

# Passenger Car & Light Truck

YEAR	ENGINE/OPTIONS	FOOT NOTE	GROUP/TYPE NO.	O.E. CCA (@0°F)	YEAR	ENGINE/OPTIONS	FOOT NOTE	GROUP/TYPE NO.	O.E. CCA (@0°F)	YEAR	ENGINE/OPTIONS	FOOT NOTE	GROUP/TYPE NO.	O.E. CCA (@0°F)
<b>TOYOTA (Cont.)</b>					<b>VOLKSWAGEN (Cont.)</b>					<b>VOLKSWAGEN (Cont.)</b>				
<b>Tacoma (Cont.)</b>					<b>Beetle (Cont.)</b>					<b>EuroVan (Cont.)</b>				
2008-07	V6 4.0L		24F	585	2014	L4 2.0L PR-J0N	54,57,66,67, 70	47	540	2002-00	V6 2.8L Auxiliary	62	27	570
2006	V6 4.0L Cold Climate or Towing Package		27F	710	2014	L4 2.0L PR-J1L	54,57,66,67, 70	48	480	2002-00	V6 2.8L Primary Battery	54	97R	575
2006	V6 4.0L ex. Cold Climate & Towing Package				2014	L4 2.0L PR-J2D	54,57,66,67, 69,70	48	680	1999	V6 2.8L	62	42	460
2005	V6 4.0L		24F	585	2013-12	L4 2.0L PR-J0N	54,57,66,67, 70	47	540	1997-95	L5 2.4L Auxiliary	62	27	570
2004	L4 2.4L		35	310	2013-12	L4 2.0L PR-J0T	54,57,66,67, 70	48	680	1997-95	L5 2.4L Diesel	97R	575	575
2004	L4 2.7L		35	310	2013-12	L4 2.0L PR-J1L	54,57,66,67, 70	48	480	1997	V6 2.8L		42	460
2004	V6 3.4L		24F	550	2013-12	L4 2.0L PR-J2D	54,57,66,67, 69,70	48	680	1996	L5 2.5L Auxiliary	62	27	570
2003-01	L4 2.4L Canada & Optional		24F	585	2013-12	L5 2.5L PR-J0T			680	1996	L5 2.5L Primary Battery		97R	575
2003-01	L4 2.4L U.S.		35	360	2013	L4 2.0L Diesel, PR-J0N	54,57,66,67, 70	47	540	1995	L5 2.5L		42	460
2003-01	L4 2.7L Canada & Optional		24F	585	2013	L4 2.0L Diesel, PR-J0T			680	<b>Golf</b>				
2003-01	L4 2.7L U.S.		35	360	2013	L4 2.0L Diesel, PR-J1D	54,57,66,67, 70	48	640	2014-10	L5 2.5L	54,66	47	540
2003-01	V6 3.4L Canada & Optional		24F	585	2013	L4 2.0L Diesel, PR-J1L	54,57,66,67, 70	48	480	2014-10	L5 2.5L Optional	54,66	48	640
2003-01	V6 3.4L U.S.		35	360	2013	L4 2.0L Diesel, PR-J2D	54,57,66,67, 69,70	48	680	2014	L4 2.0L	54,66	47	540
2000-95	L4 2.4L		35	360	2012	L4 2.0L PR-J1D	54,57,66,67, 69,70	48	680	2014	L4 2.0L Optional	54,66	48	640
2000-95	L4 2.4L Optional		24F	585	2012	L5 2.5L PR-J1D	54,57,66,67, 69,70	48	640	2013-10	L4 2.0L Diesel	54,66	47	540
2000-95	L4 2.7L		24F	585	2010-06	L5 2.5L	54,57,66,67, 70	47	540	2013-10	L4 2.0L Diesel, Optional	54,66	48	640
2000-95	V6 3.4L		35	360	2010-06	L5 2.5L Optional	54,57,66,67, 70	48	640	2013	L4 2.0L Gas	54,66	47	540
2000-95	V6 3.4L Optional		24F	585	2006	L4 1.9L Turbo Diesel	54,57,66,67, 70	47	540	2013	L4 2.0L Gas, Optional	54,66	48	640
<b>Tercel</b>					2006	L4 1.9L Turbo Diesel	54,57,66,67, 70	47	540	2012	L4 2.0L Gas	54,66	48	640
1999-97	L4 1.5L		21	310	2005-04	L4 1.9L Turbo Diesel			640	2012	L4 2.0L Gas, Optional	54,66	47	540
