



# OEC replacement sensor

Tire Pressure Monitoring Systems



Orange Electronic Inc.  
P: +1-310-377-8835 F: +1-310-377-8875  
Toll Free: +1-855-OEC-TPMS

Orange Electronic Co., Ltd.  
T: +886-4-2535-1558 F: +886-4-2535-1582  
sales@orange-electronic.com

<http://www.orange-electronic.com>

Catalog NO. OEC-TPMS2013

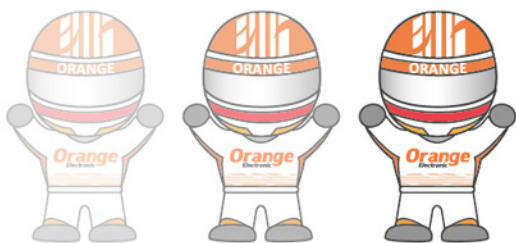


# ABOUT ORANGE

• Orange = O - range = wireless technology



*Zero-range  
between your  
car and sensors*



Contact us soon

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# CERTIFICATION

• Orange = O - range = wireless technology





# ASIA OEM SUPPLIER(TOYOTA, MITSUBISHI)

## Orange is even better today!

Orange is rooted in Taiwan Asia and has contributed for years to the TPMS Industry. In 2013 Toyota and Mitsubishi added Orange Electronics as a TPMS equipment and solutions supplier.

**This significant achievement shows that not only has Orange Electronic been qualified by the American Motors Industry but also certified by the OE.**





# ID COPY FUNCTION

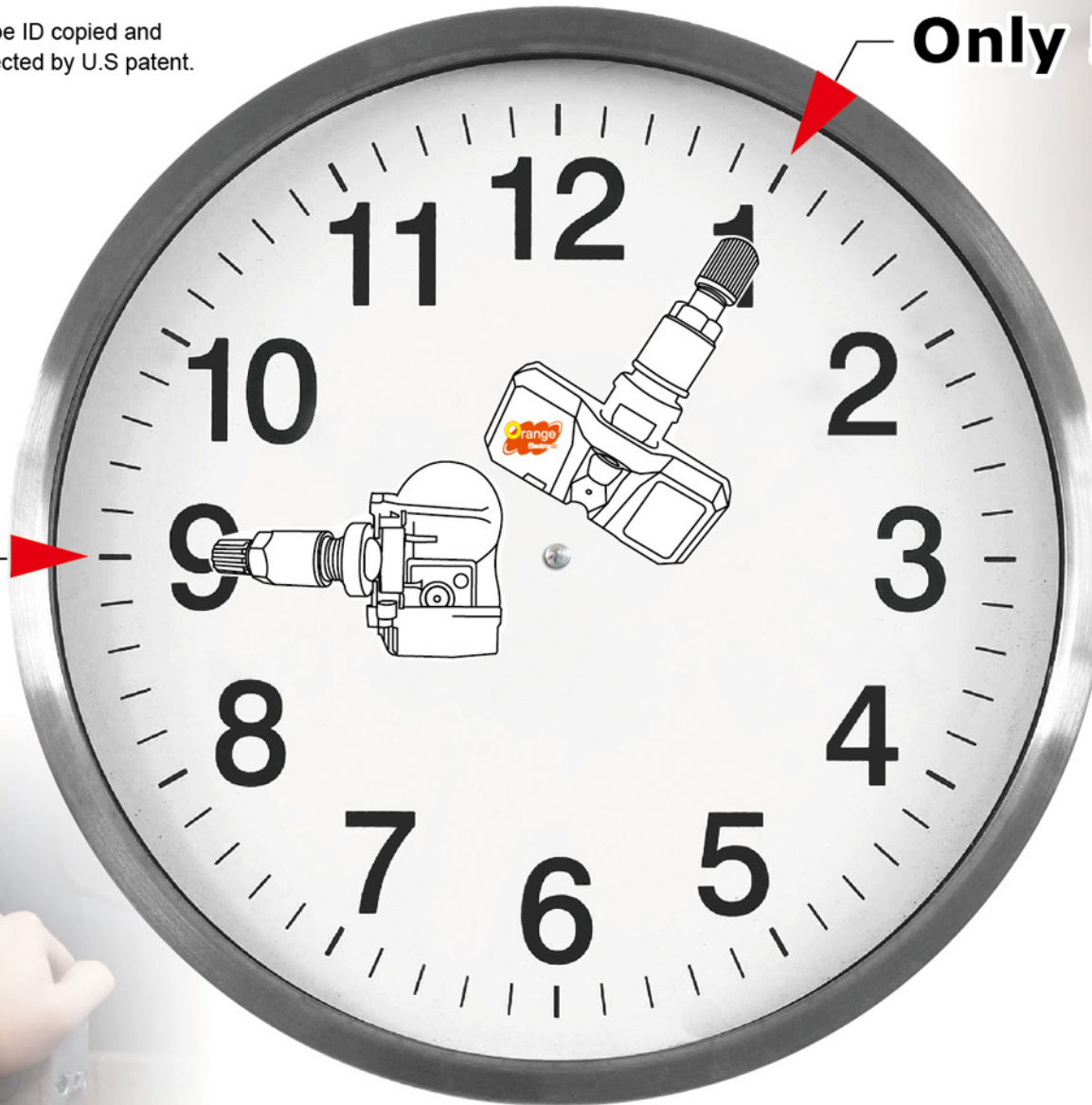
Re-learn mode "Free"

- Trigger "Free"
- OBD "Free"
- All Orange sensor can be ID copied and this technology is protected by U.S patent.

**Only 5 mins**

**45 mins**

**RELEARN**



**ID COPY**

Copy



Paste



Key in

Sensor ID Number...

**SAVE YOUR LABOR COST**

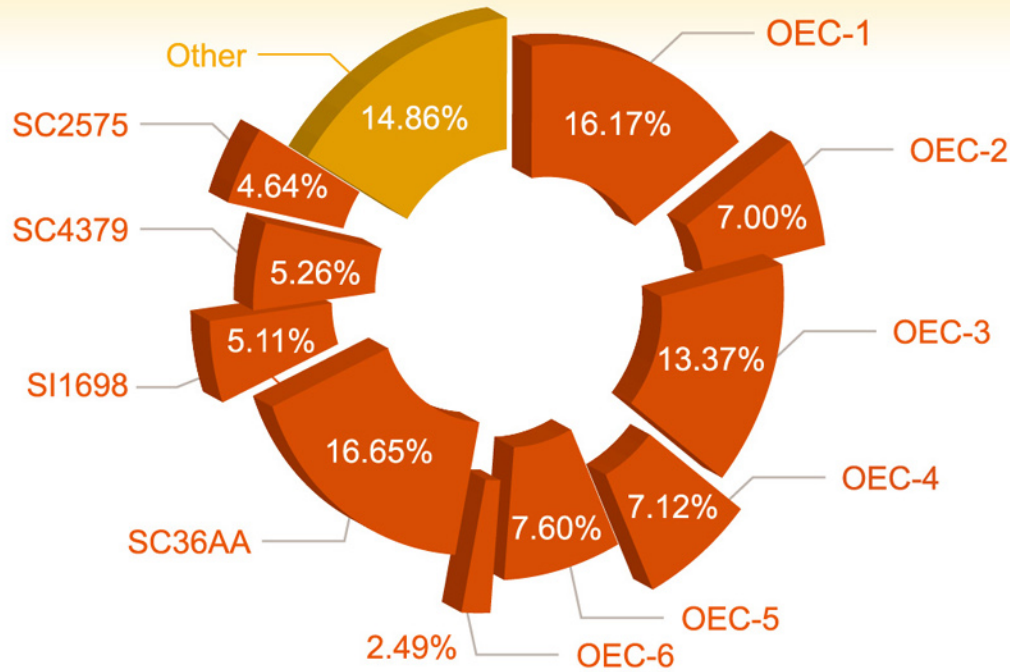
**SIMPLIFY YOUR INSTALLATION PROCEDURE**



# ORANGE OE CONSOLIDATION

## Orange TPMS Consolidation

Actual U.S. TPMS sales charts v.s. Market share



- OEC - 1 (16.17%)
- OEC - 2 (7.00%)
- OEC - 3 (13.37%)
- OEC - 4 (7.12%)
- OEC - 5 (7.60%)
- OEC - 6 (2.49%)



- SC36AA (16.65%)
- SI1698 (5.11%)
- SC4379 (5.26%)
- SC2575 (4.64%)

**TOTAL : 85.41%**

# VALUE

## Safety Counts First

Tire blowouts is one of the top causes of vehicle accidents therefore, Orange Electronics has made Tire Safety it's core mission. Each sensor that comes from Orange electronics has been certified to the highest of quality and testing. Choosing Orange will provide you with years of safety.





# AUTOMATED PRODUCTION LINE

- Race car reliability tested
- Top Quality
- TS16949 certified



**Make Your  
Investment  
Worthy**

# RACE CAR TEAM SPONSORED

- The only TPMS manufacturer sponsoring the race car industry.
- Certified to the highest quality and reliability.





# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Acura			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
CSX	2008-09	42753-SNA-A83	HOSNAA83
ILX	2013	42753-TX6-A81	
MDX	2004-06	06421-S3V-A04	HOS3VA04
	2007-12	42753-STK-A04	HOSTKA03
	2013	42753-STK-A04	HOSTKA03
RDX	2007-12	42753-STK-A04	HOSTKA03
	2013	42753-TX4-A51	
RL	2005-08	06421-S3V-A04	HOS3VA04
	2009-12	42753-SHJ-A53	HOSHJA53
TL	2006-08	06421-S3V-A04	HOS3VA04
	2009-12	42753-TK4-A01	HOTK4A01
	2013	42753-TK4-A01	HOTK4A01
TSX	2007-08	42753-STK-A04	HOSTKA03
	2009-12	42753-TL2-A52	HOSTKA03
	2013	42753-TL2-A52	HOSTKA03
ZDX	2010-12	42753-TK4-A01	HOTK4A01
	2013	42753-TK4-A01	HOTK4A01
Audi			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
A3 (direct)	2006-12	1K0-907-253D	SI253D
A3 (indirect)	2012		
A4 & S4	2005-08	4F0907275B	BEA007
A4 & S4 (direct)	2009-12	1K0-907-253D	SI253D
A4 & S4 (indirect)	2012		
A5 & S5 (direct)	2008-12	1K0-907-253D	SI253D

A5 & S5(indirect)	2012		
A6 (315Mhz)	2002-04	4D0907275A	BEB004
A6 & S6 (433mHz)	2005-09	4F0907275B	BEA007
A6 (Indirect)	2009-12		
A6 & S6 (433Mhz)	2010-12	4F0907275D	BEA008
Allroad (315Mhz)	2001-05	4D0907275A	BEB004
A6 Allroad (433Mhz)	2001-06	4D0907275C	BEA001
	2007-09	4F0907275B	BEA007
A8 & S8 (315Mhz)	2000-07	4D0907275A	BEB004
A8 & S8 (433Mhz)	2000-12	4D0907275C	BEA001
A8 & S8 (indirect)	2010-12		
Q5 (direct)	2009-12	1K0-907-253D	SI253D
Q5 (indirect)	2009-12		
Q7	2007-09	4F0907275B	BEA007
Q7 (post 6/09)	2010-12	4F0907275D	BEA008
Q7 (indirect)	2010-12		
R8	2008-09	4F0907275B	BEA007
R8 (post 6/09)	2010-12	4F0907275D	BEA008
RS4	2007-08	4F0907275B	BEA007
RS6 (315Mhz)	2001-05	4D0907275A	BEB004
RS6 (433Mhz)	2003-04	4D0907275C	BEA001
TT	2008-12	1K0-907-253D	SI253D
TT (indirect)	2009-12		
BMW			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
1 Series	2007-10	36236781847	BEA008
1 Series September 2010	2011-12	36106790054	BEA012
135I · 135IS	2013	36106790054	BEA012



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

3 Series (315Mhz)	2000-02	36118378681	BEB004
3 Series (433Mhz)	2000-06	36118378682	BEA001
	2007-09	36236781847	BEA008
3 Series (433Mhz) September 2009	2010-12	36106790054	BEA012
328I 、 335I 、 335IS	2013	36106790054	BEA012
5 Series (315Mhz)	2000-02	36118378681	BEB004
5 Series (433Mhz)	2002-05	36118378682	BEA001
	2006-11	36236781847	BEA008
5 Series (433Mhz) September 2010	2011-12	36106790054	BEA012
528I 、 530XI 、 535I 、 550I	2013	36106790054	BEA012
6 Series (433Mhz)	2006-10	36236781847	BEA008
	2011-12	36106790054	BEA012
640I	2013	36106790054	BEA012
7 Series (315Mhz)	2000-01	36118378681	BEB004
7 Series (433Mhz)	2002-05	36118378682	BEA001
	2006-10	36236781847	BEA008
	2011-12	36106790054	BEA012
740I	2013	36106856227	BEA012
740LI 、 750I	2013	36106790054	BEA012
Alpina	2004-08 2011	36118378682	BEA001
	2012	36106790054	BEA012
M3 (315Mhz)	2001-02	36118378681	BEB004
M3 (433Mhz)	2001-02	36118378682	BEA001
M3	2013	36106790054	BEA012
M Series	2003-10	36236781847	BEA008
	2011-12	36106790054	BEA012
M5 、 M6	2013	36106856227	BEA012
X1	2012	36106790054	BEA012
	2013	36106790054	BEA012

X3	2006-10	36236781847	BEA008
	2011-12	36106790054	BEA012
	2013	36106856227	BEA012
X5	2001-04	36146752128	BEA001
X5 (Indirect)	2002-05		
X5	2005-10	36236781847	BEA008
	2011-12	36106790054	BEA012
	2013	36106856227	BEA012
X6	2008-10	36236781847	BEA008
	2011-12	36106790054	BEA012
	2013	36106856227	BEA012
Z Series (315Mhz)	2002-03	36118378681	BEB004
Z Series (433Mhz)	2002-05	36236781847	BEA008
	2002-05	36236779490	BEA008
	2006-10	36236781847	BEA008
	2011-12	36106790054	BEA012
Z4	2013	36106790054	BEA012

## Buick

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Allure	2006		
	2007	10394110	OEC-1
		15921013	
	2008	15921013	OEC-1
	2009	20923680	OEC-1
Allure (315MHz-black sensor)	2010	12768826	SC8826
Allure (314.9MHz-grey sensor)	2010	12768826	SC8826
Century	1999-05		
Enclave	2008	15921013	OEC-1



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Enclave	2009-12	25920615	OEC-1
	2013	22853741	OEC-1
Encore	2013	22854866	
LaCrosse	2006		
	2007	10394110	OEC-1
		15921013	OEC-1
	2008	15921013	OEC-1
	2009	20923680	OEC-1
LaCrosse (315MHz-black sensor)	2010-11	12768826	SC8826
LaCrosse (314.9MHz-grey sensor)	2010-12	12768826	SC8826
LaCrosse	2013	22854866	
LeSabre	2000-05		
	2007	20923680	OEC-1
Lucerne	2006		
	2007	20923680	OEC-1
	2008-10	20923680	OEC-1
	2011	20923680	OEC-1
Park Avenue	1998-99		
	2000-01		
	2002-05		
Rainier (315 Mhz clamp-in)	2006-07	25774006	SC4006
Rainier (snap-in)	2007	25799331	OEC-1
Regal	1999-04		
	2011-12	12768826	SC8826
	2013	22854866	
Rendezvous	2003-07		
Verano	2012	12768826	SC8826
	2013	22854866	

Cadillac			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
ATS	2013	22959744	
CTS	2004-07	25774006	SC4006
	2008-12	25920615	OEC-1
	2013	25920615	OEC-1
CTS-V	2009-12	15268606	OEC-1
	2013	15268606	OEC-1
DeVille	2001-05	25773946	SC3946
DTS	2006	15268606	OEC-1
	2007	25920615	OEC-1
	2008-11	25920615	OEC-1
Escalade	2004	15136883	SC2575
	2005-06	15114379	SC4379
Escalade (clamp-in)	2007	15825475	OEC-1
Escalade (snap-in)	2007	25799331	OEC-1
Escalade	2008-12	25920615	OEC-1
	2013	13586335	
Seville	2001-04	25773946	SC3946
SRX	2004-06	25774006	SC4006
	2007-09	25799331	OEC-1
	2010-12	12768826	SC8826
STS	2013	22854866	
	2005-07	25758220	SC8220
	2008	25758220	SC8220
STS (clamp-in)	2009-11	15268606	OEC-1
STS (snap-in)	2009-11	25920615	OEC-1
XLR	2004-09	25758220	SC8220



# OE APPLICATION SEARCH GUIDE

01  
make

02  
model

03  
year

04  
Orange  
Sensor

• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
XTS	2013	22854866	
<b>Chevrolet</b>			
Avalanche	2004	15136883	SC2575
	2005-06	15114379	SC4379
Avalanche (clamp-in)	2007	15825475	OEC-1
Avalanche (snap-in)	2007	25799331	OEC-1
Avalanche	2008-12	25920615	OEC-1
	2013	13586335	
Aveo	2007-11	20923680	OEC-1
Camaro	2010-12	12768826	SC8826
	2013	22854866	
Camaro ZL1	2013	20964159	
Caprice	2011	15268606	OEC-1
	2013	15268606	OEC-1
Captiva Sport	2012	20923680	OEC-1
Captiva	2013	22853741	OEC-1
Cobalt (clamp-in)	2008-09	15921013	OEC-1
Cobalt (snap-in)	2009-10	20923680	OEC-1
Colorado	2006-12	15122618	SC2618
Corvette	1991-96	10098494	
	1997-00	10438853	SC1210
	2001-02	25773946	SC3946
	2003-04	25773946	SC3946
	2005-09	25758220	SC8220
	2010-12	15268606	OEC-1
Caprice	2013	15268606	OEC-1
Cruze	2011-12	12768826	SC8826

