

# VEHICLE SPEC SHEET. TOURING CAR CLASS AND SPORTSMAN

The following are eligible for TC and SP. For these cars to run in SP, special permission is required.

<u>Model</u>	<u>Years</u>	<u>Engine</u>	<u>Wheelbase. cm</u>	<u>Comments</u>
Acura RSX	2002-2008	K20A	257.0	Trans ratios US: 1st 3.266, 2nd 2.130, 3rd 1.517, 4th 1.147, 5th .921, 6th .738. JDM: 1st 3.266, 2nd 2.130, 3rd 1.517, 4th 1.212, 5th .972, 6th .780. Final drive: US 4.388, JDM 4.764. The transmission/final drive must match the engine type (i.e. JDM and US)
Acura TSX	2004-2005	K24	266.0	Trans ratios: 1st 3.267, 2nd 1.880, 3rd 1.355, 4th 1.028, 5th .825, 6th .659. Final drive: 4.760. Alternate transmission is K20 6 speed with ratios: 1st 3.266, 2nd 2.13, 3rd 1.517, 4th 1.147, 5th 0.921, 6th .738. Final drive 4.389 or 4.764. Alternate transmission carries 50 pounds weight penalty.
Acura ILX	2013	K24Z7	267.0	Trans ratios: 1st 3.267. 2nd 2.040, 3rd 1.429. 4th 1.073. 5th 0.830. 6th 0.647. Final Drive Ratio 4.765.
BMW 325i E46	1999-2005	M54B25	272.5	Trans ratios: 1st 4.210, 2nd 2.490, 3rd 1.660, 4th 1.240, 5th 1.000. Final drive 3.73 or 3.91
BMW 328i E46	2003-2004		272.5	Trans ratios: 1st 4.23, 2nd 2.50, 3rd 1.66, 4th 1.23, 5th 1.00, 6th .85. Final drive 2.93 or 3.90. SMG not permitted.
BMW 330i E46	2001-2006	3.0 L M54	272.5	Must comply with all SE46 rules except for required spec tires. 9 inch wide wheels allowed. 255/40-17 tires allowed. Trans ratios: 1st 4.23, 2nd 2.50, 3rd 1.66, 4th 1.23, 5th 1.00, 6th .85. Final drive 2.93 or 3.46 SMG not permitted. Min. weight is calculated using USTCC calculation.
BMW M3 E46	2001-2006	3.2 L S54	272.5	Trans ratios: 1st 4.23, 2nd 2.53, 3rd 1.67, 4th 1.23, 5th 1.00, 6th .85. Final drive 3.62. SMG allowed with 75 pound penalty. 3.91 ratio allowed with 150 pound penalty. <b>Minimum HP declared number is 280bhp.</b>
BMW E90	2006-2011	3.2 L S54	276.1	Trans ratios: 1st 4.23, 2nd 2.53, 3rd 1.67, 4th 1.23, 5th 1.00, 6th .85. Final drive 3.62. SMG not permitted. 3.91 ratio allowed with 150 pound penalty. <b>Minimum HP declared number is 280bhp.</b>
Chevrolet Cobalt SS	2005-2007		262.4	Final drive: 4.45. Allowed: modify rear sway bar mount for adjustment, relocate lower rear shock mount 1/2 inch forward for wheel clearance, #CCS609 hood, #CCS610 deck lid, #CCS611 spoiler, #CCS608 fascia, front knuckle conversion #CCC606, Spherical end for lower control arm included in kit. Maximum RPM 6700. Must use OEM ECU. Maximum boost 15 psi.
Dodge SRT-4	2003-2005	A855	266.7	Trans ratios: 1st 3.65, 2nd 2.05, 3rd 1.37, 4th .97, 5th .76. Final drive 3.53. 3R Racing suspension kit permitted. Mitsubishi TD04 turbocharger. May use ABS with Chrysler 300C calipers and 11.5" x 1.125" rotors.
Fiat 500 Abarth	2012-2014	Multiair	230.0	Trans ratio. 1st 3.909, 2nd 2.238, 3rd 1.520, 4th 1.156, 5th 0.872. C510 transmission code. Diff ratio 3.353:1.
Ford Mustang GT	2005-2009	4.6 V8	272.0	Must comply with all existing Spec Mustang (SMG). USTCC spec tire and size rules are mandated. 5 speed manual transmission ratio: 1st. 3.34, 2nd. 2.00, 3rd. 1.32, 4th. 1.00, 5th 0.68. Diff ratio 3.73. Track (outside to outside of tire) front 73.875 inches. Rear track 74.375 inches.
Honda Accord	1998-2002	H22A (JDM)	267.0 2 dr, 271.5 4 dr	Trans ratios: 1st 3.307, 2nd 1.950, 3rd 1.360, 4th 1.071, 5th .870 or 1st 3.285, 2nd 1.950, 3rd 1.344, 4th 1.034, 5th .812. Final drive 4.266
Honda Civic	2006-2011	K20Z3	265.0	Trans ratios: 1st 3.267, 2nd 2.130, 3rd 1.517, 4th 1.147, 5th .921, 6th .659. Final drive 4.765.

