

Lug Nut Torque Guide

NAME	MODEL	DESCRIPTION	YEARS	TORQUE Ft. Lbs.
AMERICAN/IMPORTED CARS				
Acura				
	All Models Except:		2006-90	80
	RL		2010-05	94
	TL		2010-09	94
Audi				
	All Models		1997-90	81
	All Models Except:		2010-98	89
	Cabriolet		1998-94	81
	5000 Series		1988	81
BMW				
	All Models Except:		2010-80	88
	650i		2010-06	103
	745Li, i		2005-02	103
	750Li, i		2010-06	103
	750 Series		2001-88	88
	760 Li, i		2008-03	103
	M6		2010-06	103
	L, M, Z, Series		2003-86	88
Buick				
	All Models		2010-90	100
Cadillac				
	All Models Except:		2010-90	100
	Allante		1989-87	100
	Catera		2001-97	80
	DeVille	H.D. Special	1999-97	140
	CTS		2010-08	140
Chevrolet				
	All Models Except:		2010-90	100
	Aveo		2006-04	88
	Camaro		2010	140
	Camaro		1989	100
	Cavalier, Celebrity		1989-82	100
	Corvette		1989-84	100
	Epica		2006-04	79
	Geo Metro, Metro		2001-90	45
	Geo Prizm, Prizm		2002-90	76

Lug Nut Torque Guide

	Metro		1990-89	43
	Geo Storm		1993-90	86
	Optra		2006-04	66-84
Chrysler				
	All Models Except:		2010-90	85-115
	Crossfire		2008-04	81
	Sebring, All Except:		2010-95	85-115
	LX, LXi Coupe		2003-01	65-80
	LX, LXi Hardtop		2000-99	65-80
	Prowler		2002-01	100
	Cirrus		1999	100
	Cirrus		1998-95	95
	Chrysler TC		1991-90	95
	Imperial		1993-90	95
	LHS		1997-94	95
	Concorde		1998-93	95
	Fifth Avenue		1989-83	85
	LeBaron, Town & Country		1995-84	95
	LeBaron, Town & Country		1983-82	80
	New Yorker		1996-83	95
	New Yorker		1982-76	85
DAEWOO				
	Lanos, Nubira		2002-98	88
	Leganza		2002-98	81
Dodge				
	Avenger		1998-95	85-100
	Avenger		2000-99	65-80
	Avenger		2010-08	85-115
	Charger, Challenger		2010-06	85-115
	Colt, All Except:		1994-90	65-80
	Colt Vista Wagon		1991-90	50-57
	w, aluminum wheels		1991-90	65-80
	Daytona, Dynasty		1993-84	95
	Intrepid		1998-93	95
	Intrepid		2004-99	85-115
	Magnum		2008-05	85-115
	Monaco, All Except:		1992-90	54-72
	w, 1, 2" studs		1992-90	80-100
	w, aluminum wheels		1992-90	80-100
	Neon		1998-84	95

Lug Nut Torque Guide

	Neon		1999	100
	Neon		2005-00	85-115
	Omni, Shadow, Spirit		1995-90	85-115
	Stealth		1996-91	85-100
	Stratus, All Except:		2006-00	85-115
	Coupes		2005-01	65-80
	Sedans		1999	100
	Sedans		1998-95	95
	Viper		2010-92	80-100
Eagle				
	Medallion		1988	67
	Premier ES, LX		1992-89	54-72
	w, aluminum wheels		1992-89	80-100
	Summit		1996-89	65-80
	Talon		1998-90	85-100
	Vision		1997-93	95
Ford				
	Aspire		1997-88	65-87
	Contour		1997-95	62
	Contour		1998	85
	Contour		2000-99	94
	Crown Victoria		2003-84	85-105
	Crown Victoria		2010-04	100
	Escort		2003-90	65-87
	ZX2 w, aluminum wheels		2003-02	74-100
	Festiva		1993-90	65-87
	Five Hundred, Freestyle		2007-05	100
	Focus		2005-00	94
	Focus		2010-06	100
	Fusion		2010-05	100
	GT		2006-05	111
	LTD		1991-90	85-105
	Mustang		2004-84	85-105
	Mustang		2010-05	85-105
	Probe		1997-90	65-87
	Taurus		2003-84	85-105
	Taurus		2010-04	100
	Tempo, Thunderbird		1997-84	85-105
	Thunderbird		2005-02	100
Honda				

