F2Z1A189A	LE6L2T		28385	1048	Ford/Lear
	MKZ	2007-2009	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	MKZ	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Navigator	2003-2004	4L2T1A150BA	SC50BA		20096	9096	Schrader
	Navigator	2005-2006	5L7T1A150AB	SC50AA		20135	9135	Schrader
	Navigator	2007-2010	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Town Car	2008-2010	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Mazda	3	2004-2010	GN3A-37-140B	SI140B		-	1056	Siemens
	5	2006-2009	GN3A-37-140B	SI140B		-	1056	Siemens
	6	2005-2009	GN3A-37-140B	SI140B		-	1056	Siemens
	B Series	2007-2009	ZZC137140	LE6L2T		28385	1048	Ford/Lear
	CX-7	2007-2010	GN3A-37-140B	SI140B		-	1056	Siemens
	CX-9	2007-2010	GN3A-37-140B	SI140B		-	1056	Siemens
	MX-5 Miata	2006-2009	GN3A-37-140B	SI140B		-	1056	Siemens
	RX-8	2004	FE01-37-140A	SI140B		-	1056	Siemens
	RX-8	2005-2010	GN3A-37-140B	SI140B		-	1056	Siemens
	Speed 6	2007-2008	GN3A-37-140B	SI140B		-	1056	Siemens
	Tribute	2007-2009	ZZC137140	LE6L2T		28385	1048	Ford/Lear
	Tribute	2009-2010	ZZDA-37-140	SC9L2T		20315	9315	Schrader

Mercedes	C Class	2007-2010	003 540 0217	SC9400		28291	9214	Schrader
	CLK Class	2007-2009	003 540 0217	SC9400		28291	9214	Schrader
	G Class	2007-2010	003 540 0217	SC9400		28291	9214	Schrader
	GLK Class	2010	003 540 0217	SC9400		28291	9214	Schrader
	SLK Class	2007-2010	003 540 0217	SC9400		28291	9214	Schrader

Mercury	Grand Marquis	2006-2010	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Mariner	2006-2008	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE	LE6L2T		28385	1048	Ford/Lear
	Mariner	2009-2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Milan	2008-2009	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Milan	2010	9L3Z-1A189-A	SC9L2T		20315	9315	Schrader
	Montego	2006-2007	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE	LE6L2T		28385	1048	Ford/Lear
	Monterey	2004-2005	5L7T1A150AB	SC50AA		20135	9135	Schrader
	Monterey	2006-2007	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE	LE6L2T		28385	1048	Ford/Lear
	Mountaineer	2002-2005	4L2T1A150BA	SC50BA		20096	9096	Schrader
	Mountaineer	2006-2010	6F2Z1A189A 6L2T1A150AA 6F2A1A176AE 6F2T1A150AE 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear
	Sable	2008-2009	6F2Z1A189A 7L1Z1A189A	LE6L2T		28385	1048	Ford/Lear

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Mitsubishi	Eclipse(Alloy)	2006-2010	MN103081	SC3081		20034	9034	Schrader
	Eclipse(Steel)	2006-2007	4250A030	SCK002		28129	9069	Schrader
	Endeavor	2004-2009	52088990AC	SC90AC		20028	9028	Schrader
	Endeavor	2006-2009	MN103081	SC3081		20034	9034	Schrader
	Galant	2004-2006	MN103033	SC90AC		20028	9028	Schrader
	Galant(Alloy)	2007-2009	MN103081	SC3081		20034	9034	Schrader
	Galant	2008-2009	4250A030	SCK002		28129	9069	Schrader
	Lancer	2008-2009	4250A225	SC36AA		20066	1051	Siemens
	Montero	2003-2006	MN103081	SC3081		20034	9034	Schrader
	Outlander	2007-2009	4250A225	SC36AA		20066	1051	Siemens