Honda Civic	2012-2013	K24Z7	262.0	Trans ratios: 1st 3.267, 2nd 2.040, 3rd 1.429, 4th 1.073, 5th 0.830, 6th 0.647. Final Drive Ratio 4.765.
Honda Fit	2007-2013	1.5 liter	245.0	Trans ratios: 1st 3.308, 2nd 1.87, 3rd 1.303, 4th 0.949, 5th 0.727. Final Drive Ratio 4.625.
Honda S2000	2000-2009	F20C, F22C1	240.0	Trans ratios. 1st 3.133, 2nd 2.045, 3rd 1.481, 4th 1.161, 5th .97, 6th .81. Final drive 4.10. Must add 150 pounds additional.
Hyundai Genesis Coupe	2010-2012	3.8 V6	282.0	Transmission 6 speed manual 1st. 3.85, 2nd. 2.32, 3rd. 1.62, 4th. 1.23, 5th. 1.00, 6th. 0.79. Final drive 3.54 or 3.91.
Lexus IS300	2001-2005	3.0 L I-6 2JZ-GE	266.9	Transmission 5 speed manual. 1st. 3.566, 2nd. 2.056, 3rd. 1.384, 4th. 1.00, 5th. 0.85. Final Drive ratio 3.727 or 3.909.
Mazdaspeed 3	2007-2009	2.3L Turbo L4	264.0	Transmissiion ratios: 1st. 3.54, 2nd. 2.24, 3rd. 1.54, 4th 1.17, 5th. 1.09, 6th .85.
Mazda 6	2013-	2.2 L Turbo Diesel	283.0	Transmissiion ratios: 1st. 3.357, 2nd. 1.826, 3rd. 1.565, 4th 1.147, 5th. 0.893, 6th 0.745. Final Drive ratio 4.105 (1st & 2nd gears)/3.120 (3-6th gear)
Mazda RX8	2004-2008		270.3	Trans ratios: 1st 3.76, 2nd 2.269, 3rd 1.645, 4th 1.187, 5th 1.000, 6th .843. Final drive: 4.444. The transmission/final drive must match the engine type (i.e. JDM and US). Alternate final drive ratio 5.12.
Mazda MX5	2006-2015	MZR2.5	233.0	Trans ratios: 1st 3.815, 2nd 2.26, 3rd 1.64, 4th 1.177, 5th 1.00, 6th 0.832. Final drive 4.10. Trans code P66M-D
Mini Cooper S	2002-2006	W11B16A	246.6	Eaton Model 45 supercharger. Can run different size pulley. 225/45-15 tires allowed.
Mitsubishi Lancer Evolution	2003-2004	4G63	262.4	Trans ratio: 1st 2.93, 2nd 1.95, 3rd 1.41, 4th 1.03, 5th .72. Final drive 4.53. Stock center differential.
Mitsubishi Lancer Ralliart	2008-2012	4B11	263.5	Turbocharger PN 1000A864 allowed. No yaw control allowed on AWD. Evo X 5 speed manual allowed. Trans ratios: 1st 2.857, 2nd 1.950, 3rd 1.444, 4th 1.096, 5th .761.
Nissan 350Z	2003-2006	VQ35DE	264.9	6 speed manual transmission. 1st. 3.79, 2nd. 2.32, 3rd. 1.62, 4th. 1.27, 5th. 1.00, 6th. 0.79. Final drive 3.54:1.
Nissan 350Z	2007-2008	VQ35HR	264.9	6 speed manual transmission. 1st. 3.79, 2nd. 2.32, 3rd. 1.62, 4th. 1.27, 5th. 1.00, 6th. 0.79. Final drive 3.54:1.
Scion FR-S	2012-	FA20	257.0	6 speed manual transmission. 1st. 3.626, 2nd 2.188, 3rd 1.541, 4th 1.213, 5th 1.000, 6th .767. Axle ratio. 4.10.
Subaru Impreza WRX	2002-2005	EJ205	252.5	Trans ratios: 1st 3.454, 2nd 1.947, 3rd 1.366, 4th .972, 5th .738. Final drive 3.90. Front control arms 20202FE300, 20202FE310 permitted. Subaru IHI Turbo part # 114412AA360.
Subaru Legacy	2005-2008	2.5 L	267.0	Final drive: 4.11. 1st 3.166, 2nd 1.882, 3rd 1.296, 4th .972, 5th .738. Viscous limited slip rear differential.
Toyota Celica GTS	2000-2005	1.8	260.0	Magnuson MP62 supercharger, Magnuson intercooler allowed.
Volvo C30	2008-2012	B5254T7	263.9	Trans ratios: 1st 3.39, 2nd 1.91, 3rd 1.27, 4th .95, 5th .78, 6th .65. Final drive: 3.77. Alternate rear upper control arms permitted for camber adjustment. Arms may be purchased from Viva (p/n: vp-057012) or Elevate (p/n: C30 adj. rear camber arms). Cost is \$299 per set. OE power steering pump may be relocated to passenger foot well to protect it from frontal impact. May use front uprights, hubs and bearings from 2011 Mazda 3. May place air filter in area behind left driving lightgrille.
VW Golf/GTI	1999-2004	VR6	251.2	Trans ratios: 1st 3.30, 2nd 1.90, 3rd: 1.32, 4th 1.03, 5th .84. Final drive 3.36-3.90.
VW GTI	1999-2004	1.8T	251.2	Trans ratios: 1st 3.417, 2nd 2.105, 3rd 1.481, 4th 1.152, 5th 1.167, 6th .970. Final Drive: 3.875.