Lug Nut Torque Guide

	All Models		2010-84	80
Hyundai				
	All Models		2010-90	65-80
Infiniti				
	All Models Except:		2005-90	72-87
	G20, G20t		2002-99	87-108
	G35, G37, M35, M45		2010-06	72-94
	Q45		2006	72-94
Isuzu				
	I-Mark		1990	65
	Impulse, Stylus		1993-90	87
Jaguar				
	All Models Except:		2010-90	75
	S-Type		2009-00	95
	XF, XJ Series		2010-09	95
	XJ12, XJ6, XJ8		2003-90	65-75
	XJR, XJR-S		1997-93	65-75
	XJS		1996-90	65-75
Kia				
	Amanti		2009-04	65-80
	Optima EX/LX/SE		2010-07	65-80
	Optima EX/LX		2006.5	65-80
	Optima EX/LX/SE		2006-01	66-81
	Rio		2005-01	65-87
	Rio		2009-06	65-79
	Rio		2010	65-79
	Sephia		2001-93	65-87
	Soul		2010	65-80
	Spectra All Except:		2004-00	65-87
	EX, LX		2004	65-80
	Spectra		2009-05	65-80
Lexus				
	All Models Except:		2010-90	76
	LS460, LS600h		2010-07	103
Lincoln				
	Continental		2002-90	85-105
	LS		2006-00	100
	Town Car		2003-84	85-105
	Town Car, Zephyr		2009-04	100

Lug Nut Torque Guide

Mazda				
	All Models Except:		2010-88	65-87
	Millenia		2002-95	65-94
Mercedes				
	All Models Except:		2006-90	81
	CL, R, S, SD		2010-92	110
	CLS, CLK, E, SL, SLR		2010-03	96
Mercury				
	All Models Except:		2005-84	85-105
	Capri		1994-91	67-88
	Grand Marquis		2010-04	100
	Marauder		2004-03	95
	Milan, Montego		2010-05	100
	Mystique		1997-95	62
	Mystique		1998	85
	Mystique		2000-99	94
	Sable		2010-05	100
	Tracer		1999-87	65-87
Mini				
	All Models		2006-02	88
	All Models Except:		2010-07	103
	Cooper Convertible		2007	88
Mitsubishi				
	All Models Except:		2010-90	65-80
	3000GT		1999-90	87-101
	Eclipse		1998-90	87-101
	Galant		1989-87	65-80
	Mirage		1989-85	65-80
	Precis		1994-87	51-58
	Precis	w/aluminum wheels	1994-90	57-72
Nissan				
	All Models Except:		2010-87	72-87
	GT-R		2010-09	97
	Sentra	Base/E Only	1995-90	58-72
	200SX, 240SX		1986-85	87-108
	300ZX		1986-84	72-87
Oldsmobile				
	All Models		2004-90	100
Plymouth				
	Acclaim		1995-87	95

Lug Nut Torque Guide

	Breeze		2000-96	85-115
	Colt		1994-83	65-80
	Colt Vista Wagon		1994-84	50-57
	w, aluminum wheels		1994-84	65-80
	Horizon		1990-84	95
	Laser		1994-90	85-100
	Neon		2001-95	85-115
	Prowler		2001-99	100
	Sundance		1994-90	95
Pontiac				
	All Models Except:		2009-89	100
	G3		2009	88
	G8		2009-08	125
	LeMans		1993-89	65
	Vibe		2010-03	76
	Wave		2006-05	88
	6000, J2000, Sunbird, Sunfire		1988-82	100
	Bonneville		1988-87	100
	Grand Am		1988-85	100
Porsche				
	All Models Except:		2010-90	96
	Carrera GT		2006-03	407
SAAB				
	9-2X		2006-05	72
	9-3, 9-5		2009-99	80
	900, 900 S, 900 Turbo		1993-90	80-90
	900 S, 900 SE, 900 Turbo		1994	78-96
	900 S, 900 SE, 900 Turbo		1998-95	67-81
	900 S, 900 SE, 900 Turbo	w/alloy wheels	1998-95	78-96
	9000		1998-88	80-90
Saturn				
	All Models Except:		2009-91	100
	L, LW Models		2005-00	92
	Astra		2009-08	81
Scion				
	All Models		2010-04	76
Smart				
	All Models		2010-06	81
Subaru				
	All Models Except:		2005-87	58-72