1999-97	L4 1.5L Optional		25	360	2005-03	L4 1.8L			480	2006	L4 1.8L		47	480
1996-95	L4 1.5L		25	360	2005-03	L4 2.0L			480	2006	L4 1.9L Diesel		48	570
1996-95	L4 1.5L Optional		25	410	2005	L4 1.8L			480	2006	L4 2.0L ex. Turbo		47	480
<b>Tundra</b>					2006	L4 1.9L Turbo Diesel, Optional	54,57,66,67, 70	48	640	2005-04	L4 1.9L Turbo Diesel		94R	640
2014-10	V8 4.6L		24F	585	2005-08	L4 2.0L			480	2005-03	L4 1.8L		47	570
2014-10	V8 4.6L Optional		27F	710	2005	L4 1.8L			480	2005-03	L4 2.0L		47	570
2014-08	V6 4.0L Optional		27F	710	2005	L4 1.9L Turbo Diesel			480	2005-03	V6 2.8L		94R	640
2014-08	V8 5.7L Optional		27F	710	2004-98	L4 1.9L Turbo Diesel			640	2004	V6 3.2L	66	47	480
2014-07	V6 4.0L		24F	585	2004-03	L4 1.8L			640	2003	L4 1.9L Turbo Diesel		47	570
2014-07	V8 5.7L		24F	585	2002-00	L4 1.8L			480	2002-00	L4 1.8L		47	575
2009-08	V8 4.7L Optional		27F	710	2002-00	L4 1.8L			480	2002-00	L4 2.0L		47	575
2009-07	V8 4.7L		24F	585	1999	L4 1.8L			480	2002-00	V6 2.8L		47	575
2006-05	V8 4.7L ex. Cold Climate		24F	585	<b>Cabrio</b>					2002	L4 1.9L Turbo Diesel		47	575
2006-02	V8 4.7L Cold Climate or Optional		27F	710	2002-00	L4 2.0L			575	2001	L4 1.9L Diesel		47	575
2006	V6 4.0L Cold Climate or Optional		27F	710	1999-98	L4 2.0L			97R 575	2000	L4 1.9L Diesel		94R	620
2006	V6 4.0L ex. Cold Climate		24F	585	1997-95	L4 2.0L			460	1999-98	L4 2.0L		97R	575
2005	V6 4.0L		24F	585	<b>CC</b>					1999-98	V6 2.8L		97R	575
2005	V6 4.0L Optional		27F	710	2014-12	L4 2.0L	54,57,66,67, 70	47	540	1999	L4 1.9L Diesel		98R	620
2004-02	V8 4.7L Primary Battery		24F	585	2014-12	L4 2.0L Optional	54,57,66,67, 70	48	640	1998	L4 1.8L		97R	575
2004-00	V6 3.4L AT or Optional		24F	585	2014-12	L4 2.0L Optional	54,57,66,67, 69,70	48	680	1998	L4 1.9L Diesel		97R	575
2004-00	V6 3.4L MT		35	360	2014-12	L4 2.0L Optional	54,57,66,67, 70	49	760	1997	L4 1.8L		42	460
2001-00	V8 4.7L		24F	585	2014-12	V6 3.6L	54,57,66,67, 70	47	540	1997	L4 1.9L Diesel		98R	620
2000	V8 4.7L Optional		27F	650	2014-12	V6 3.6L Optional	54,57,66,67, 70	48	640	1997	L4 2.0L		42	460
<b>Venza</b>					2014-12	V6 3.6L Optional	54,57,66,67, 69,70	48	680	1996-95	L4 1.8L		41	575
2014-09	L4 2.7L		24F	585	2014-12	V6 3.6L Optional	54,57,66,67, 70	49	760	1996-95	L4 1.8L Optional		41	650
2014-09	V6 3.5L		24F	585	2013-12	L4 2.0L Optional			680	1996-95	L4 2.0L		41	575
<b>Yaris</b>					2013-12	V6 3.6L Optional			680	1996-95	L4 2.0L Optional		41	650
2014-06	L4 1.5L	45	55D23L	360	2011-09	L4 2.0L	54	47	480	1996-95	V6 2.8L		41	575