Cruze	2013	22854866	
Equinox	2007-09	15921013	OEC-1
Equinox (315MHz-black sensor)	2010-12	12768826	SC8826
Equinox (314.9MHz-grey sensor)	2010-12	12768826	SC8826
Equinox	2013	12768826	SC8826
Express (clamp-in)	2008-09	15921013	OEC-1
Express (snap-in)	2008-12	25920615	OEC-1
Express	2013	25920615	OEC-1
G Series	2008	15921013	OEC-1
HHR (clamp-in)	2008-09	15268606	OEC-1
	2008-09	15921013	OEC-1
HHR (snap-in)	2008-10	25920615	OEC-1
HHR (315MHz-black sensor)	2011	12768826	SC8826
HHR (314.9MHz-grey sensor)	2011	12768826	SC8826
Impala	2000-05		
Impala (clamp-in)	2006-07	15268606	OEC-1
Impala (snap-in)	2007-12	25920615	OEC-1
Impala	2013	22853741	OEC-1
Malibu (clamp-in)	2008	15921013	OEC-1
Malibu (snap-in)	2008-10	15922396	OEC-1
Malibu (315MHz-black sensor)	2011-12	12768826	SC8826
Malibu (314.9MHz-grey sensor)	2011-12	12768826	SC8826
Malibu	2013	22854866	
Monte Carlo	2000-05		
Monte Carlo (clamp-in)	2006-07	15268606	OEC-1
Monte Carlo (snap-in)	2007	25799331	OEC-1
Orlando	2012	12768826	SC8826
Silverado	2004	15136883	SC2575
	2005-06	15114379	SC4379



# OE APPLICATION SEARCH GUIDE



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Silverado (clamp-in)	2007	15825475	OEC-1
Silverado (snap-in)	2007	15254101	OEC-1
Silverado	2008-12	25920615	OEC-1
	2013	25920615	OEC-1
Sonic	2012	20922900	OEC-1
	2013	12768826	SC8826
Spark	2013	12768826	SC8826
SSR (TPMS optional)	2006-07	25774006	SC4006
Suburban	2004	15136883	SC2575
	2005-06	15114379	SC4379
Suburban (clamp-in)	2007	15825475	OEC-1
Suburban (snap-in)	2007	25799331	OEC-1
Suburban	2008-12	25920615	OEC-1
	2013	13586335	
Tahoe	2004	15136883	SC2575
	2005-06	15114379	SC4379
Tahoe (clamp-in)	2007	15825475	OEC-1
Tahoe (clamp-in)	2007		OEC-1
Tahoe (snap-in)	2007	25799331	OEC-1
Tahoe	2008-12	25920615	OEC-1
	2013	13586335	
Trail Blazer	2006-09	25774006	SC4006
Traverse	2009-12	25920615	OEC-1
	2013	22853741	OEC-1
Uplander	2008	15268606	OEC-1
Volt (315MHz-black sensor)	2010-12	12768826	SC8826
Volt (314.9MHz-grey sensor)	2010-12	12768826	SC8826
Volt	2013	22854866	

Chrysler			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
200	2011-12	68078861AA	SC36AA
	2013	68078861AA	SC36AA
300	2005-07	68078861AA	SC36AA
		56053030AB	
	2008	68001698AB	SI1698
300 (clamp-in)	2009-10	56029400AC	SC9400
300 (snap-in)	2010-12	56029398AB	SC9400
300	2013	56029398AB	SC9400
300M	2002-04	52088990AC	OEC-4
Aspen	2007-09	56029465AB	SC36AA
		56029465AA	
Concorde	2002-04	52088990AC	OEC-4
Crossfire	2002-04	52088990AC	OEC-4
Crossfire (315MHz)	2005	56053030AB	SC36AA
		5142340AA	
Crossfire (433MHz)	2005-08	52088990AC	OEC-4
Crossfire (315MHz)	2006-08	56053030AB	SC36AA
Pacifica (433Mhz)	2003-04	52088990AC	OEC-4
Pacifica (315Mhz)	2004-05	5127335AB	OEC-5
Pacifica	2006-08	68001696AB	SC36AA
PT Cruiser	2008-10	68001696AB	SC36AA
		68001696AA	
Sebring	2007-08	68001696AB	SC36AA
		68001696AA	
Sebring (433Mhz)	2008-09	68001698AA	SI1698
Sebring (315Mhz)	2028-10	68001696AB	SC36AA
Town & Country	2002-03	52088990AC	OEC-4



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Town & Country	2004-05	5127335AB	OEC-5
Town & Country (315MHz)	2006-08	68001696AA	SC36AA
Town & Country (433Mhz)	2008-10	68001696AA	SI1698
Town & Country (433Mhz)	2008-10	68001698AA	SI1698
Town & Country	2011-12	68001698AB	SC9400
	2013	56029398AB	SC9400
Voyager	2002-03	52088990AC	OEC-4
<b>Dodge</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Avenger	2008-09	68001696AB	SC36AA
	2010-12	68078861AA	SC36AA
	2013	68078861AA	SC36AA
Caliber	2007-10	68001696AB	SC36AA
Caliber	2011-12	68078861AA	SC36AA
Caravan	2002-03	52088990AC	OEC-4
	2004-05	04727392AD	OEC-5
	2006-07	56053030AB	SC36AA
	2006-07	68001696AA	SC36AA
C/V	2012	56029398AB	SC9400
Challenger (clamp-in)	2008-12	56029400AD	SC9400
Challenger (snap-in)	2010-12	56029398AB	SC9400
Challenger (snap-in)	2013	56029398AB	SC9400
Charger	2006-07	68001696AB	SC36AA
		68001696AA	SC36AA
	2008	68001698AB	SI1698
	2009-10	56029400AD	SC9400
Charger (snap-in)	2010-12	56029398AB	SC9400
Charger	2013	56029398AB	SC9400

Dakota	2008-10	56029319AB	SC9319
	2011	56029479AA	SC36AA
Dart	2013	68193586AA	
Durango	2007-09	56029465AB	SC36AA
	2011-12	56029398AB	SC9400
	2013	56029398AB	SC9400
Grand Caravan	2002-03	52088990AC	OEC-4
	2004-05	04727392AD	OEC-5
	2006-07	56053030AB	SC36AA
		68001696AA	
Grand Caravan (433Mhz, manufactured thru 11/30/09)	2008-10	68001698AB	SI1698
Grand Caravan	2011-12	56029398AB	SC9400
	2013	52088990AC	SC9400
Intrepid	2002-04	52088990AC	OEC-4
Journey (lo-line)	2009-10	68001698AB	SI1698
Journey (hi-line)	2010-12	56029398AA	SC9400
Journey	2013	56029398AB	SC9400
Magnum	2005-07	68001696AB	SC36AA
		68001696AA	
	2008	68001698AB	SI1698
		68001698AA	
2009	56029400AD	SC9400	
Nitro	2007-11	56029465AB	SC36AA
Nitro (snap-in)	2010-11	56029479AA	SC36AA
Ram 1500, 2500	2008	56029319AA	SC9319
Ram 1500,2500 (433Mhz, clamp-in, lo-line)	2009-10	56029359AC	SI1698
		56029359AB	
Ram 1500,2500 (snap-in, hi-line)	2010-12	56029398AA	SC9400



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Ram Series Pickup	2013	56029398AB	SC9400
Sprinter	2007-12	68038945AA	SI8945
	2007	56053030AB	SC36AA
		68001696AB	SC36AA
Viper	2003-10	52088990AC	OEC-4
<b>Fiat</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
500	2011-12	56029398AB	SC9400
500, 500L	2013	56029398AB	SC9400
<b>Ford</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
C-Max	2012	56029398AB	SC9400
	2013	DE8T-1A180-AA	
Crown Victoria	2007-11	6F2Z-1A-189A	LE6L2T
E-Series	2008-09	8C2Z-1A189	LE8C2T
	2010-12	9L3Z-1A-189A	SC9L2T
E-Series Van	2013	9L3Z-1A-189A	SC9L2T
E350 Super Duty	2013	9L3Z-1A-189A	SC9L2T
Edge w/chrome whls	2007-08	6F2Z-1A-189A	LE6L2T
Edge w/o chrome whls	2007-08	7L1Z-1A-189A	LE6L2T
Edge	2009-10	7L1Z-1A-189A	LE6L2T
	2011-13	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
Escape	2005-08	6F2Z-1A-189A	LE6L2T
	2009-13	CM5T-1A150-AA	SC9L2T
	2013	CM5T 1A180 AA	
Expedition	2003-04	4L2Z-1A-150BA	OEC-4

	2005-06	5L1Z-1A150-AB	OEC-3
	2007-10	7L1Z-1A-189A	LE6L2T
	2011-12	CM5T-1A150-AA	SC9L2T
	2013	CM5T 1A180 AA	
Explorer	2002-05	4L2Z-1A-150BA	OEC-4
	2006-10	6F2Z-1A-189A	LE6L2T
	2011-13	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
Explorer Sport Trac	2007-10	6F2Z-1A-189A	LE6L2T
F150	2007-08	6F2Z-1A-189A	LE6L2T
	2009-12	CM5T-1A150-AA	SC9L2T
F150 HD	2008-10	8C2Z-1A189	LE8C2T
	2011-12	CM5T-1A150-AA	SC9L2T
F250/350 Super Duty	2008-10	8C2Z-1A189	LE8C2T
	2011-12	CM5T-1A150-AA	SC9L2T
F450/550	2008-10	8C2Z-1A189	LE8C2T
	2011-12	CM5T-1A150-AA	SC9L2T
F Series Pickup	2013	DE8T-1A180-AA	
Fiesta	2011-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
Five Hundred	2006-07	7L1Z-1A-189A	LE6L2T
Flex	2009-10	7L1Z-1A-189A	LE6L2T
	2011-13	CM5T-1A150-AA	SC9L2T
	2013	CM5T 1A180 AA	
Focus	2007-09	7L1Z-1A-189A	LE6L2T
	2010-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
Freestar (indirect)	2004-05		
Freestar (direct)	2004-05	5L1Z-1A150-AB	OEC-3



# OE APPLICATION SEARCHING GUIDE



• Use the Vehicle Application Searching Guide to obtain correspondence Orange simple sensor, based on vehicle maker, model and year.