Nissan	350Z	2004-2006	40700-CD001	SCD001	✓	20064	9064	Schrader
	350Z	2007-2009	40700-JA01C	SCA01B	✓	28204	9204	Schrader
	370Z	2009-2010	40700-JK00C	SCA01B	✓	28204	9204	Schrader
	Altima	2006-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Armada(Alloy)	2005-2008	40700-CK001	SCK001	✓	20161	9161	Schrader
	Armada(Steel)	2005-2006	40700-CK001	SCK001	✓	20161	9161	Schrader
	Armada-LE	2008-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Frontier	2003-2004	40700-CD001	SCD001	✓	20064	9064	Schrader
	Frontier(Alloy)	2005-2008	40700-CK001	SCK001	✓	20161	9161	Schrader
	Frontier(Steel)	2005-2007	40700-CK002	SCK002	✓	20069	9069	Schrader
	Frontier	2008-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	GTR	2009-2010	40700-JA01C	SCA01B	✓	28204	9204	Schrader
	Maxima	2006-2007	40700-CK001	SCK001	✓	20161	9161	Schrader
	Maxima	2007-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Murano	2003-2006	40700-CD001	SCD001	✓	20064	9064	Schrader
	Murano	2007-2009	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Pathfinder	2003-2004	40700-CD001	SCD001	✓	20064	9064	Schrader
	Pathfinder (Steel)	2004	40700-CK002	SCK002	✓	20069	9069	Schrader
	Pathfinder	2005-2006	40700-CK001	SCK001	✓	20161	9161	Schrader
	Pathfinder	2007-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Quest(Alloy)	2005-2007	40700-CK001	SCK001	✓	20161	9161	Schrader
	Quest (Steel)	2004-2007	40700-CK002	SCK002	✓	20069	9069	Schrader
	Quest	2008-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Rogue	2008-2010	40700-JA01C	SCA01B	✓	28204	9204	Schrader
	Sentra(Alloy)	2007-2008	40700-CK001	SCK001	✓	20161	9161	Schrader
	Sentra(Steel)	2007-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Titan(Alloy)	2005-2008	40700-CK001	SCK001	✓	20161	9161	Schrader
	Titan(Steel)	2004-2008	40700-CK002	SCK002	✓	20069	9069	Schrader
	Titan(Steel)	2009-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader
	Versa	2007-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Nissan	Versa(Alloy)	2007-2008	40700-CK001	SCK001	✓	20161	9161	Schrader
	Xterra	2003-2004	40700-CD001	SCD001	✓	20064	9064	Schrader
	Xterra	2005-2006	40700-CK001	SCK001	✓	20161	9161	Schrader
	Xterra	2007-2010	40700-JA02B	SCA01B	✓	28204	9204	Schrader

Pontiac	G3	2009-2010	25920615	SC4101		20153	9153	Schrader
	G5	2008	15921013	SI1013		20158	1047	Siemens
	G5	2009-2010	25920615	SC4101		20153	9153	Schrader
	G6	2008	15921013	SI1013		20158	1047	Siemens
	G6	2008-2010	25920615	SC4101		20153	9153	Schrader
	G8	2008-2009	25920615	SC4101		20153	9153	Schrader
	Grand Prix	2007-2008	15921013	SI1013		20158	1047	Siemens
	Montana/SV6	2008	15268606	SC8606		20158	1047	Schrader
	Solstice	2008-2010	15921013	SI1013		20158	1047	Siemens
	Torrent	2007-2009	15921013	SI1013		20158	1047	Siemens
	Vibe (US)	2008-2010	42607-06011	T006011	✓	28360	1204	Pacific
	Vibe (Japan)	2008-2010	42607-33011	T0033011	✓	28365	1204	Pacific
	Wave	2008-2009	25920615	SC4101		20153	9153	Schrader

Saab	9-7X	2005-2009	25774006	SC4006		20116	9116	Schrader
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Saturn	Aura	2007-2008	15921013	SI1013		20158	1047	Siemens
	Aura	2008-2009	25920615	SC4101		20153	9153	Schrader
	Outlook	2007-2008	15921013	SI1013		20158	1047	Siemens
	Outlook	2009-2010	25920615	SC4101		20153	9153	Schrader
	Sky	2007-2009	15921013	SI1013		20158	1047	Siemens
	Vue	2007-2010	25799331 25920615	SC4101		20153	9153	Schrader

