

# 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>ISUZU (Cont.)</b>					<b>JAGUAR (Cont.)</b>					<b>JEEP (Cont.)</b>				
<b>Rodeo (Cont.)</b>					<b>XJR (Cont.)</b>					<b>Grand Cherokee (Cont.)</b>				
2004	V6 3.5L		24	650	2003-98	V8 4.0L		49	680	2008	V8 5.7L Early	71	94R	730
2003-02	V6 3.2L Canada or Optional		27F	625	1997	L6 4.0L		49	680	2008	V8 5.7L Late	71	94R	625
2003-02	V6 3.2L U.S.		24F	600	1996-95	L6 4.0L		47	590	2008	V8 6.1L Early	71	94R	730
2003	L4 2.2L Canada or Optional		27F	625	<b>XJS</b>					2008	V8 6.1L Late	71	94R	625
2003	L4 2.2L U.S.		24F	600	1996-95	L6 4.0L		48	600	2007-06	V8 6.1L		94R	730
2002-98	L4 2.2L		24F	600	1995	V12 6.0L	6,54	47	590	2007-05	V6 3.7L		94R	730
2001	V6 3.2L Canada & Optional		27F	625	<b>XK</b>					2007-05	V8 4.7L		94R	730
2000-98	V6 3.2L		24F	600	2013-10	V8 5.0L	54	49	800	2007-05	V8 5.7L		94R	730
1997-95	L4 2.6L		86	430	2009-07	V8 4.2L	54	93	800	2007	V6 3.0L Diesel		94R	730
1997	V6 3.2L		24	600	<b>XK8</b>					2004-99	L6 4.0L		65	625
1996-95	V6 3.2L AT		24	600	2006-04	V8 4.2L	54	49	750	2004-99	V8 4.7L		65	625
1996-95	V6 3.2L MT		86	430	2003	V8 4.2L		49	680	1998-95	L6 4.0L		34	600
1996	L4 2.6L Optional		24	600	2002-97	V8 4.0L		49	680	1998	V8 5.2L		34	600
<b>Rodeo Sport</b>					<b>XKR</b>					<b>Liberty</b>				
2003	L4 2.2L Canada or Optional		27F	625	2013-10	V8 5.0L	54	49	800	2012-10	V6 3.7L		34	600
2003	L4 2.2L U.S.		24F	600	2009-07	V8 4.2L	54	93	800	2009-08	V6 3.7L	71	34	600
2003	V6 3.2L Canada or Optional		27F	625	2006-04	V8 4.2L	54	49	750	2007-03	V6 3.7L		34	600
2003	V6 3.2L U.S.		24F	600	2003	V8 4.2L		49	680	2006-05	L4 2.8L Diesel	45	N/A	800
2002-01	L4 2.2L		24F	600	2002-00	V8 4.0L		49	680	2005-03	L4 2.4L		34	600
2002-01	V6 3.2L		24F	600	<b>XKR-S</b>					2002	L4 2.4L		86	525
<b>Trooper</b>					<b>X-Type</b>					<b>Patriot</b>				
2002-01	V6 3.5L AT or Optional		27	625	2008-07	V6 3.0L		47	520	2014-10	L4 2.0L		86	525
2002-01	V6 3.5L MT		24	585	2006-04	V6 3.0L		94R	700	2014-10	L4 2.4L		86	525
2000-98	V6 3.5L AT		27	625	2005-04	V6 2.5L		94R	700	2009-08	L4 2.0L	71	86	525
2000-98	V6 3.5L MT		24	580	2003-02	V6 2.5L		92	720	2009-08	L4 2.4L	71	86	525
1997-95	V6 3.2L AT		27	625	2003-02	V6 3.0L		92	720	2007	L4 2.0L		86	525
1997-95	V6 3.2L MT		24	580	<b>JEEP</b>					2007	L4 2.4L		86	525
<b>VehiCROSS</b>					<b>Cherokee</b>					<b>TJ</b>				
2001-99	V6 3.5L Optional		27	625	2014	L4 2.4L	47,54	48	600	2006-05	L4 2.4L		34	600
2001	V6 3.5L		24	585	2014	V6 3.2L		94R	730	2006-02	L6 4.0L		34	600
2000-99	V6 3.5L		24	580	2001-98	L6 4.0L		34	500	2003	L4 2.4L		34	600
<b>JAGUAR</b>					<b>Cherokee</b>					<b>Wrangler</b>				
<b>S-Type</b>					<b>Commander</b>					<b>Wrangler</b>				
2008-07	V6 3.0L	54	49	950	2010	V6 3.7L		94R	625	2014	V6 3.6L	47,54	48	600
2008	V8 4.2L	54	49	850	2010	V8 5.7L		94R	625	2013-12	V6 3.6L		48	600
2007	V8 4.2L	54	49	950	2010	V8 5.7L		94R	625	2011-10	V6 3.8L	71	34	600
2006-03	V6 3.0L	54	49	750	2009	V6 3.7L	71	94R	730	2009-08	V6 3.8L		34	600
2006-03	V8 4.2L	54	49	750	2009	V8 4.7L	71	94R	730	2007	V6 3.8L		34	600