Freestar (direct)	2006-07	6F2Z-1A-189A	LE6L2T
Fusion	2007-09	6F2Z-1A-189A	LE6L2T
Fusion (snap-in)	2009-12	CM5T-1A150-AA	SC9L2T
Mustang	2007-09	6F2Z-1A-189A	LE6L2T
	2010-13	CM5T-1A150-AA	SC9L2T
	2013	CM5T 1A180 AA	
Ranger	2007-11	6F2Z-1A-189A	LE6L2T
	2012	CM5T-1A150-AA	SC9L2T
Shelby GT500	2013	DR3V-1A180-AA	
Taurus (pre 5/2010)	2008-10	7L1Z-1A-189A	LE6L2T
Taurus (post 5/2010)	2010-13	CM5T-1A150-AA	SC9L2T
Taurus	2013	DE8T-1A180-AA	
Taurus X	2008-09	7L1Z-1A-189A	LE6L2T
Transit Connect	2010-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
Windstar	2001-03		

## GMC

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Acadia	2007-08	15921013	OEC-1
	2009-12	25920615	OEC-1
	2013	22853741	OEC-1
Canyon	2006-12	15122618	SC2618
Envoy	2006-09	25774006	SC4006
Envoy (clamp-in)	2007	15825475	OEC-1
Envoy (snap-in)	2007-09	25920615	OEC-1
Savana	2008-09	15921013	OEC-1
	2010-12	25920615	OEC-1
	2013	22853741	OEC-1

Sierra	2004	15136883	SC2575
	2005-06	15114379	SC4379
Sierra (clamp-in)	2007	15825475	OEC-1
Sierra (snap-in)	2007	15254101	OEC-1
Sierra	2008-12	25920615	OEC-1
	2013	25920615	OEC-1
Terrain	2010-12	12768826	SC8826
	2013	22854866	
Yukon	2004	15136883	SC2575
	2005-06	15114379	SC4379
Yukon (clamp-in)	2007	15825475	OEC-1
Yukon (snap-in)	2007	15254101	OEC-1
Yukon	2008-12	25920615	OEC-1
Yukon	2013	13586335	

## Honda

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Accord	2008-12	42753-SWA-316	HOSWA306
Accord Crosstour	2010-12	42753-TP6-A82	
Civic	2008-11	42753-SNA-A83	HOSNAA83
	2012	42753-TR0-A81	HOSNAA83
	2013	42753-TR3-A81	HOSNAA83
CR-V (steel whls)	2007-11	42753-SWA-315	HOSWA306
CR-V (alloy whls)	2007-11	42753-SWA-316	HOSWA306
CR-V	2012	42753-TP6-A82	
	2013	42753-SNA-A82	
CR-Z	2011-12	42753-SNA-A83	HOSNAA83
	2013	42753-SNA-A84	
Element	2006-08	06421-SCV-A00	HOSCVA01



# OE APPLICATION SEARCHING GUIDE



• Use the Vehicle Application Searching Guide to obtain correspondence Orange simple sensor, based on vehicle maker, model and year.

Element	2009-11	42753-SNA-A83	HOSNAA83
Fit	2008	42753-SWA-316	HOSWA306
	2009-12	42753-SNA-A83	HOSNAA83
	2013	42753-TR3-A81	HOSNAA83
Insight	2010-12	42753-SNA-A83	HOSNAA83
	2013	42753-SNA-A83	HOSNAA83
Odyssey EX, EX-L, LX	2006-07	06421-SCV-A00	HOSCVA01
	2008-10	42753-SHJ-A82	HOSHJA82
		Adjustable Angle Aftermarket Replacement	
Odyssey Touring	2005-07	06421-S3V-A04	HOS3VA04
	2008-10	42753-SHJ-A53	HOSHJA53
		Adjustable Angle Aftermarket Replacement	
Odyssey (all sub-models)	2011-12	42753-SNA-A83	HOSNAA83
Odyssey	2013	42753-SNA-A83	HOSNAA83
Pilot (alloy whls)	2005	06421-S3V-A04	HOS3VA04
	2005	06421-S9V-A03	HOS9VA03
Pilot	2006-08	06421-S3V-A04	HOS3VA04
Pilot (alloy whls)	2009-12	42753-STK-A03	HOSTKA03
	2013	42753-STK-A04	HOSTKA03
Pilot (steel whls)	2009-12	42753-SZA-A12	HOSTKA03
Ridgeline RT	2006-08	06421-S9V-A03	HOS9VA03
Ridgeline RTL, RTS, RTX	2006-08	06421-S3V-A04	HOS3VA04
	2009-11	42753-SHJ-A53	HOSHJA53
		Adjustable Angle Aftermarket Replacement	
Ridgeline (steel whls)	2009-11	06421-S3V-A04	HOS3VA04
Ridgeline	2012	06421-S3V-A04	HOS3VA04

S2000	2008-09	42753-S2A-315	HOSWA306
<b>Hummer</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
H2	2008-10	15922396	OEC-1
H3	2006-10	15122618	SC2618
H3T	2009-10	15122618	SC2618
<b>Hyundai</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Accent (lo-line)	2006-07	52933-1F000	HY1FA00
	2008-11	52933-2F000	HY2F000
Accent	2012	52933-2M000	HY2M000
	2013	529332M001	
Azera	2007-12	52933-2G200	HY2G200
	2013	529332G201	
Elantra (non-touring)	2007-10	52933-2G200	HY2G200
	2011-12	52933-3X200	
Elantra	2013	52933-3X200	
Elantra (Touring)	2009-12	52933-2M000	HY2M000
Entourage	2007-10	52933-4D200	HY4D200
Equus (hi-line)	2011-12	52933-2F000	HY2F000
Genesis (hi-line)	2009-12	52933-2F000	HY2F000
Genesis Coupe	2010-12	52933-2M000	HY2M000
Santa Fe (hi-line, thru July '07)	2007-08	52933-4D200	HY4D200
Santa Fe (lo-line, thru Sept. '09)	2008-10	52933-2G200	HY2G200
Sante Fe	2011-12	52933-0W100	HY0W100
			HY2G200
Santa	2007-08	52933-1FA00	HY1FA00



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Sonata (Lo-Line, built late '08, fixed-angle)	2008-10	52933-2F000	HY2F000
Sonata	2011-12	52933-2M000	HY2M000
	2013	529332M001	
Tiburon	2007-08	52933-1FA00	HY1FA00
	2007-10	52933-1FA00	HY1FA00
	2010-12	52933-2F000	HY2F000
	2013	52933-2F000	HY2F000
Veloster	2012-13	52933-2V000	HY2V000
	2013	52933-2V000	HY2V000
Veracruz (hi-line)	2006-08	52933-4D200	HY4D200
Veracruz (lo-line)	2008-12	52933-2G200	HY2G200

## Infiniti

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
EX35	2008	40700-JK00C	OEC-3
	2009-10	40700-JK00C	OEC-3
	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0C	NI1LA0C
FX35 (pre-June)	2003-07	40700-CD001	OEC-3
FX35 (post-June)	2007-10	40700-JA02B	OEC-3
FX35	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0C	NI1LA0C
FX45 (pre-June)	2003-07	40700-CD001	OEC-3
FX45 (post-June)	2007-08	40700-JA01B	OEC-3
FX50	2009-10	40700-JK00C	OEC-3
	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0C	NI1LA0C
G25	2011-12	40700-1LA0C	NI1LA0C

G35	2003-06	40700-CD001	OEC-3
G35 (coupe)	2007	40700-JA01B	OEC-3
G35 (sedan)	2007-08	40700-JK00C	OEC-3
G37	2008-10	40700-JK00C	OEC-3
	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0C	NI1LA0C
M35	2006-07	40700-CD001	OEC-3
	2008-10	40700-JA01C	OEC-3
M35h	2012	40700-JA01C	OEC-3
M37	2011-12	40700-JA01C	OEC-3
M45	2003-07	40700-CD001	OEC-3
	2008-10	40700-JA01C	OEC-3
M56	2011-12	40700-JA01C	OEC-3
Q45 (pre-July)	2003-06	40700-CD001	OEC-3
Q45 (post-Aug)	2006	40700-JA01B	OEC-3
QX4	2003	40700-CD001	OEC-3
QX56 (alloy whls)	2004-07	40700-CK001	OEC-3
QX56 (steel whls)	2005-06	40700-CK002	OEC-3
QX56 (post-April)	2007-10	40700-JA02B	OEC-3
QX56	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0C	NI1LA0C

## Isuzu

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Ascender	2006-08	8257740060	SC4006
i-290	2007-08	15122618	SC2618
i-370	2007-08	15122618	SC2618
Rodeo	2004	8973271890	OEC-4