Lug Nut Torque Guide

	Impreza, Legacy		2010-05	74-89
	SVX		1997-92	74-89
Suzuki				
	Aerio, Esteem		2010-95	62
	SX4		2010-95	62
	Forenza, Reno		2008-04	66-92
	Samurai		1990-85	37-57
	Sidekick		1995-89	58-79.5
	Swift		1994-89	37-50
	Swift		2001-95	48
	Verona		2006-04	81
Toyota				
	All Models		2010-86	76
Volkswagen				
	All Models Except:		1998-88	81
	All Models Except:		2010-99	89
	Beetle		2010-98	89
Volvo				
	All Models Except:		2010-93	81
	240		1993-90	85
	740, 760, 780, 940, 960		1997-90	63
	S60, S80		2010-99	103
	S90, V90		1998-97	63
	V70		2000-98	81
	V70		2010-01	103
MINIVANS/LIGHT TRUCKS				
Acura				
	MDX		2006-01	80
	MDX, ZDX		2010-07	94
	RDX		2010-07	80
	SLX		1999-96	87
Audi				
	Q5		2010-09	88
	Q7		2010-07	118
BMW				
	X3		2010-04	88
	X5, X6		2010-00	103
Buick				
	All Models Except:		2007-02	100

Lug Nut Torque Guide

	Enclave		2010-08	140
Cadillac				
	Escalade		2010-99	140
	SRX		2010-04	100
Chevrolet/GMC				
	Acadia, Traverse		2010-07	140
	APV, Lumina		1996-85	100
	Astro		2005-03	140
	Astro		1990-02	100
	Avalanche		2010-02	140
	Blazer, Jimmy		1998-95	95
	Blazer, Jimmy, Tahoe, Yukon		1991-89	100
	Blazer K, Jimmy K		1994-92	120
	Blazer S-10, Jimmy S-15		1991-90	80
	Blazer S-10, Jimmy S-15		1994-92	95
	Blazer T-10, Jimmy T-15		1991-90	100
	Blazer V, Jimmy V		1991-90	88
	Blazer, Jimmy		2005-99	100
	C, K 1500, 2500, 3500		1995-88	120
	C, K 3500	DRW	1995-92	140
	C, K 1500, 2500, 3500		2000-96	140
	Colorado, Canyon		2010-04	100
	Equinox, Envoy		2009-98	100
	Equinox, Envoy		2010	140
	Express, Savana		2010-96	140
	G10, G20		1995-88	100
	G30		1995-88	120
	G30	DRW	1993-88	140
	G10, G20, G30		1996	140
	G1500, G2500		1995-88	100
	G1500, G2500, G3500		1996	140
	G3500		1995-88	120
	G3500	DRW	1993-88	140
	R, V 3500		1991-89	120
	R, V 3500	DRW	1991-90	140
	S Pickup, Sonoma		1991-82	80
	S Pickup, Sonoma		1998-92	95
	S Pickup, Sonoma		2004-99	100
	Safari		2002-90	100