2002-00	V6 3.0L	54	49	680	2009	V8 5.7L	71	94R	730	2006-03	L4 2.4L		34	600
2002-00	V8 4.0L	54	49	680	2008	V6 3.7L Early	71	94R	730	2006-02	L6 4.0L		34	600
<b>Super V8</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	93	800	2008	V6 3.7L Late	71	94R	625	2014	V6 3.6L	47,54	48	600
2006-05	V8 4.2L		93	680	2008	V8 4.7L Early	71	94R	730	2013-12	V6 3.6L		48	600
<b>Vanden Plas</b>					<b>Grand Cherokee</b>					<b>Wrangler</b>				
2009	V8 4.2L	54	93	680	2010	V6 3.7L		94R	625	2011-10	V6 3.8L	71	34	600
2008-04	V8 4.2L		93	680	2010	V8 5.7L		94R	625	2009-08	V6 3.8L		34	600
2003-98	V8 4.0L		49	680	2008	V8 4.7L Late	71	94R	625	2007	V6 3.8L		34	600
1997	L6 4.0L		93	680	2008	V8 5.7L Early	71	94R	730	2006-03	L4 2.4L		34	600
1996-95	L6 4.0L	6,54	47	590	2008	V8 5.7L Late	71	94R	625	2006-02	L6 4.0L		34	600
<b>XF</b>					<b>Compass</b>					<b>Wrangler</b>				
2013-10	V8 5.0L	54	49	800	2007-06	V6 3.7L		94R	730	2002	L4 2.5L		34	600
2010-09	V8 4.2L	54	49	800	2007-06	V8 4.7L		94R	730	2001-97	L4 2.5L		34	500
<b>XFR</b>					<b>Compass</b>					<b>Wrangler</b>				
2013-10	V8 5.0L	54	49	800	2014-07	L4 2.0L		86	525	2001-97	L6 4.0L		34	500
<b>XJ</b>					<b>Compass</b>					<b>Wrangler</b>				
2013-11	V8 5.0L	54	49	800	2014-07	L4 2.4L		86	525	2000-97	L4 2.5L Optional		34	600
2013	V6 3.0L	54	49	800	<b>Grand Cherokee</b>					2000	L6 4.0L Optional		34	600
<b>XJ12</b>					<b>Grand Cherokee</b>					<b>Wrangler</b>				
1996-95	V12 6.0L	6,54	47	590	2014	V6 3.0L Diesel	47,54	49	800	1998-97	L6 4.0L Optional		34	600
<b>XJ6</b>					<b>Grand Cherokee</b>					<b>Wrangler</b>				
1997-95	L6 4.0L	6,54	47	590	2014	V6 3.6L	47,54	49	800	1995	L4 2.5L		58	430
<b>XJ8</b>					<b>Grand Cherokee</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2014	V8 5.7L	47,54	94R	730	1995	L4 2.5L Optional		58	500
2006-04	V8 4.2L	54	49	750	2014	V8 6.4L	47,54	94R	730	1995	L6 4.0L		58	430
2003-98	V8 4.0L		49	680	2013-12	V8 6.4L	47,54	94R	700	1995	L6 4.0L Optional		58	500
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2013-11	V6 3.6L	47,54	94R	700	1995	L6 4.0L Optional		58	500
2006-04	V8 4.2L	54	49	750	2013-11	V8 5.7L	47,54	94R	700	2007-06	V8 5.7L		94R	730
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2010	V6 3.7L		94R	625	2014	V6 3.6L	47,54	48	600
2006-04	V8 4.2L	54	49	750	2010	V8 5.7L		94R	625	2013-12	V6 3.6L		48	600
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2010	V8 5.7L		94R	625	2011-10	V6 3.8L	71	34	600
2006-04	V8 4.2L	54	49	750	2010	V8 6.1L		94R	625	2009-08	V6 3.8L		34	600
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2009-08	V6 3.0L Diesel	71	49	800	2007	V6 3.8L		34	600
2006-04	V8 4.2L	54	49	750	2009	V6 3.7L	71	94R	730	2006-03	L4 2.4L		34	600
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2009	V8 4.7L	71	94R	730	2006-02	L6 4.0L		34	600
2006-04	V8 4.2L	54	49	750	2009	V8 5.7L	71	94R	730	2002	L4 2.5L		34	600
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2009	V8 6.1L	71	94R	730	2001-97	L4 2.5L		34	500