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Jaguar			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
S (315Mhz)	2007-08	C2Z15017	OEC-5
S (433Mhz)	2007-08	C2Z15016	
Vanden Plas (315Mhz)	2004-09	C2C25519	OEC-5
Vanden Plas (433Mhz)	2004-09	C2S40710	
XF (315Mhz)	2009-10	C2Z15017	OEC-5
	2010-12	C2Z15017	OEC-5
XF (433Mhz)	2009-10	C2Z15016	
	2010-12	C2Z15016	
XF	2013	C2Z15018	
XFR (315Mhz)	2012	C2Z15017	OEC-5
XFR (433Mhz)	2012	C2Z15016	
XJ (315Mhz)	2004-10	C2Z15017	OEC-5
	2010-12	C2Z15017	OEC-5
XJ (433Mhz)	2004-10	C2Z15016	
	2010-12	C2Z15016	
XJ	2013	C2D21601	OEC-5
XK (315Mhz)	2005-10	C2Z15017	OEC-5
	2010-12	C2D221601	OEC-5
XK (433Mhz)	2007-10	C2Z15016	
	2010-12	C2Z15016	
XJ	2013	C2C41656	
XKR (315Mhz)	2012	C2Z15017	OEC-5
XKR (433Mhz)	2012	C2Z15016	
Jeep			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#

Commander	2006-07	56029465AB	SC36AA
	2008-10	56029359AB	SI1698
Compass	2007-10	68001696AB	SC36AA
	2011-12	68078861AA	SC36AA
		68001696AB	
Compass	2013	68001696AB	SC36AA
Grand Cherokee	2002-04	52088990AC	OEC-4
	2005-07	68001696AB	SC36AA
	2008-10	56029359AB	SI1698
	2011-12	56029398AA	SC9400
	2013	56029398AB	SC9400
Liberty	2004	52088990AC	OEC-4
	2005-08	56029465AB	SC36AA
		56053036AA	SC36AA
Liberty (433Mhz)	2009	56029359AB	SI1698
Liberty (315Mhz, clamp-in)	2009-11	56029465AB	SI1698
Liberty (315 Mhz, snap-in)	2010-12	56029479AA	SC36AA
Patriot	2007-10	68001696AB	SC36AA
	2011-12	68078861AA	SC36AA
	2013	56029479AA	SC36AA
Wrangler	2007-08	56029465AB	SC36AA
		56053036AA	SC36AA
Wrangler (433Mhz, clamp-in)	2009-10	56029359AB	SI1698
Wrangler (315MHz, snap-in)	2010-12	56029479AA	SC36AA
Wrangler	2013	56029398AB	SC9400
Kia			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Amanti	2007-09	52933-1FA00	HY1FA00



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Borrego (lo-line)	2009	52933-2F000	HY2F000
Forte	2010-12	52933-2M000	HY2M000
	2013	52933-2M000	HY2M000
Magentis	2008-10	52933-2G200	HY2G200
Mohave	2009	52933-2F000	HY2F000
Optima	2006-10	52933-2G200	HY2G200
	2011-12	52933-2M000	HY2M000
	2013	52933-2M000	HY2M000
Rio & Rio5 (Lo-Line, Post 7/2/07)	2007-11	52933-2F000	HY2F000
Rio & Rio5 (lo-line)	2012-13	52933-3X200	
Rio	2013	52933-3X200	
Rondo (lo-line)	2007-09	52933-2G200	HY2G200
Sedona (hi-line)	2006-08	52933-4D200	HY4D200
Sedona (lo-line)	2009-12	52933-2G200	HY2G200
Sedona	2013	52933-2G200	HY2G200
Sorento	2005-10	52933-1FA00	HY1FA00
	2011-13	52933-2M000	HY2M000
Soul	2010-12	52933-2M000	HY2M000
	2013	529332M001	
Spectra & Spectra5 (lo-line)	2006-09	52933-2F000	HY2F000
Sportage	2006-08	52933-1FA00	HY1FA00
Sportage (lo-line)	2009-12	52933-2F000	HY2F000
Sportage	2013	52933-2F000	HY2F000
<b>Land Rover</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Evoque	2013	LR021936	OEC-5
LR2	2008-10	LR032833	OEC-5
	2010-12	LR032833	OEC-5

	2013	LR021936	OEC-5
LR3	2002-05	YBD000060	BEA001
LR3 (315Mhz)	2006-09	LR018860	OEC-5
LR3 (433Mhz)	2006-09	LR018861	
LR4	2010-12	LR032833	OEC-5
	2010-12	LR018861	
	2013	LR021936	OEC-5
Range Rover & Sport (315Mhz)	2006-10	LR021936	OEC-5
Range Rover & Sport (433Mhz)	2006-10	LR018861	
Range Rover & Sport & Evoque (315Mhz)	2010-12	LR032833	OEC-5
Range Rover	2013	LR021936	OEC-5
<b>Lexus</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
CT 200h	2011-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
ES 350	2007-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
GS 300	2006	42607-30030	OEC-2
		42607-33021	
GS 350	2007-11	42607-33021	OEC-2
	2013	42607-30070	
GS 430 (pre 6/2006)	2006	42607-30030	OEC-2
GS 430 (post 6/2006)	2006	42607-33021	OEC-2
GS 430	2007	42607-33021	OEC-2
GS 450h	2007-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
GS 460	2008-12	42607-33021	OEC-2



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

GX 460	2010-12	42607-33021	OEC-2
	2013	42607-33022	
GX 470	2004-05	42607-35010	OEC-2
GX 470 (Jan 31. & older)	2006	42607-35010	OEC-2
GX 470 (Feb. & newer)	2006	42607-24010	TO24010
GX 470	2007-08	42607-33021	OEC-2
HS250h	2010-12	42607-75010	OEC-2
IS 250 (Mar. & older)	2006	42607-30030	OEC-2
IS 250 (Apr. & newer)	2006-12	42607-33021	OEC-2
IS 250	2013	42607-33021	OEC-2
IS 350 (Mar. & older)	2006	42607-30030	OEC-2
IS 350 (Apr. & newer)	2006-12	42607-33021	OEC-2
IS 350	2013	42607-33021	OEC-2
IS F	2008-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
LFA	2012	42607-33021	OEC-2
	2013	42607-33021	OEC-2
LS 430 (indirect)	2004-06		
LS 460	2007-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
LS 600h	2008-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
LX 470	2005	42607-33011	OEC-2
LX 470 (Jul. & older)	2006	42607-24010	TO24010
LX 470 (Aug. & newer)	2006-09	42607-33021	OEC-2
LX 570	2008-11	42607-33021	OEC-2
	2013	42607-33021	OEC-2
RX 330	2004-06	42607-33021	OEC-2
RX 330 (USA built)	2006	42607-0E011	OEC-2

RX 330 (Japan built)	2006	42607-33021	OEC-2
	2007-11	42607-33021	OEC-2
	2012	42607-0E011	OEC-2
RX 350	2013	42607-0E011	OEC-2
RX 400h	2007-09	42607-33021	OEC-2
RX 450h	2010-12	42607-33021	OEC-2
	2013	42607-33021	OEC-2
SC 430	2002-06	42607-24010	TO24010
		42607-24020	
		42607-24030	
		42607-24040	
SC 430	2007-09	42607-33021	OEC-2
<b>Lincoln</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Aviator	2003-05	4L2Z-1A-150BA	OEC-4
Mark LT	2007-08	6F2Z-1A-189A	LE6L2T
MKS	2009-10	7L1Z-1A-189A	LE6L2T
	2011-12	9L3Z-1A-189A	SC9L2T
	2013	9L3Z-1A-189A	SC9L2T
MKT	2010	7L1Z-1A-189A	LE6L2T
	2011-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
MKX	2007-10	7L1Z-1A-189A	LE6L2T
	2011-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
MKZ	2007-09	6F2Z-1A-189A	LE6L2T
	2010-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Navigator	2003-04	4L2Z-1A-150BA	OEC-4
	2005-06	5L1Z-1A150-AB	OEC-3
	2007-10	7L1Z-1A-189A	LE6L2T
	2011-12	CM5T-1A150-AA	SC9L2T
	2013	DE8T-1A180-AA	
Town Car	2008-11	6F2Z-1A-189A	LE6L2T
Town Car (snap-in)	2011-12	9L3Z-1A-189A	SC9L2T
Mazda			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
2	2011-12	BBM2-37-140B	OEC-5
3	2004	FE01-37-140A	OEC-5
	2005-10	BBM2-37-140B	OEC-5
	2011-12	BBM2-37-140B	OEC-5
	2013	BBM2-37-140B	OEC-5
5	2006-10	BBM2-37-140B	OEC-5
	2011-12	BBM2-37-140B	OEC-5
	2013	BBM2-37-140B	OEC-5
6	2005-10	BBM2-37-140B	OEC-5
	2011-12	BBM2-37-140B	OEC-5
	2013	BBM2-37-140B	OEC-5
B Series Pickup	2007-09	6F2Z-1A-189A	LE6L2T
CX-7	2007-10	BBM2-37-140B	OEC-5
	2010-12	BBM2-37-140B	OEC-5
CX-9	2007-10	BBM2-37-140B	OEC-5
	2010-12	BBM2-37-140B	OEC-5
	2013	BBM2-37-140B	OEC-5
MX-5 Miata	2006-10	BBM2-37-140B	OEC-5
	2010-12	BBM2-37-140B	OEC-5