Lug Nut Torque Guide

	Safari		2005-03	140
	Sierra, Silverado		2010-96	140
	SSR		2006-03	81
	Suburban C, K 1500, 2500, Yukon, Tahoe		1995-92	120
	Suburban C, K 1500, 2500, Yukon, Tahoe, Terrain		2010-96	140
	Suburban R1500		1991-90	100
	Suburban R2500		1991-90	120
	Suburban R2500	DRW	1991-90	125
	Suburban V1500		1991-90	88
	Suburban V1500	w/aluminum wheels	1991-89	100
	Suburban V2500		1991-89	120
	Suburban V2500	DRW	1991-90	125
	Tracker		2004-00	69
	Tracker		1999-90	60
	TrailBlazer, Typhoon		1993-92	100
	Uplander, Venture		2008-97	100
Chrysler				
	All Models Except:		2010-90	85-115
	Aspen		2009-07	135
	Pacifica		2006-04	85
Dodge				
	Caravan, Grand Caravan		2010-85	85-115
	D150S Pickup		1992-90	105
	Dakota Pickup		2004-90	85-115
	Dakota Pickup		2010-05	135
	Durango		2003-98	85-115
	Durango		2009-04	135
	Journey, Nitro		2010-07	85-115
	Power Ram 50, Ram 50		1993-90	87-101
	B100, B150, B1500 Van		2003-95	85-110
	B100, B150, B1500 Van		1994-72	105
	B200, B250, B2500 Van	9/16" Studs	2003-99	120-150
	B200, B250, B2500 Van		1998-94	85-115
	B200, B250, B2500 Van	5/8" Studs	1994	175-225
	B200, B250, B2500 Van		1993-72	105
	B300, B350, B3500 Van	9/16" Studs	2003-99	120-150
	B300, B350, B3500 Van	5/8" Studs	1998-94	175-225
	B300, B350, B3500 Van	Exc. 5/8" Studs	1998-94	85-115
	B350 HD Van		1994-90	175-225

Lug Nut Torque Guide

	B300, B350, B3500 Van	1/2" Studs	1993-79	105
	B300, B350, B3500 Van	5/8" Flanged Studs	1993-79	300-350
	B300, B350, B3500 Van	5/8" Non-Flanged Studs	1993-79	200
	Ram 1500 All Except		2010-02	135
	Ram 1500	Mega Cab	2006	155
	Ram 1500		2001-94	80-110
	Ram 2500 All Except		2010-02	135
	Ram 2500 ST		2004	155
	Ram 2500		2001-94	120-150
	Ram 3500 All Except		2010-03	135
	Ram 3500	DRW	2010-02	145
	Ram 3500 ST	SRW Only	2004-03	155
	Ram 3500		2002	145
	Ram 3500		2001-94	130-160
	Ram 50 Pickup		1993-87	87-101
	Ram SRT-10		2006-04	135
	D,W100-250 Pickup		1993-72	105
	D,W300-350 Pickup	1/2" Studs	1993-79	105
	D,W300-350 Pickup	5/8" Flanged Studs	1993-79	300-350
	D,W300-350 Pickup	5/8" Non-Flanged Studs	1993-79	200
	Ram Power Wagon		2010-05	155
	Ramcharger		1993-79	105
	Sprinter2500	Alloy	2009-04	126-140
	Sprinter2500	Steel	2009-04	170-184
	Sprinter3500	DRW	2009-05	126-140
Ford				
	Aerostar, Bronco		1997-86	100
	E-150, E-250, E-350		2010-08	140-150
	E-150		2007	140
	E-150		2006-75	100
	E-250, E-350		2007-90	140
	Escape, Edge		2010-01	100
	Excursion		2005-00	165
	Expedition		2010-01	150
	Expedition	19mm Hex	2000	100
	Expedition	21mm Hex	2000	150
	Expedition		1999-97	100
	Explorer		2010-86	100