Scion	tC	2006-2010	42607-33011	T033011	✓	28365	1204	Pacific
	xB	2008-2010	42607-33011	T033011	✓	28365	1204	Pacific
	xD	2008	42607-33011	T033011	✓	28365	1204	Pacific

Smart	Fortwo	2008	AD0025409017	SC9400		28291	9214	Schrader
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Subaru	B9 Tribeca	2006-2007	28103AG00A	SCG00A		20081	9081	Schrader
	Legacy	2004-2007	28103AG00A	SCG00A		20081	9081	Schrader
	Outback	2004-207	28103AG00A	SCG00A		20081	9081	Schrader

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Suzuki	Equator	2009	43130-85Z00	SC4101		20153	9153	Schrader
	Forenza	2007-2009	43130-85Z00	SC4101		20153	9153	Schrader
	Grand Vitara	2007-2009	43130-54J20	SC54J2		20087	9087	Schrader
	Reno	2007-2009	43130-85Z00	SC4101		20153	9153	Schrader
	SX4	2007-2010	43130-54J20	SC54J20		20082	9082	Schrader
	Verona	2005-2006	43130-86Z20	SC4045		20082	9082	Schrader
	XL-7	2005-2006	43130-54J20	SC54KJ2		20087	9087	Schrader
	XL-7	2007-2010	43130-78J00	SC8606		20158	1047	Schrader

Toyota	4 Runner	2003-2005	42607-35010	TO35010	✓	28345	1205	Pacific
	4 Runner	2006-2010	42607-33011	TO33011	✓	28365	1204	Pacific
	Avalon(USA)	2007-2010	42607-06011	TO06011	✓	28360	1204	Pacific
	Avalon(Japan)	2007-2008	42607-33011	TO33011	✓	28365	1204	Pacific
	Camry(USA)	2007-2010	42607-06011	TO06011	✓	28360	1204	Pacific
	Camry(Japan)	2007-2010	42607-33011	TO33011	✓	28365	1204	Pacific
	Corolla(USA)	2007-2008	42607-06011	TO06011	✓	28360	1204	Pacific
	Corolla(Japan)	2007-2008	42607-33011	TO33011	✓	28365	1204	Pacific
	Corolla(Japan)	2009	42607-33021	TO33021	✓	28365	1204	Pacific
	Corolla	2010	42607-06011	TO06011	✓	28360	1204	Pacific
	FJ Cruiser	2008-2010	42607-33011	TO33011	✓	28365	1204	Pacific
	Highlander	2007-2010	42607-33011	TO33011	✓	28365	1204	Pacific
	Land Cruiser	2006-2007	42607-33021	TO33021	✓	28365	1204	Pacific
	Land Cruiser	2005-2009	42607-33011	TO33011	✓	28365	1204	Pacific
	Matrix(USA)	2007-2010	42607-06011	TO06011	✓	28360	1204	Pacific
	Matrix(Japan)	2007-2009	42607-33011	TO33011	✓	28365	1204	Pacific
	Prius	2006-2010	42607-33011	TO33011	✓	28365	1204	Pacific
	RAV4	2006	42607-33011	TO33011	✓	28365	1204	Pacific
	RAV4	2007-2008	42607-33021	TO33021	✓	28370	1204	Pacific
	Sienna	2006-2010	42607-0C050	TO0C050	✓	28670	1206	TRW
	Sequoia (20° Alloy)	2004-2007	42607-0C020	TO0C020	✓	28305	1204	Pacific
	Sequoia (40° Steel)	2004-2007	42607-35010	TO0C010	✓	28300	1203	Pacific
	Sequoia (20° Alloy)	2008-2010	42607-0C050	TO0C050	✓	28670	1206	TRW
	Solara	2006-2008	42607-06011	TO06011	✓	28360	1204	Pacific
Tacoma (20° Alloy)	2005-2006	42607-0C020 42607-AD020	TO0C020	✓	28305/28355	1204	Pacific	
Tacoma (40° Steel)	2005-2006	42607-00010 42607-AD010	TO0C010	✓	28300/28380	1203	Pacific	
Tacoma (40°)	2006-2009	42607-04010	TO0C010	✓	28380	1203	Pacific	