<b>VEHICLE SPEC SHEET. ELIGIBLE CARS SPORTSMAN</b>				
The following cars are only eligible for Sportsman class.				
<u>Model</u>	<u>Years</u>	<u>Engine</u>	<u>Wheelbase, cm</u>	<u>Comments</u>
Acura Integra	1994-2001	B18C	257.0	Alternate transmission ratios: 1st 3.230, 2nd 2.105 or 1.900, 3rd 1.458 or 1.360 or 1.269, 4th 1.107 or 1.034 or .966, 5th .848 or .784 or .714. Final Drive 4.40 or 4.70. Trans codes: Y21, S21, Y80, S80. Aftermarket upper front control arms can be used to facilitate camber adjustment.
Acura Integra	1994-2001	B20	257.0	Alternate transmission ratios: 1st 3.230, 2nd 2.105 or 1.900, 3rd 1.458 or 1.360 or 1.269, 4th 1.107 or 1.034 or .966, 5th .848 or .784 or .714. Final Drive 4.40 or 4.70. Trans codes: Y21, S21, Y80, S80. Aftermarket upper front control arms can be used to facilitate camber adjustment.
Acura Integra	1994-2001	K20A	257.0	Trans ratios US: 1st 3.266, 2nd 2.130, 3rd 1.517, 4th 1.147, 5th .921, 6th .738. JDM: 1st 3.266, 2nd 2.130, 3rd 1.517, 4th 1.212, 5th .972, 6th .780. Final drive: US 4.388, JDM 4.764. The transmission/final drive must match the engine type (i.e. JDM and US)
Acura Integra	1994-2001	K24	257.0	Trans ratios: 1st 3.267, 2nd 1.880, 3rd 1.355, 4th 1.028, 5th .825, 6th .659. Final drive: 4.760. Alternate transmission is K20 6 speed with ratios: 1st 3.266, 2nd 2.13, 3rd 1.517, 4th 1.147, 5th 0.921, 6th .738. Final drive 4.389 or 4.764. Alternate transmission carries 50 pounds weight penalty.
Acura Integra	1994-2001	H23A 2.3L	257.0	M2F4 Trans ratios: 1st 3.307, 2nd 1.95, 3rd 1.36, 4th 1.07, 5th .87. Final drive: 4.260.
Audi A4	1996-2001	AEB 1.8T	261.6	KKK K03 is stock. K04 turbo allowed. Trans ratios: 1st 3.778, 2nd 2.176, 3rd 1.429, 4th 1.029, 5th .838. Final drive: 3.889 or 4.11.
BMW 318ti E36	1995-1998	2.8 L M52B28	270.0	Trans ratios: 1st 4.210, 2nd 2.490, 3rd 1.660, 4th 1.240, 5th 1.000. Final drive 3.73 or 3.90. Rear sub frame can be raised 15 mm maximum vertically. Rear springs can be relocated to use coil over shock setup.
BMW 325i E36	1992-1999	M50B25	270.0	Trans ratios: 1st 4.210, 2nd 2.490, 3rd 1.660, 4th 1.240, 5th 1.000. Final drive 3.73 or 3.90. Ti models can raise rear subframe a maximum of 15mm vertically and may convert separate rear spring and shock setup to a true coilover setup.
BMW 328i E36	1994-1999	2.8 L M52B28	270.0	Trans ratios: 1st 4.210, 2nd 2.490, 3rd 1.660, 4th 1.240, 5th 1.000. Final drive 3.73 or 3.90. Ti models can raise rear subframe a maximum of 15mm vertically and may convert separate rear spring and shock setup to a true coilover setup.
BMW M3 E36	1995-1999	S52B32 3.2L	270.0	Trans ratios: 1st 4.210, 2nd 2.490, 3rd 1.660, 4th 1.240, 5th 1.000. Final drive 3.23 or 3.73.
Honda Accord	1998-2002	H22A (JDM)	267.0 2 dr, 271.5 4 dr	Trans ratios: 1st 3.307, 2nd 1.950, 3rd 1.360, 4th 1.071, 5th .870 or 1st 3.285, 2nd 1.950, 3rd 1.344, 4th 1.034, 5th .812. Final drive 4.266
Honda Civic	1996-2000	B18C5	262.1	Alternate transmission ratios: 1st 3.230, 2nd 2.105 or 1.900, 3rd 1.458 or 1.360 or 1.269, 4th 1.107 or 1.034 or .966, 5th .848 or .784 or .714. Final Drive 4.40 or 4.71 Trans codes: Y21, S21, Y80, S80. Aftermarket upper front control arms can be used to facilitate camber adjustment.
Honda Civic	1996-2000	K24	262.1	Trans ratios: 1st 3.267, 2nd 1.880, 3rd 1.355, 4th 1.028, 5th .825, 6th .659. Final drive: 4.760. Alternate transmission is K20 6 speed with ratios: 1st 3.266, 2nd 2.13, 3rd 1.517, 4th 1.147, 5th 0.921, 6th .738. Final drive 4.389 or 4.764. Alternate transmission carries 50 pounds weight penalty.