RX-8	2004	FE01-37-140A	OEC-5
	2005-11	BBM2-37-140B	OEC-5
Tribute (band)	2006-09	ZZC1-37-140	LE6L2T
Tribute (snap-in)	2009-11	ZZDA-37-140	SC9L2T
Mercedes-Benz			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
C Class	2007		
	2007-12	000 905 4100	SC9400
C250, C300, C350, C63	2013	000 905 7200	
CL Class (315Mhz)	2000-06	000 822 3406	BEB004
CL Class (433Mhz)	2000-06	000 822 3306	BEA001
CL Class (315Mhz)	2007-10	002 540 7917	SE58001
CL Class (433Mhz)	2007-09	002 540 8017	SE58002
	2010-12	000 905 4100	SC9400
CL550, CL600, CL63, CL65	2013	000 905 7200	
CLK Class (indirect)	2006-07		
CLK Class (315Mhz)	2006-07	000 822 3406	BEB004
CLK Class (433Mhz)	2007-09	002 540 9017	SC9400
CLS Class (indirect)	2006-07		
CLS Class (315Mhz)	2006-11	002 540 7917	SE58001
CLS Class (433Mhz)	2006-11	002 540 8017	SE58002
	2012	000 905 4100	SC9400
CLS550, CLS63	2013	000 905 7200	
E Class (315Mhz)	2000-05	000 822 3406	BEB004
E Class (433Mhz)	2000-05	000 822 3306	BEA001
E Class (315Mhz)	2006-09	002 540 7917	SE58001
E Class (433Mhz)	2006-09	002 540 8017	SE58002
	2010-12	000 905 4100	SC9400



# OE APPLICATION SEARCH GUIDE



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E350, E550, E63	2013	000 905 7200	
G Class	2007-12	002 540 9017	SC9400
G550	2013	000 905 7200	
GL Class (315Mhz)	2007-09	002 540 7917	SE58001
GL Class (433Mhz)	2007-09	002 540 8017	SE58002
	2010-12	000 905 4100	SC9400
GL350, GL450, GL550, GL63	2013	000 905 7200	
GLK (433Mhz)	2010-12	000 905 4100	SC9400
GLK350	2013	000 905 7200	
ML Class (315Mhz)	2006-08	002 540 7917	SE58001
ML Class (433Mhz)	2006-09	002 540 8017	SE58002
	2010-12	000 905 4100	SC9400
ML350, ML63	2013	000 905 7200	
R Class (315Mhz)	2006-08	002 540 7917	SE58001
R Class (433Mhz)	2006-09	002 540 8017	SE58002
	2010-12	000 905 4100	SC9400
R350	2013	000 905 7200	
S Class (315Mhz)	2000-06	000 822 3406	BEB004
S Class (433Mhz)	2000-06	000 822 3306	BEA001
S Class (315Mhz)	2007-11	002 540 7917	SE58001
S Class (433Mhz)	2007-09	002 540 8017	SE58002
	2010-12	000 905 4100	SC9400
S350, S400, S550, S600, S63, S65	2013	000 905 7200	
SL Class (315Mhz)	2000-05	000 822 3406	BEB004
SL Class (433Mhz)	2000-05	000 822 3306	BEA001
SL Class (315Mhz)	2006-12	002 540 7917	SE58001
SL Class (433Mhz)	2006-09	002 540 8017	SE58002
SL550, SL63	2013	000 905 7200	
SLK Class (indirect)	2005-06		

SLK Class (indirect)	2007		
SLK Class	2008-12	000 905 4100	SC9400
SLK250, SLK350	2013	000 905 7200	
SLR Class (315Mhz)	2004-06	000 822 3406	BEB004
SLR Class (433Mhz)	2000-06	000 822 3306	BEA001
SLR Class (315Mhz)	2008-09	002 540 7917	SE58001
SLR Class (433Mhz)	2008-09	002 540 8017	SE58002
SLS (433Mhz)	2011-12	000 905 4100	SC9400
SLS	2013	000 905 7200	

## Mercury

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Grand Marquis	2006-11	6F2Z-1A-189A	LE6L2T
Grand Marquis (snap-in)	2011	9L3Z-1A-189A	SC9L2T
Mariner	2006-08	6F2Z-1A-189A	LE6L2T
	2009-11	9L3Z-1A-189A	SC9L2T
Milan	2008-09	6F2Z-1A-189A	LE6L2T
	2010-11	9L3Z-1A-189A	SC9L2T
Montego	2006-07	7L1Z-1A-189A	LE6L2T
Monterey (indirect)	2004-05		
Monterey (direct)	2004-05	5L1Z-1A150-AB	OEC-3
Monterey	2006-07	6F2Z-1A-189A	LE6L2T
Mountaineer	2002-05	4L2Z-1A-150BA	OEC-4
	2006-10	6F2Z-1A-189A	LE6L2T
Sable	2008-09	7L1Z-1A-189A	LE6L2T

## Mini

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Cooper	2004-07		



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Cooper	2007-09	36236781847	BEA008
Cooper (from Sept. 2009)	2010-12	36106790054	BEA012
Cooper	201	36106790054	BEA012
Mitsubishi			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Eclipse (alloy whls)	2006-10	MN103081	OEC-3
Eclipse (steel whls)	2006-07	4250A030	OEC-3
Eclipse	2011-12	4250B877	OEC-3
Endeavor	2004-05	MN103033	OEC-4
Endeavor (Aug. & older)	2006	MN103033	OEC-4
Endeavor (Sep. & newer, '06MY)	2006-10	MN103081	OEC-3
Endeavor (post 5/2010)	2010-11	4250B877	OEC-3
Galant	2004-06	MN103033	OEC-4
Galant (alloy whls)	2007-12	4250B877	OEC-3
	2013	4250B877	OEC-3
Galant (steel whls)	2007-12	4250B875	OEC-3
	2013	4250B875	OEC-3
i-MiEV	2012	4250B975	SC36AA
Lancer (Before 8/2009)	2008-09	4250B975	SC36AA
Lancer (post 8/2009)	2009-10	4250B668	
Lancer (post 3/2010)	2010-12	4250B975	SC36AA
Lancer (alloy whls)	2013	4250B976	
Lancer (steel whls)	2013	4250B975	SC36AA
Montero/Sport	2003-06	MN103081	OEC-3
Outlander (pre 8/2009)	2007-09	4250B975	SC36AA
Outlander (post 8/2009)	2009-10	4250B668	
Outlander/Sport (post 3/2009)	2010-12	4250B975	SC36AA
Outlander (alloy whls)	2013	4250B668	

Outlander (steel whls)	2013	4250B975	SC36AA
Raider	2008-10	56029319AA	SC9319
Nissan			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
350Z	2004-06	40700-CD001	OEC-3
	2007-09	40700-1AA0C	OEC-3
370Z	2009-10	40700-JK00C	OEC-3
	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0A	
Altima	2006-12	40700-JA01B	OEC-3
	2012	40700-3AN0A	
	2013	40700-3JA0A	
Armada SE (alloy whls)	2005-08	40700-CK001	OEC-3
Armada (steel whls)	2005-06	40700-CK002	OEC-3
Armada LE	2008-12	40700-JA01B	OEC-3
Armada	2013	40700-1AA0D	OEC-3
Cube w/o Intelligent Key	2009-12	40700-1AA0D	OEC-3
Cube w/Intelligent Key	2011-12	40700-3AN0A	
Cube	2013	40700-1AA0D	OEC-3
Frontier	2003-04	40700-CD001	OEC-3
Frontier (alloy whls)	2005-08	40700-CK001	OEC-3
Frontier (steel whls)	2005-07	40700-CK002	OEC-3
Frontier (steel whls)	2008	40700-JA01B	OEC-3
Frontier	2009-12	40700-1AA0D	OEC-3
	2013	40700-1AA0D	OEC-3
GT-R	2009-12	40700-1AA0B	OEC-3
Frontier	2013	40700-1AA0B	OEC-3
Juke w/o Intelligent Key	2011-12	40700-1AA0D	OEC-3



# OE APPLICATION SEARCH GUIDE

01  
make

02  
model

03  
year

04  
Orange  
Sensor

• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Juke w/o Intelligent Key	2013	40700-JK01A	OEC-3
Juke w/Intelligent Key	2011-12	40700-1LA0C	NI1LA0C
Leaf	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-3AN1A	
Maxima (pre 4/2007)	2006-07	40700-CK001	OEC-3
Maxima (post 4/2007)	2007-11	40700-1AA0B	OEC-3
Maxima	2012	40700-3AN0A	
	2013	40700-3AN0A	
Murano	2003-06	40700-CD001	OEC-3
	2007-12	40700-1AA0B	OEC-3
	2013	40700-JK00E	
NV1500, 2500, 3500	2012	40700-1PA0A	
NV	2013	40700-1PA0A	
NV-200	2013	40700-1A00D	
Pathfinder (pre 8/2004)	2003-04	40700-CD001	OEC-3
Pathfinder (post 8/2004)	2004	40700-CK002	OEC-3
Pathfinder	2005	40700-CK001	OEC-3
		40700-CK002	OEC-3
	2006	40700-CK001	OEC-3
	2007	40700-JA01B	OEC-3
		40700-JA01A	OEC-3
	2008-11	40700-1AA0D	OEC-3
	2012	40700-3AN0A	
	2013	40700-3JA0A	
Quest (alloy whls)	2005-06	40700-CK001	OEC-3
Quest (steel whls)	2004-07	40700-CK002	OEC-3
Quest (alloy whls)	2007-09	40700-JA01B	OEC-3
Quest	2011-12	40700-1LA0C	NI1LA0C
	2013	40700-1LA0D	

