


BMW Performance Tunes Data


BMW performance tunes data by vehicle series and model	Standard power (BHP)	Estimated power gain (BHP)	Standard torque (Nm)	Estimated torque gain (Nm)
E81/82/87/88 1 SERIES (2004+)				
116d Turbo from 09/2009 (DDE7)*	113	30	260	70
118d Turbo 2004 – 2007 (DDE6)	120	35	280	75
118d Turbo from 2007 (DDE7)*	140	40	300	80
120d Turbo 2004 – 2007 (DDE6)	163	35	340	70
120d Turbo from 2007 (DDE7)*	175	40	350	100
123d Turbo*	205	50	400	90
118i from 03/2007 (MSD80.2) †	143	10	190	20
120i from 03/2007 (MSD80.2) †	170	10	200	20
130i from 03/2007 (MSV80/81) †	265	15	300	30
135i Twin Turbo from 09/2007 (MSD80/81) †	306	40	400	80
E36 3 SERIES (1991 – 1998) Z3 (1996 – 2002)				
323i N/A 1996 – 1998	170	10	245	20
328i N/A 9/1995 – 1998	193	10	280	20
M3 N/A 1995 – 1995	286	15	320	30
M3 EVO / Z3 M (S50) 1996 – 2000	321	15	350	30
Z3 M (S54) 02/2001 – 08/2002	325	15	350	30
E46 3 SERIES (1999 – 2005)				
318d Turbo 2004 – 2005	115	35	280	77
320d Turbo 1999 – 2005	136	30	280	50
320d Turbo 2001 – 2005	149	21	295	58
330d Turbo 2000 – 2002 (M57 DDE4)	184	30	390	90
330d Turbo 2003 – 2005 (M57N DDE506)	208	37	445	73
320i N/A 2000 – 2005	170	10	210	20
323i N/A 1998 – 2000	170	10	245	20
328i N/A 1998 – 2000	193	15	280	21
330i N/A 2000 – 2005	231	15	300	39
M3 N/A 2001 – 2005 rpm raised to 8400 rpm	343	10	342	33
M3 CSL N/A 2003 – 2005 rpm raised to 8400 rpm	360	10	370	20
E90/91/92/93 3 SERIES (2006+)				
316d Turbo	113	30	260	70
318d Turbo 2005 – 2007 (DDE6)	120	35	280	75
318d Turbo from 2007 (DDE7)*	140	40	300	80
320d Turbo 2004 – 2007 (DDE6)	163	35	340	70
320d Turbo from 2007 (DDE7)*	175	40	350	100
325d Turbo > 2007	194	35	400	80


BMW performance tunes data by vehicle series and model	Standard power (BHP)	Estimated power gain (BHP)	Standard torque (Nm)	Estimated torque gain (Nm)
E90/91/92/93 3 SERIES (2006+) cont.				
330d Turbo > 2005	231	35	500	80
335d Twin Turbo > 2006	283	48	507	90
318i from 09/2007 (MSD80.2) †	143	10	190	20
320i from 09/2007 (MSD80.2) †	170	10	200	20
325i from 09/2009 (MSV80/81) †	218	15	250	30
325i from 03/2007 (MSD80/81) †	218	15	250	30
330i from 03/2007 (MSV80/81) †	272	15	300	30
335i Twin Turbo from 09/2007 (MSD80/81) †	306	40	400	80
E39 5 SERIES (1997 – 2003)				
525d Turbo 2000 – 2003	163	35	350	90
525tds Turbo 1996 – 1998	143	30	280	70
530d Turbo 1998 – 2000	184	25	390	90
530d Turbo 2000 – 2003	193	25	410	90
520i N/A 1996 – 2000	150	10	190	20
520i N/A 2000 – 2003	170	10	210	20
523i N/A 1996 – 2000	170	10	245	20
525i N/A 2000 – 2003	192	10	245	20
528i N/A 1996 – 2000	193	15	280	20
530i N/A 2000 – 2003	231	15	300	40
535i N/A 1996 – 2000	245	15	320	30
535i N/A 2000 – 2003	245	15	345	45
540i N/A 1996 – 2003	286	15	440	30
M5 N/A 1999 – 2003	400	15	500	35
E60/61 5 SERIES (2004+)				
520d Turbo 2004 - 2007 (DDE6)	163	35	340	70
520d Turbo from 2007 (DDE7)*	175	40	350	100
525d Turbo > 2004	174	30	400	60
530d Turbo > 2003	216	33	501	73
530d Turbo > 2005	231	45	500	75
535d Twin Turbo > 2006	283	48	507	89
520i from 09/2007 (MSD80.2) †	170	10	200	20
523i from 09/2007 (MSD80.2) †	190	15	230	30
525i from 03/2007 (MSD80/81) †	218	15	250	30
530i from 03/2007 (MSV80/81) †	272	15	300	30
535i Twin Turbo from 09/2007 (MSD80/81) †	306	40	400	80
M5†	508	20	520	25