<b>VOLKSWAGEN</b>					2011-09	V6 3.6L	54	48	640	1995	L4 1.9L Diesel, Optional		41	650
<b>Beetle</b>					<b>Corrado</b>					<b>Golf City</b>				
2014-13	L4 2.0L PR-J1D	54,57,66,67, 70	48	640	1995	V6 2.8L		42	460	2010-07	L4 2.0L	66	47	540
2014-13	L5 2.5L PR-J1D	54,57,66,67, 70	48	640	<b>Eos</b>					<b>GTI</b>				
2014-12	L5 2.5L PR-J0N	54,57,66,67, 70	47	540	2014-09	L4 2.0L Optional	54,57,66,67, 69,70	48	680	2014-11	L4 2.0L	54,66	47	540
2014-12	L5 2.5L PR-J1L	54,57,66,67, 70	48	480	2014-07	L4 2.0L	54,57,66,67, 70	47	540	2014-11	L4 2.0L Optional	54,66	48	570
2014-12	L5 2.5L PR-J2D	54,57,66,67, 69,70	48	680	2014-07	L4 2.0L Optional	54,57,66,67, 70	48	640	2010-09	L4 2.0L	66	48	570
2014	L4 2.0L Diesel, PR-J0N	54,57,66,67, 70	47	540	2013-12	L4 2.0L Optional			480	2008-06	L4 2.0L	66	48	540
2014	L4 2.0L Diesel, PR-J1D	54,57,66,67, 70	48	640	2013-12	L4 2.0L Optional			680	<b>Jetta</b>				
2014	L4 2.0L Diesel, PR-J1L	54,57,66,67, 70	48	480	2008-07	V6 3.2L	54,57,66,67, 70	47	540	2014-13	L4 1.4L	54,66	47	540
2014	L4 2.0L Diesel, PR-J2D	54,57,66,67, 69,70	48	680	2008-07	V6 3.2L Optional	54,57,66,67, 70	48	640	2014-13	L4 1.4L Optional	54,66	48	570
<b>EuroVan</b>					<b>EuroVan</b>					<b>EuroVan</b>				
2003	V6 2.8L			680	2003	V6 2.8L	54	97R	575	2014-09	L4 2.0L Diesel	54,66	47	540

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<b>VOLKSWAGEN (Cont.)</b>					<b>VOLKSWAGEN (Cont.)</b>					<b>VOLKSWAGEN (Cont.)</b>				
<b>Jetta (Cont.)</b>					<b>Passat (Cont.)</b>					<b>Toureg (Cont.)</b>				
2014-05	L5 2.5L Optional	54,66	48	570	2014-12	L5 2.5L	54,66	47	540	2005-04	V8 4.2L			
2014	L4 1.8L	54,66	47	540	2014-12	L5 2.5L Optional	54,66	48	640	2004	V10 4.9L Diesel	54,66	49	850
2014	L4 1.8L Optional	54,66	48	570	2014-12	L5 2.5L Optional	54,66	49	760	2004	V10 4.9L Diesel, Auxiliary	54,66	95R	950
2009-08	L4 2.0L Gas, Optional	54,66	94R	640	2014-12	V6 3.6L	54,66	47	540	<b>VOLVO</b>				
2009-05	L5 2.5L Optional	54,66	94R	640	2014-12	V6 3.6L Optional	54,66	48	640	<b>850</b>				
2009	L4 2.0L Diesel, Optional	54,66	94R	640	2014-12	V6 3.6L Optional	54,66	49	760	1997-95	L5 2.3L		47	520
2007	L4 2.0L	54,66	47	540	2014	L4 1.8L	54,66	47	540	1997-95	L5 2.4L		47	520
2007	L4 2.0L Optional	54,66	48	570	2014	L4 1.8L Optional	54,66	49	760	<b>940</b>				
2007	L4 2.0L Optional	54,66	94R	640	2010-08	L4 2.0L	66	47	480	1995	L4 2.3L		47	520
2006-98	L4 1.9L Diesel, Optional	54,66	94R	640	2010-08	V6 3.6L	66	48	640	<b>960</b>				
2006-05	L4 1.9L Diesel, Optional	54,66	48	570	2010-06	L4 2.0L Optional	66	48	640	1997-95	L6 2.9L		48	600