Rogue	2008-12	440700-1AA0B	OEC-3
Rogue	2013	40700-JK00E	
Sentra (alloy whls)	2007	40700-CK001	OEC-3
Sentra (steel whls)	2007	40700-JA01B	OEC-3
Sentra	2008-12	40700-1AA0D	OEC-3
	2013	40700-1AA0D	OEC-3
Titan (alloy whls, post 4/2005)	2005-06	40700-CK001	OEC-3
Titan (steel whls,pre 3/2005)	2004-05	40700-CK002	OEC-3
Titan (pre 4/2007)	2007	40700-CK001	OEC-3
Titan (post 4/2007)	2007-12	40700-JA02B	OEC-3
Titan	2013	40700-1AA0D	OEC-3
Versa, sedan (pre 6/2011)	2007-12	40700-JA01B	OEC-3
Versa, hatchback	2011-12	40700-3AN0A	
Versa w/o Intelligent Key		40700-3AN0A	
Versa w Intelligent Key	2013	40700-3AN1A	
Xterra	2003-04	40700-CD001	OEC-3
Xterra (alloy whls)	2005-06	40700-CK001	OEC-3
Xterra (steel whls)	2006	40700-CK002	OEC-3
Xterra (pre 4/2007)	2007	40700-CK002	OEC-3
Xterra (post 4/2007)	2007-11	40700-JA01B	OEC-3
Xterra	2012	40700-1AA0D	OEC-3
Xterra	2013	40700-1AA0D	OEC-3

## Oldsmobile

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Alero	1999-00		
Aurora	2001-03		



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Plymouth			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Prowler	1997-01	04815132AB	
Prowler	2002	52088990AC	OEC-4
Pontiac			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Aztec	2003-05		
Bonneville	2000-05		
G3	2009-10	25920615	OEC-1
G5 (clamp-in)	2008	15921013	OEC-1
G5 (snap-in)	2008-10	25920615	OEC-1
G6 (clamp-in)	2008	15921013	OEC-1
G6 (snap-in)	2008-10	25920615	OEC-1
G8	2008-09	25920615	OEC-1
Grand Am	1999-02		
Grand Prix	2004-06		
Grand Prix	2007-08	15921013	OEC-1
Montana SV6	2008	15268606	OEC-1
Solstice	2008-10	15921013	OEC-1
Torrent	2006-07	15268606	OEC-1
		10394110	OEC-1
Vibe	2005-07		
Vibe (made in USA)	2008-10	88974915	OEC-2
Vibe (made in Japan)	2008-10	42607-33011	OEC-2
Wave	2008-09	25920615	OEC-1

Porsche			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
911 (315Mhz)	2005-08		BEB004
911 (433Mhz)	2005-08	99760602100	BEA001
	2009-12	99760602120	BEA008
Boxster (315Mhz)	2005-08		BEB004
Boxster (433Mhz)	2005-08	99760602100	BEA001
Boxster (433Mhz) Post 11/2009	2009-12	99760602120	BEA008
Carerra GT	2002-06	99760602100	BEA001
Cayenne (315Mhz)	2003-06	95536166111	BEB004
Cayenne (433Mhz)	2002-06	95536166100	BEA008
	2007-09	95560602100	BEA001
Cayenne (315Mhz)	2009-10	95560602300	BEB004
Cayenne (433Mhz)	2010-12	95836166100	BEA008
Cayman	2006-08	99760602100	BEA001
	2009-12	99760602120	BEA008
Panamera (315Mhz)	2010-11	99760602120	BEA008
Panamera (433Mhz)	2010-12	99760602100	BEA001
Saab			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
9-3	2004-07	13172567	SC2567
	2008-12	13227143	SC9400
9-4x	2012	20922900	OEC-1
9-5	2004-07	13172567	SC2567
	2008-12	13227143	SC9400
	2010-12	20922900	OEC-1
9-7x	2007-09	25774006	SC4006



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Saturn			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Astra (433MHz)	2008-09	13172567	SC2567
Astra (315MHz black sensor)	2010	12768826	SC8826
Astra (314.9MHz grey sensor)	2010	12768826	SC8826
Aura (clamp-in)	2007	10394110	OEC-1
Aura (clamp-in)	2007-08	15921013	OEC-1
Aura (snap-in)	2008-10	25920615	OEC-1
Lambda Crossover	2007-08	15268606	OEC-1
Outlook (clamp-in)	2007-08	15921013	OEC-1
Outlook (snap-in)	2008-10	25920615	OEC-1
Sky	2007-09	15921013	OEC-1
Vue	2007-10	25920615	OEC-1
Scion			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
iQ	2011-12	42607-33011	OEC-2
	2013	42607-33011	OEC-2
tC (indirect)	2005-06		
tC	2006-12	42607-33011	OEC-2
	2013	42607-33011	OEC-2
xB	2007-12	42607-33011	OEC-2
	2013	42607-33011	OEC-2
xD	2008-12	42607-33011	OEC-2
	2013	42607-33011	OEC-2
Smart			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#

For Two	2008-12	003 540 0217	SC9400
	2013	000 905 7200	
Subaru			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
B9 Tribeca	2006-07	28103AG00A	OEC-6
BRZ	2013	28103CA000	
Forester	2008-12	28103AG01C	OEC-6
	2013	28103AG01C	OEC-6
Impreza	2008-12	28103AG01C	OEC-6
	2013	28103SA002	
Legacy	2004	28103AG00A	OEC-6
	2005-07	28103AG00A	OEC-6
Legacy (clamp-in)	2008	28103AG00A	OEC-6
Legacy (snap-in)	2008-12	28103AG01C	OEC-6
Legacy	2013	28103AG01C	OEC-6
Outback	2004	28103AG00A	OEC-6
	2005-07	28103AG00A	OEC-6
	2008-12	28103AG01C	OEC-6
	2013	28103AG01C	OEC-6
Tribeca	2008-10	28103AG01C	OEC-6
	2011-12	28103AG01C	OEC-6
	2013	28103AG01C	OEC-6
XV Crosstrek	2013	28103AG01C	OEC-6
Suzuki			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Equator	2009-12	43211-82Z10	OEC-3
	2013	43211-82Z10	OEC-3



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Forenza	2007-08	43130-85Z00	OEC-1
Grand Vitara	2007-12	43130-54J21	OEC-6
Grand Vitara	2013	43130-54J22	
Kizashi	2010-12	43130-57L00	SC36AA
Reno	2007-08	43130-85Z00	OEC-1
SX4	2007-12	43130-54J21	OEC-6
SX4	2013	43130-54J22	
Verona (indirect)	2005-06		
Verona	2005-06	43130-86Z20	OEC-3
XL-7	2005-06	43130-54J20	OEC-6
XL-7	2007-09	43130-78J10	OEC-1
XL-7	2007-09		OEC-1

## Toyota

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
4Runner	2003-05	42607-35010	OEC-2
	2006	42607-33011	OEC-2
		42607-35010	
		42607-33021	
		42607-30030	
	2007-09	42607-33011	OEC-2
	2007-09	42607-33021	OEC-2
	2010-12	42607-33021	OEC-2
2013	42607-33021	OEC-2	
Avalon (USA)	2007-12	42607-06011	OEC-2
Avalon (Japan)	2007-08	42607-33011	OEC-2
Avalon	2013	42607-06020	
Camry (USA)	2007-11	42607-06011	OEC-2

Camry (Japan)	2007-11	42607-33011	OEC-2
Camry	2012	42607-06011	OEC-2
	2013	42607-06011	
Corolla (indirect)	2005-07		
Corolla (USA)	2007-08	42607-06011	OEC-2
Corolla (Japan)	2007-09	42607-33011	OEC-2
Corolla (Japan,VIN= J first digit)	2009-11	42607-33021	OEC-2
Corolla (Japan,all other VINS)		42607-33011	OEC-2
Corolla (USA,VIN= 1 first digit)		42607-06011	OEC-2
Corolla (USA,all other VINS)		42607-02010	OEC-2
Corolla (USA)	2012	42607-06011	OEC-2
Corolla (Japan)	2012	42607-33011	OEC-2
Corolla (USA)	2013	42607-06011	
Corolla (Japan)	2013	42607-33011	OEC-2
FJ Cruiser	2008-12	42607-33011	OEC-2
	2013	42607-33011	OEC-2
Highlander	2004-06		
	2007-12	42607-06011	OEC-2
	2013	42607-06011	OEC-2
Land Cruiser	2005-07	42607-33011	OEC-2
	2008-11	42607-33011	OEC-2
	2013	42607-33011	OEC-2
Matrix (indirect)	2005-07		
Matrix (USA)	2007-12	42607-06011	OEC-2
Matrix (Japan)	2007-12	42607-33011	OEC-2
Matrix	2012	42607-06011	OEC-2
Matrix (USA)	2013	42607-06011	OEC-2
Matrix (Japan)	2013	42607-33011	OEC-2
Prius	2006-12	42607-33011	OEC-2