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Brand	Model	Year	OE Sensor	Sensor	OPSS*	Schrader	Dill	OE Supplier
Toyota	Tacoma (20° Alloy)	2007-2009	42607-06011	TO06011	✓	28360	1204	Pacific
	Tundra (20° Alloy)	2005-2006	42607-0C020	TO0C020	✓	28305	1204	Pacific
	Tundra (20° Alloy)	2007-2010	42607-0C050	TO0C050	✓	28670	1206	TRW
	Tundra (40° Steel)	2005-2006	42607-0C010	TO0C010	✓	28300	1203	Pacific
	Tundra (40° Steel)	2007-2010	42607-0C060	TO0C050	✓	28670	1206	TRW
	Venza	2007-2010	42607-0C060	TO0C050	✓	28670	1206	TRW
	Yaris	2007-2010	42607-33011	TO33011	✓	28365	1204	Pacific

Volkswagen	Beetle	2008-2010	1K0907253D	SI253D		-	1053	Siemens
	CC	2009-2010	1K0907253D	SI253D		-	1053	Siemens
	EOS	2007-2010	1K0907253D	SI253D		-	1053	Siemens
	GLI	2008-2009	1K0907253D	SI253D		-	1053	Siemens
	GTI	2006-2010	1K0907253D	SI253D		-	1053	Siemens
	Jetta	2006-2010	1K0907253D	SI253D		-	1053	Siemens
	Passat	2006-2010	1K0907253D	SI253D		-	1053	Siemens
	R32	2008-2010	1K0907253D	SI253D		-	1053	Siemens
	Rabbit	2006-2010	1K0907253D	SI253D		-	1053	Siemens
	Routan	2009-2010	7B0907253	SI1698		28155	1043	Siemens
	Tiguan	2009-2010	1K0907253D	SI253D		-	1053	Siemens

Volvo	C30	2007-2010	31280297	SC0297		-	1044	Siemens
	C70	2007-2010	31280297	SC0297		-	1044	Siemens
	S40	2007-2010	31280297	SC0297		-	1044	Siemens
	S60	2004-2007	8651700	SC8991		20156	9156	Schrader
	S80	2004-2007	8651700	SC8991		20156	9156	Schrader
	S80	2007-2010	31280297	SC0297		-	1044	Siemens
	V50	2007-2010	31280297	SC0297		-	1044	Siemens
	V70	2004-2007	8651700	SC8991		20156	9156	Schrader
	V70	2008-2010	31280297	SC0297		-	1044	Siemens
	XC60	2009	31200923	SC8991		20156	9156	Schrader
	XC70	2004-2007	8651700	SC8991		20156	9156	Schrader
	XC70	2008-2010	306815550	SC0297		-	1044	Siemens
	XC90	2005-2010	31200923	SC8991		20156	9156	Schrader

*Orange Programmable Sensor



TPMS Installation Instructions

1. Clean valve stem hole in rim. Remove any dirt or corrosion.
2. Remove washer, nut and cap from the valve stem on the sensor.
3. Push valve stem through the rim, install washer, tighten nut to +/- .4 ft-lb. then tighten cap.
4. Holding sensor body down against rim while tighten screw.