BMW performance tunes data by vehicle series and model	Standard power (BHP)	Estimated power gain (BHP)	Standard torque (Nm)	Estimated torque gain (Nm)
E63/64 6 SERIES (2004+)				
635d Twin Turbo > 2006	283	48	507	89
M6 †	508	20	520	25
E38 7 SERIES (1995 – 2002)				
728i N/A 1996 – 2002	193	15	280	20
735i N/A 1996 – 2000	235	15	345	30
735i N/A 2000 – 2002	238	15	345	45
740i N/A 1996 – 2002	286	15	420	30
E65/66/67/68 7 SERIES (2002 – 2008)				
730d Turbo > 2003	218	35	500	60
730d Turbo > 2005	231	45	500	90
E31 8 SERIES (1989 – 1999)				
840i N/A 1996 – 2000	286	14	420	30
E83 X3 (2004+)				
X3 2.0d Turbo 2003 – 2007 (DDE6)	150	35	330	60
X3 2.0d Turbo from 2007 (DDE7)*	175	40	350	100
X3 3.0d Turbo > 2004	218	35	500	60
X3 3.0sd Twin Turbo > 2007	283	48	507	89
E53 X5 (2000 – 2006)				
X5 3.0d Turbo 2000 – 2004	184	30	390	90
X5 3.0d Turbo 2004 – 2007	218	35	500	90
X5 3.0i 2001 – 2007	231	15	300	40
X5 4.4i 2000 – 2004	286	15	440	30
X5 4.4i 2004 – 2007	320	15	440	30
X5 4.6i 2001 – 2003	347	15	480	30
X5 4.8i 2004 – 2007	360	15	500	30
E70/71 X5/X6 (2007+)				
3.0D Turbo > 2007 (DDE6)	235	35	520	80
3.0sd Twin Turbo > 2007*	283	48	507	89
3.0i from 01/2008 (MSD81) †	272	15	300	30
35i Twin Turbo †	306	40	400	80
Z8 (1999 – 2003)				
Z8	420	15	500	35


BMW performance tunes data by vehicle series and model	Standard power (BHP)	Estimated power gain (BHP)	Standard torque (Nm)	Estimated torque gain (Nm)
R50 MINI (2001 – 2007)				
Mini One 1.4d Turbo 2003 – 2006	75	20	180	40
Mini One 1.4d Turbo 2005 – 2006	88	20	190	40
Mini One 1.6i 2001 – 2006	98	30	140	18
Mini Cooper 1.6i 2001 – 2006	118	10	150	15
Mini Cooper S 1.6i Supercharged 2002 – 2006 ‡	163	20	210	40
R56 MINI (2008+)				
Mini Cooper S (N14)	172	20	240	30

 NOTE: All power and torque gain data given above are estimates based on the results of dyno testing a selection of vehicles. Engine wear, condition, fuel and atmospheric conditions all govern engine performance, so it is impossible to guarantee a specific power gain. Nevertheless, the above data gives a reasonable indication of what you can expect.

 NOTE: * EU5 vehicles with EDC17 control units will probably have tuning protection. You can identify EU5 vehicles by the number of pins on the EGR valve. 5 pin is EU5 and 3 pin is EU3 and EU4. EU3 and EU4 do not have tuning protection.

 NOTE: † Some firmware levels are not supported. Contact Autologic Diagnostics with the vehicle's performance tune details for more information. Tune details are available in the BMW – CIP menu.

 NOTE: ‡ 15% reduced size pulley required.

 NOTE: All data is correct as of 21 November 2012.