2006	L4 1.9L Diesel	54,66	47	540	2007	L4 2.0L	47	480	<b>C30</b>					
2006	L4 2.0L Turbo	54,66	47	540	2007	V6 3.6L	48	640	2013-07	L5 2.5L	54	91	590	
2006	L4 2.0L Turbo, Optional	54,66	48	570	2006	L4 2.0L	66	47	480	2013-07	L5 2.5L Optional	54	94R	700
2006	L4 2.0L Turbo, Optional	54,66	48	570	2006	V6 3.6L	66	48	640	2010-07	L5 2.4L	54	91	590
2006	L4 2.0L Turbo, Optional	54,66	94R	640	2005-98	V6 2.8L	66	48	540	2010-07	L5 2.4L Optional	54	94R	700
2005-98	L4 2.0L Optional	54,66	94R	640	2005	L4 1.8L ex. 4 Motion	54	49	740	<b>C70</b>				
2005-04	L4 1.8L Turbo, Optional	54,66	94R	640	2005	L4 2.0L	66	94R	640	2013-06	L5 2.5L	54	91	590
2005	L4 1.8L Early	54,66	47	520	2004-03	W8 4.0L		94R	640	2013-06	L5 2.5L Optional	54	94R	700
2005	L4 1.8L Late	54,66	47	540	2004	L4 1.8L ex. 4 Motion		48	570	2004-03	L5 2.3L Turbo		48	600
2005	L4 1.8L Optional	54,66	48	570	2004	L4 1.8L ex. 4 Motion	54	48	570	2004-03	L5 2.4L	54	48	600
2005	L4 1.9L Diesel, Early	54,66	47	520	2002	W8 4.0L ex. 4 Motion	54	48	570	2002-01	L5 2.3L	54	48	600
2005	L4 1.9L Diesel, Late	54,66	47	540	2000-98	L4 1.8L	48	48	570	2002	L5 2.4L Turbo	54	48	600
2005	L4 2.0L Early	54,66	47	520	1997-95	V6 2.8L	42	460	650	2001	L5 2.4L	54	48	600
2005	L4 2.0L Late	54,66	47	540	1997	L4 1.9L Diesel		98R	650	2000-98	L5 2.3L		47	520
2005	L4 2.0L Optional	54,66	48	570	1996-95	L4 2.0L	42	460	650	2000-98	L5 2.4L		47	520
2005	L5 2.5L Early	54,66	47	520	1996-95	L4 2.0L Optional		41	650	<b>S40</b>				
2005	L5 2.5L Late	54,66	47	540	1996	L4 1.9L Diesel	6	41	650	2011-05	L5 2.5L w/Premium Stereo	54	94R	700
2004-98	L4 1.9L Diesel	54,66	47	520	1996	V6 2.8L Optional		42	650	2011	L5 2.5L w/o Premium Stereo	54	91	590
2004-98	L4 2.0L	54,66	47	520	1995	L4 1.9L Diesel		42	460	2010-05	L5 2.4L	54	91	590
2004-98	V6 2.8L	54,66	47	520	1995	V6 2.8L Optional		41	650	2010-05	L5 2.4L w/Premium Stereo	54	94R	700
2004-98	V6 2.8L Optional	54,66	94R	640	<b>Passat CC</b>					2010-05	L5 2.5L	54	91	590
2004	L4 1.8L Turbo	54,66	47	520	2010-09	L4 2.0L	54,66	47	480	2004	L4 1.9L Early		48	600
2003-00	L4 1.8L	54,66	47	520	2010-09	V6 3.6L	54,66	48	640	2004	L4 1.9L Late	54	91	590
2003-00	L4 1.8L Optional	54,66	94R	640	<b>Phaeton</b>					2004	L4 1.9L Late, w/Premium Stereo	54	94R	700
2002-98	L4 1.9L Diesel, Optional	54,66	48	570	2006-04	V8 4.2L	54	49	740	2004	L5 2.4L Early		48	600
2002-98	L4 2.0L Optional	54,66	48	570	2006-04	W12 6.0L	54	49	740	2004	L5 2.4L Late	54	91	590
2002-98	V6 2.8L Optional	54,66	48	570	<b>R32</b>					2004	L5 2.4L Late, w/Premium Stereo	54	94R	700