2006-04	V8 4.2L	54	49	750	2008	V6 3.7L Early	71	94R	730	2001-97	L6 4.0L		34	500
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2008	V6 3.7L Late	71	94R	625	2000-97	L4 2.5L Optional		34	600
2006-04	V8 4.2L	54	49	750	2008	V8 4.7L Early	71	94R	730	2000	L6 4.0L Optional		34	600
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2008	V8 4.7L Late	71	94R	730	1998-97	L6 4.0L Optional		34	600
2006-04	V8 4.2L	54	49	750	2008	V8 4.7L Late	71	94R	625	1995	L4 2.5L		58	430
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2014-07	L4 2.0L		86	525	1995	L4 2.5L Optional		58	500
2006-04	V8 4.2L	54	49	750	2014-07	L4 2.4L		86	525	1995	L6 4.0L		58	430
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	2014-07	L4 2.4L		86	525	1995	L6 4.0L Optional		58	500
2006-04	V8 4.2L	54	49	750	<b>KIA</b>					<b>Wrangler</b>				
<b>XJR</b>					<b>Compass</b>					<b>Wrangler</b>				
2009-07	V8 4.2L	54	49	950	<b>Amanti</b>					<b>Wrangler</b>				
2006-04	V8 4.2L	54	49	750	2009-07	V6 3.8L								

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<b>KIA (Cont.)</b>					<b>LAMBORGHINI (Cont.)</b>					<b>LEXUS (Cont.)</b>				
<b>Forte5</b>					<b>Gallardo</b>					<b>GS400</b>				
2013-12	L4 2.0L		121R	550	2012-09	V10 5.2L	54	49	800	2000-98	V8 4.0L		24	585
2013-12	L4 2.4L		121R	550	2009-08	V10 5.0L	54	49	800	<b>GS430</b>				
<b>Magentis</b>					<b>Murcielago</b>					2007-01 V8 4.3L 24 585				
2010-02	V6 2.7L		124R	600	<b>Land Rover</b>					<b>GS450h</b>				
2010-01	L4 2.4L		124R	600	<b>Defender 90</b>					2014-13 V6 3.5L Hybrid 45,54,60,69 S65D26L 360				
2001	V6 2.5L		124R	600	1997 V8 4.0L 9 24 600					2011-07 V6 3.5L Hybrid 45,54,60,69 S65D26L 360				
<b>Optima</b>					<b>Discovery</b>					<b>GS460</b>				
2014-11	L4 2.0L		124R	600	2004 V8 4.6L 34 700					2011-08 V8 4.6L 24 585				
2014-11	L4 2.4L Hybrid	45,52	H6R	600	2003 V8 4.6L 9 24 590					<b>GX460</b>				
2014	L4 2.4L Gas	69	48	760	2002-99 V8 4.0L 9 24 600					2014-10 V8 4.6L 24F 585				
2013-11	L4 2.4L Gas		124R	600	1998-96 V8 4.0L 34 600					<b>GX470</b>				
2010-04	L4 2.4L		124R	600	1995 V8 3.9L 34 600					2009-03 V8 4.7L 27F 710				
2010-02	V6 2.7L		124R	600	<b>Freelander</b>					<b>HS250h</b>				
2003-01	L4 2.4L	6	47	600	2005-02 V6 2.5L 48 680					2012-10 L4 2.4L Hybrid 45,54,60,67,69 S55D23R 360				
2002-01	V6 2.5L	6	47	600	<b>LR2</b>					<b>IS F</b>				
<b>Rio</b>					<b>LR3</b>					2014-08 V8 5.0L 24 585				
2014-13	L4 1.6L w/ISG	69	48	760	2014-13 L4 2.0L 94R 720					2014-06 V6 2.5L 24 585				
2014-13	L4 1.6L w/o ISG		121R	550	2012-08 L6 3.2L 94R 720					2014-06 V6 3.5L 24 585				
2012	L4 1.6L		121R	550	<b>LR4</b>					<b>LFA</b>				
2011-03	L4 1.6L		35	500	2013-10 V6 3.0L 94R 720					2012 V10 4.8L 45,54,60,67,69 S75D31R 450				
2002-01	L4 1.5L		35	500	2010 V8 5.0L 94R 720					<b>LS400</b>				
<b>Rio5</b>					<b>Range Rover</b>					2000-95 V8 4.0L 24F 585				
2012	L4 1.6L		121R	550	2014-10 V8 5.0L 49 720					<b>LS430</b>				
2011-06	L4 1.6L		35	500	2014 V6 3.0L 49 720					2006-01 V8 4.3L 24F 585				