WARRANTY

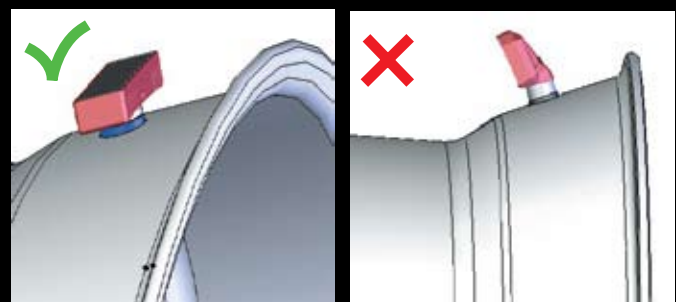
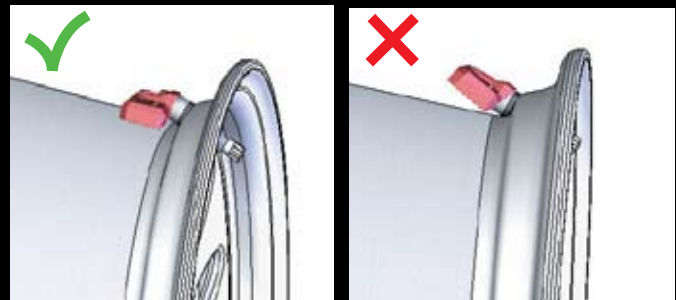
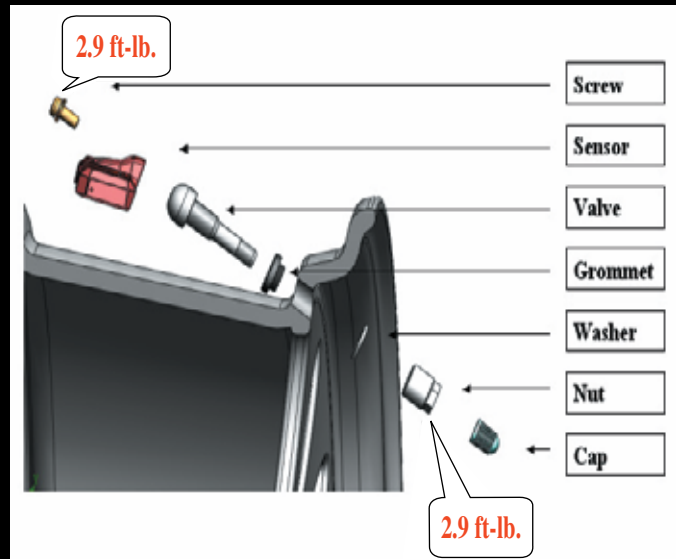
ALL PRODUCT IS SUBJECT TO TESTING UPON RETURN FOR WARRANTY CLAIMS. AN RGA MUST ACCOMPANY ANY RETURNED PRODUCT. IF IT IS DETERMINED THAT THE PRODUCT IS WORKING PROPERLY, IT WILL BE RETURNED AT THE CUSTOMERS EXPENSE. SENSORS WILL NOT BE DEEMED WARRANTABLE IF DAMAGED FROM MISUSE, OR INCORRECT APPLICATION.

Orange Electronic products are warranted to be free from defects in material and workmanship for 12 months from delivery to purchaser. Orange Electronic will at its discretion replace any merchandise during the warranty period.

ALL OTHER WARRANTIES IMPLIED OR EXPRESSED ARE DISCLAIMED. LIABILITY AND LOSSES RESULTING FROM SUCH CLAIMS ARE EXCLUDED, REGARDLESS OF CIRCUMSTANCES FORESEEABLE, OR UNFORSEEN.

The warranty shall be void if any of the following occur:

1. improper installation of products; or
2. improper usage; or
3. induction of defect by other products; or
4. mishandling of product; or
5. incorrect application; or
6. damage due to collision or tire failure; or
7. racing or competition; or
8. exceeding the specific limits of the product.



Each time a tire is serviced or dismantled, it is imperative to replace the grommet with Orange parts to ensure proper sealing.

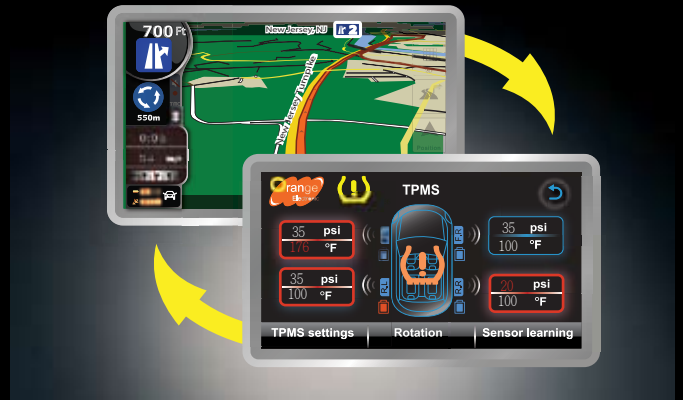
It is imperative to replace the sensor if sensor is externally damaged (especially the plastic bridge part where the valve stem is connected.)