2002-00	L4 1.8L Optional	54,66	48	570	2008	V6 3.2L	66	94R	640	2004	L5 2.4L Late, w/Premium Stereo	54	94R	700
2001	L4 1.8L Optional, Cold Climate	54,66	49	760	<b>Rabbit</b>					2004	L5 2.5L Early		48	600
2001	L4 1.9L Diesel, Optional, Cold Climate	54,66	49	760	2009-06	L5 2.5L	66	48	540	2004	L5 2.5L Late	54	91	590
2001	V6 2.8L Optional, Cold Climate	54,66	49	760	<b>Routan</b>					2004	L5 2.5L Late, w/Premium Stereo	54	94R	700
1999-98	L4 1.9L Diesel, Optional	54,66	97R	575	2012	V6 3.6L		94R	730	2003-00	L4 1.9L		48	600
1999-98	L4 2.0L Optional	54,66	97R	575	2011	V6 3.6L		94R	700	<b>S60</b>				
1999-98	V6 2.8L Optional	54,66	97R	575	2010-09	V6 3.8L		34	600	2014-12	L5 2.5L w/o Premium Stereo	54	48	600
1997	L4 1.9L Diesel		98R	620	2010-09	V6 4.0L		34	600	2014-12	L5 2.5L w/Premium Stereo	54	92	700
1997	L4 2.0L		42	460	<b>Tiguan</b>					2014-11	L6 3.0L w/o Premium Stereo	54	48	600
1997	V6 2.8L		42	460	2014-09	L4 2.0L	54,66	47	540	2014-11	L6 3.0L w/Premium Stereo	54	92	700
1996-95	L4 2.0L		41	575	2014-09	L4 2.0L Optional	54,66	48	640	2009-03	L5 2.5L	54	48	600
1996-95	L4 2.0L Optional		41	650	<b>Toureg</b>					2009-03	L5 2.5L Optional	54	49	800
1996-95	V6 2.8L		41	575	2014-11	V6 3.0L Diesel	54,66	48	640	2009-01	L5 2.4L	54	48	600
1996	L4 1.9L Diesel	6	41	575	2014-11	V6 3.0L Diesel, Optional	54,66	94R	760	2009-01	L5 2.4L Optional	54	49	800
1995	L4 1.8L		41	575	2014-11	V6 3.0L Hybrid	54,66	48	640	2004-01	L5 2.3L Turbo	54	48	600
1995	L4 1.9L Diesel		41	650	2014-11	V6 3.0L Hybrid, Optional	54,66	94R	760	2004-01	L5 2.3L Turbo, Optional	54	49	800
1995	V6 2.8L Optional		41	650	2014-11	V6 3.0L Hybrid, Optional	54,66	95R	850	<b>S70</b>				
<b>Jetta City</b>					2014-11	V6 3.6L	54,66	48	640	2000	L5 2.3L		48	600
2009-07	L4 2.0L	54	47	540	2014-11	V6 3.6L Optional	54,66	94R	760	2000	L5 2.4L		48	600
2009-07	L4 2.0L Optional	54	48	570	2014-07	V6 3.6L Optional	54,66	95R	850	1999-98	L5 2.3L		47	520
2009-07	L4 2.0L Optional	54	94R	640	2010-09	V6 3.0L Diesel	54,66	95R	850	1999-98	L5 2.4L		47	520
<b>Passat</b>					2010-07	V6 3.6L	54,66	49	760	1999	L5 2.3L From Chassis #491304		48	600
2014-12	L4 2.0L Diesel	54,66	47	540	2009-08	V8 4.2L	54	93	790	1999	L5 2.4L From Chassis #491304		48	600
2014-12	L4 2.0L Diesel, Optional	54,66	48	640	2008	V10 5.0L Diesel	54	93	740	<b>S80</b>				
2014-12	L4 2.0L Diesel, Optional	54,66	49	760	2007-06	V8 4.2L	54	93	740	2014-08	L6 3.0L w/o Premium Stereo	54	48	600
					2007	V10 5.0L	54	93	740					
					2007	V8 4.2L	54,66	93	740					
					2006-05	V10 5.0L	54,66	49	850					
					2006-04	V6 3.2L	54	94R	640					