<b>Rondo</b>					2009-07 V8 4.2L 49 800					2014-07 V8 4.6L 24 585				
2014	L4 2.0L		124R	600	2009-07 V8 4.4L 49 800					<b>LS600h</b>				
2012-07	L4 2.4L		124R	600	2006-03 V8 4.4L 95R 850					2014-08 V8 5.0L Hybrid 45,54,60,69 S75D31L 450				
2012-07	V6 2.7L		124R	600	2006 V8 4.2L 95R 850					<b>LX450</b>				
<b>Sedona</b>					2002-99 V8 4.6L 30H 900					1997-96 L6 4.5L 27F 625				
2014	V6 3.5L		124R	660	2000-99 V8 4.0L 30H 900					<b>LX470</b>				
2012-11	V6 3.5L		124R	660	1998-96 V8 4.6L 31A 660					2007-03 V8 4.7L 27F 710				
2010-06	V6 3.8L		124R	600	1998-95 V8 4.0L 30H 825					2002 V8 4.7L 27F 585				
2005-03	V6 3.5L		24F	500	1995 V8 3.9L 30H 825					2001-98 V8 4.7L 27F 650				
2002	V6 3.5L		24F	600	1995 V8 4.2L 9 24 600					<b>LX570</b>				
<b>Sephia</b>					<b>Range Rover Evoque</b>					2014-13 V8 5.7L 27F 710				
2001-95	L4 1.8L	22	90	450	2014 L4 2.0L 47,54,66 94R 800					2011-08 V8 5.7L 27F 710				
1997-95	L4 1.6L	23	56	450	2013-12 L4 2.0L 54,66 94R 770					<b>RX300</b>				
<b>Sorento</b>					<b>Range Rover Sport</b>					2003-99 V6 3.0L 24F 585				
2014-11	L4 2.4L		124R	700	2014-10 V8 5.0L 94R 720					<b>RX330</b>				
2014	V6 3.3L		124R	660	2014 V6 3.0L 94R 720					2006-04 V6 3.3L 24F 585				
2013-11	V6 3.5L		124R	700	2009-06 V8 4.2L 49 720					2014-10 V6 3.5L 67 24F 585				
2009-08	V6 3.3L		124	600	2009-06 V8 4.4L 49 720					2009-07 V6 3.5L 24F 585				
2009-07	V6 3.8L		124	600	<b>LEXUS</b>					<b>RX400h</b>				
2006-03	V6 3.5L		124	600	<b>CT200h</b>					2008-06 V6 3.3L Hybrid 51R 435				
<b>Soul</b>					<b>ES300</b>					<b>RX450h</b>				
2014-13	L4 1.6L w/ISG	69	48	760	2014-11 L4 1.8L Hybrid 45,54,67,69 S46B24R 325					2014-10 V6 3.5L 24F 585				
2014-13	L4 1.6L w/o ISG		121R	550	<b>ES300h</b>					2014-10 V6 3.5L Hybrid 45,54,60,67,69 S55D23L 360				
2014-13	L4 2.0L w/ISG	69	48	760	2003-99 V6 3.0L 35 360					<b>SC300</b>				
2014-13	L4 2.0L w/o ISG		121R	550	2003-95 V6 3.0L Optional 24F 585					2000-97 L6 3.0L 24F 585				
2012-10	L4 1.6L		121R	550	1997-95 V6 3.0L 35 360					1996-95 L6 3.0L 27F 450				
2012-10	L4 2.0L		121R	550	<b>ES330</b>					<b>SC400</b>				
<b>Spectra</b>					2014-13 L4 2.5L Hybrid 45,54,60,69 S65D26R 450					2000-95 V8 4.0L 27F 625				
2009-04	L4 2.0L	6	121R	540	2006-04 V6 3.3L 24F 585					<b>SC430</b>				
2004	L4 1.8L	6	121R	540	2014-07 V6 3.5L 24F 585					2010-03 V8 4.3L 48 585				
2003-00	L4 1.8L	6	90	450	<b>GS300</b>					2002 V8 4.3L 48 625				
<b>Spectra5</b>					<b>Aventador</b>					<b>LINCOLN</b>				
2009-05	L4 2.0L	6	121R	540	2012 V12 6.5L 54 49 800					<b>Aviator</b>				
<b>Sportage</b>					<b>Diablo</b>					2005-03 V8 4.6L 65 650				
2014-11	L4 2.4L		124R	600	2001-00 V12 6.0L 54 34R 700					<b>Blackwood</b>				
2014-05	L4 2.0L		124R	600	2000-95 V12 5.7L 54 34R 700					2002 V8 5.4L 65 650				
2010-05	V6 2.7L		124R	600										
2002	L4 2.0L	29,45	N/A	600										
2001-00	L4 2.0L From 5/16/00	7	86	540										
2000	L4 2.0L To 5/16/00	7	58	470										
1999-95	L4 2.0L	7	58	470										