Orange Retrofit Kits

M201A
Motorcycle TPMS



P412A
Passenger Car TPMS



P409S
Passenger Car TPMS



P602B/C
Bus, Truck/Van TPMS





TPMS TRUCK & BUS

Increases

Safety

Fuel Efficiency

& Extended Tire Life



P602B / P602C

24 Hr Wireless Pressure & Temperature Monitoring With Easy Installation

Valveless System





GPS & TPMS Model P412A

Integrating GPS + TPMS

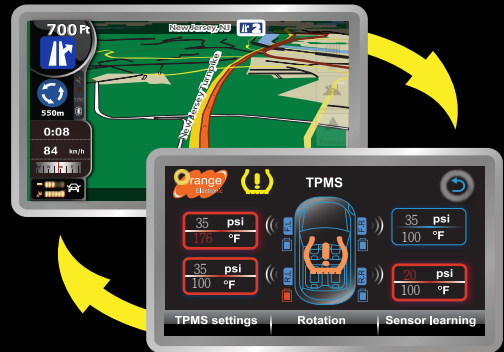
USA & Canadian Maps Included

Voice Guidance Directions

2GB Internal Memory

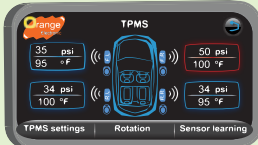
Micro SD Slot

Patent Pending



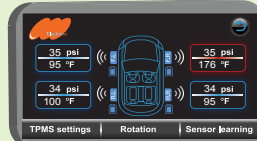
• US and Canadian Maps

Features: PoINav + Orange TPMS with Real Time Tire Pressure and Temperature data. Voice guidance turn by turn directions announcing street names. One touch POI.



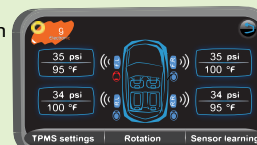
• High/Low Pressure Alert

Tire Pressure warning detection with both visual and audible alarm. If tire pressure is above or below initial factory pressure settings of 50/26 psi the driver is notified via audio and visual prompt on GPS screen.



• High Temperature Alert

High Temperature warning detection with both visual and audible alarm. When Tire Temperature exceeds factory preset of 176°F the driver is notified via audio and visual prompt on GPS screen.



• Low Battery Voltage Alert

Low battery in sensor warning detection. When battery strength in sensor falls below 25%, the driver is notified via audio and visual prompt on GPS screen.

TPMS Aftermarket System

Model P409S

FRONT			
No. 4 Front left tire	No. 1 Front right tire		<i>Low Pressure Alert</i> Visual and audible warning. This is activated when the tire pressure reaches the preset level. Default low pressure alert is 26 psi.
No. 3 Rear left tire	No. 2 Rear right tire		<i>High Pressure Alert</i> Visual and audible warning. This is activated when the tire pressure reaches the preset level. Default high pressure alert is 50 psi.
			<i>High Temperature Alert</i> Visual and audible warning. This is activated when the tire's temperature reaches the preset level. Default high temperature alert is 176° F.



BEST PRODUCT AWARD



Wireless sensor and transmitter indicates tire pressure and temperature
Real time, full-time monitoring
7-year battery life
Patented antenna
Changeable valves
Fits any tire rim
Digital LED display

Orange Family



OE Replacement Sensor



Retrofit TPMS

Certifications

Qualified RF Wireless certifications



USA



Europe



Japan



Korea



Canada



Taiwan

Quality testing certification



FMVSS138



SAE J2567

Factory certification



(ISO 9001 TS16949)



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