# OE APPLICATION SEARCH GUIDE

01  
make

02  
model

03  
year

04  
Orange  
Sensor

• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Prius	2012	42607-52020	
	2013	42607-33011	OEC-2
RAV4	2004-05		
	2006	42607-33011	OEC-2
	2007-12	42607-33021	OEC-2
	2011-12	42607-06011	OEC-2
	2013	42607-33021	OEC-2
Sequoia (20°; alloy whl)	2004-07	42607-0C020	OEC-2
Sequoia (40°; steel whl)	2004-07	42607-0C010	TO0C010
Sequoia (20°; alloy whl)	2008-11	42607-0C050	TO0C050
Sequoia (40°; steel whl)	2008	42607-0C060	TO0C050
Sequoia	2012	42607-08010	TO0C050
	2013	42607-08010	TO0C050
Sienna (indirect)	1998-06		
Sienna	2006-12	42607-08010	TO0C050
	2013	42607-08010	TO0C050
Solara (indirect)	2004-06		
Solara	2006-11	42607-06011	OEC-2
Tacoma (20°; alloy whl) Dec. 1 & newer	2005	42607-AD020	OEC-2
Tacoma (20°; alloy whls) Nov. 30 & older	2005	42607-0C020	OEC-2
Tacoma (40°; steel whls) Dec. 1 & newer	2005	42607-AD010	OEC-2
Tacoma (40°; steel whls) Nov. 30 & older	2005	42607-0C010	OEC-2
Tacoma (20°; alloy whls) Jul & older	2006	42607-AD020	TO0C010

Tacoma (20°; alloy whls) Aug & newer	2006	42607-06011	TO04010
Tacoma (40°; steel whls) Jul & older	2006	42607-AD010	OEC-2
Tacoma (40°; steel whls) Aug & newer	2006	42607-04010	TO04010
Tacoma (20°; alloy whl)	2007	42607-06011	OEC-2
Tacoma (40°; steel whl)	2007	42607-04010	TO04010
Tacoma (20°; alloy whl)	2008-12	42607-06011	OEC-2
Tacoma (40°; steel whl)	2008-12	42607-04010	TO04010
Tacoma (20°; alloy whl)	2013	42607-06011	OEC-2
Tacoma (40°; steel whl)	2013	42607-04010	OEC-2
Tundra (20°; alloy whl)	2005	42607-0C020	TO0C050
Tundra (20°; alloy whl) Oct. 31 & older	2006	42607-0C020	TO0C010
Tundra (20°; alloy whl) Nov.1 & newer	2006	42607-0C050	TO0C050
Tundra (40°; steel whl) Oct. 31 & older	2005-06	42607-0C010	TO0C050
Tundra (40°; steel whl) Nov.1 & newer	2006	42607-0C060	TO0C050
Tundra (20°; alloy whl)	2007-11	42607-0C050	TO0C050
Tundra (40°; steel whl)	2007-11	42607-0C060	TO0C050
Tundra	2012	42607-08010	TO0C050
Tundra (alloy wheel)	2013	42607-08010	TO0C050
Venza	2009-12	42607-06011	OEC-2
	2013	42607-06011	OEC-2
Yaris	2007-11	42607-33011	OEC-2
	2012	42607-06020	



# OE APPLICATION SEARCH GUIDE



• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
Yaris	2013	42607-06011	OEC-2
<b>Volkswagen</b>			
Beetle	2007-11	1K0-907-253D	SI253D
	2012		
CC	2009-10	1K0-907-253D	SI253D
	2011-12	1K0-907-253D	SI253D
	2013	3AA907275B	
EOS	2007-12	1K0-907-253D	SI253D
	2013	1K0-907-253D	SI253D
GLI	2008-10	1K0-907-253D	SI253D
Golf	2010-11	1K0-907-253D	SI253D
	2012		
GTI	2006-07	1K0907253E	SI253D
	2006-12	1K0-907-253D	SI253D
GTI (indirect)	2007		
Jetta (indirect)	2005-07		
Jetta	2005-11	1K0-907-253D	SI253D
	2012		
Passat	2006-08	1K0907253E	SI253D
	2008-11	1K0-907-253D	SI253D
	2012		
Phaeton (315Mhz)	2004-06	4D0907275C	BEA001
Phaeton (433Mhz) thru May 2007	2004-06	4F0907275B	BEA007
Phaeton (433Mhz) June 2007	2007-10	4F0907275B	BEA007
Phaeton (433Mhz)	2011	4F0907275D	BEA008
R32	2008-10	1K0-907-253D	SI253D
Rabbit	2006-07	1K0907253E	SI253D

Rabbit	2006-10	1K0-907-253D	SI253D
Routan (433Mhz)	2009-12	7B0-907-253A	
Tiguan	2009-11	1K0-907-253D	SI253D
	2012	1K0-907-253D	SI253D
Touareg	2002-06	7L0-907-275	BEA007
Touareg (315Mhz)	2013	7P0907275A	
Touareg (433Mhz)	2013	7P0907275	
Touareg 2	2007-10	4F0907275B	BEA007
	2011-12	4F0907275D	BEA008
<b>Volvo</b>			
Make Model	Year	OEM Sensor Part#	Orange Electronic Sensor Part#
C30	2007-12	31302096	SC0297
	2013	313020960	
C70	2006-07	30681555	SC0297
	2008-12	31302096	SC0297
	2013	313020960	
S40	2004-07	30681555	SC0297
	2008-11	31302096	SC0297
	2013	313020960	
S60 (315Mhz)	2004-08	30748991	OEC-6
S60 (snap-in)	2009-10	31200923	
S60 (433Mhz)	2011-12	31302096	SC0297
S60	2013	313020960	
S80 (315Mhz)	2004-07	30748991	OEC-6
S80 (433Mhz)	2017-12	31302096	SC0297
S80	2013	313020960	
V50	2005-07	30681555	SC0297
	2008-12	31302096	SC0297



# OE APPLICATION SEARCH GUIDE



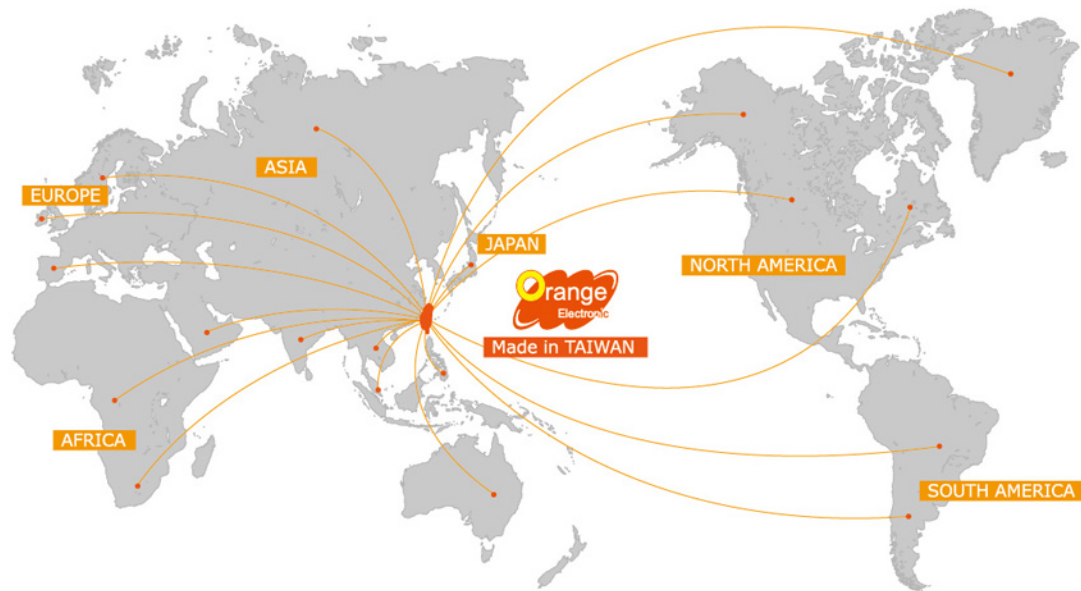
• Use the vehicle application search guide to obtain corresponding Orange Simple sensors based on vehicle make, model and year.

V70 (315Mhz)	2004-07	30748991	OEC-6
V70 (433Mhz)	2008-10	31302096	SC0297
XC60	2010-12	31302096	SC0297
	2013	313020960	
XC70 (315Mhz)	2004-07	30748991	OEC-6
XC70 (433Mhz)	2018-12	31302096	SC0297
XC70	2013	313020960	
XC90 (315Mhz)	2004-07	30748991	OEC-6
XC90 (433Mhz)	2008-12	31302096	SC0297
XC90	2013	31200923	



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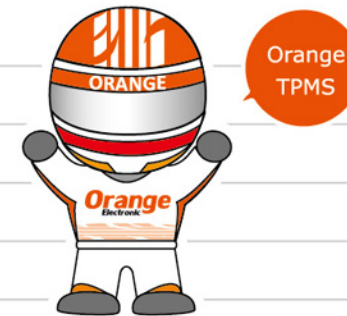


**Orange Electronic Co., Ltd.**  
 T:+886-4-2535-1558 F:+886-4-2535-1582  
 sales@orange-electronic.com



**Orange · JAPAN Inc.**  
 T:+81-3-5368-1566 F:+81-3-5368-1585  
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# MEMO




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Orange Retrofit Kits