Honda Civic	1996-2000	K20A	262.1	Trans ratios US: 1st 3.266, 2nd 2.130, 3rd 1.517, 4th 1.147, 5th .921, 6th .738. JDM: 1st 3.266, 2nd 2.130, 3rd 1.517, 4th 1.212, 5th .972, 6th .780. Final drive: US 4.388, JDM 4.764. The transmission/final drive must match the engine type (i.e. JDM and US)
Honda Del Sol	1992-1997	B18C5	236.9	Alternate transmission ratios: 1st 3.230, 2nd 2.105 or 1.900, 3rd 1.458 or 1.360 or 1.269, 4th 1.107 or 1.034 or .966, 5th .848 or .784 or .714. Final Drive 4.40 or 4.71 Trans codes: Y21, S21, Y80, S80. Aftermarket upper front control arms can be used to facilitate camber adjustment.
Honda Prelude	1992-1996	H22A (JDM)	255.0	Trans ratios: 1st 3.307, 2nd 1.950, 3rd 1.360, 4th 1.071, 5th .870 or 1st 3.285, 2nd 1.950, 3rd 1.344, 4th 1.034, 5th .812. Final drive 4.266
Honda Prelude	1992-1996	K24 2.4L	255.0	Trans ratios: 1st 3.267, 2nd 1.880, 3rd 1.355, 4th 1.028, 5th .825, 6th .659. Final drive: 4.760. Alternate transmission is K20 6 speed with ratios: 1st 3.266, 2nd 2.13, 3rd 1.517, 4th 1.147, 5th 0.921, 6th .738. Final drive 4.389 or 4.764. Alternate transmission carries 50 pounds weight penalty.
Honda Prelude	1997-2001	H22A (JDM)	258.6	Trans ratios: 1st 3.307, 2nd 1.950, 3rd 1.360, 4th 1.071, 5th .870 or 1st 3.285, 2nd 1.950, 3rd 1.344, 4th 1.034, 5th .812. Final drive 4.266

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## VEHICLE SPEC SHEET. SUPER TOURING CLASS

The following are eligible for Super Touring class. If you don't see your car, ask for homologation.

<b>Model</b>	<b>Years</b>	<b>Engine</b>	<b>Wheelbase, cm</b>	
BMW E90	2006-2011	3.2 L S54	276.1	
BMW M3 E36	1995-1999	S52B32 3.2L	270.0	
BMW M3 E46	2001-2006	3.2 L S54	272.5	
Mazdaspeed 3	2007-2009	2.3L Turbo L4	264.0	
Mitsubishi Lancer Evolution	2003-2004	4G63	262.4	
Porsche 911	1998-present	3.6L	235.2	