Lug Nut Torque Guide

	F-150 All Except		2010-01	150
	F150 H.D.		2003-01	100
	F150 Heritage H.D.		2004	100
	F-150	19mm Hex	2000	100
	F-150	21mm Hex	2000	150
	F-150		1999-88	100
	F250, F350 Pickup	8 Lug, 9/16"	2003-01	160
	F250, F350 Pickup	8 Lug, 9/16"	2000-99	148
	F250, F350 Pickup	8 Lug, 9/16"	1998-88	140
	F250, F-350 Super Duty		2004-99	150-165
	F250, F-350 Super Duty		2010-05	150
	Flex, Freestar		2010-04	100
	Ranger, Windstar		2010-87	100
	Transit Connect		2010	66
Honda				
	All Models Except:		2010-95	80
	Odyssey, Ridgeline		2010-05	94
	Passport		2002-94	87
	Pilot		2010-09	94
Hummer				
	H1		2006-92	110
	H1	1 Piece Steel Wheel	2000-94	140
	H2		2009-03	140
	H3		2010-06	100
Hyundai				
	Entourage		2009-07	65-80
	Santa Fe		2009-01	80
	Santa Fe		2010	65-80
	Tucson, Veracruz		2010-05	80
Infiniti				
	FX35, FX45, FX50, EX35		2010-03	80
	QX4, QX56		2010-97	87-108
Isuzu				
	Amigo		2000-98	87
	Amigo	wo/Aluminum Wheels	1994-90	58-87
	Amigo	w/Aluminum Wheels	1994-90	80-94
	Ascender		2008-03	100
	Axiom		2004-02	97
	Hombre		2000-96	95

Lug Nut Torque Guide

	Oasis		1999-96	80
	Pickup	wo/Aluminum Wheels	1995-90	58-87
	Pickup	w/Aluminum Wheels	1995-90	80-94
	Rodeo		2004-91	65**
	Trooper		2002-93	87
	Trooper		1992-84	58-87
	Vehicross		2001	87
	Vehicross	wo/Aluminum Wheels	2000-99	65
	Vehicross	w/Aluminum Wheels	2000-99	87
	i-280, i-290, i-350, i-370		2008-06	100
Jeep				
	All Models Except:		1990	75
	Wrangler		1991-90	80
	Cherokee		2001-91	85-115
	Comanche		1992-91	75
	Commander		2010-06	85-115
	Compass		2010-07	90-100
	Grand Cherokee		2010-94	85-115
	Grand Wagoneer		1991	75
	Grand Cherokee, Grand Wagoneer, Wrangler		1993-92	85-110
	Wagoneer		1992	75
	Wrangler		2010-07	92-133
	Wrangler		2006-90	85-115
	Liberty		2010-02	85-115
	Patriot		2010-07	90-100
Kia				
	Sedona		2010-2006	65-80
	Sedona		2005-04	80-101
	Sedona		2003-02	65-80
	Sorento		2009-03	65-87
	Sportage		2010-05	66-81
	Sportage		2002-95	65-87
	Rhondo, Borrego		2010-07	65-80
Land Rover				
	Defender, Discovery		1998-93	90-95
	Discovery, LR3		2006-99	103
	Freelander		2005-02	84
	Range Rover, All Except:		2002-95	84
	Range Rover Classic		1995-87	90-95

Lug Nut Torque Guide

	Range Rover		2010-03	103
	LR2		2010-07	98
	LR3, LR4		2010-05	103
Lexus				
	GX460, GX470		2010-03	83
	LX450		1997-96	76
	LX470, LX570		2010-98	97
	RX300, RX330, RX350, RX400, RX450		2010-99	76
Lincoln				
	Aviator		2005-03	100
	Blackwood		2003-02	135-165
	Mark LT		2008-0606	150
	MKX, MKT		2010-07	100
	Navigator		2010-01	150
	Navigator	19mm Hex	2000	100
	Navigator	21mm Hex	2000	150
	Navigator		1999-98	100
Mazda				
	B2200		1993-86	65-87
	B2200	w/chrome steel wheels	1993-86	87-108
	B2300, B3000, B4000		2009-94	100
	B2300, B3000, B4000	w/chrome steel wheels	2009-94	87-108
	B2500		2001-98	100
	B2600, B2600i		1993-90	65-87
	B2600, B2600i	w/chrome steel wheels	1993-90	87-108
	CX-7		2010-07	65-87
	CX-9		2010-07	80-108
	MPV		2006-00	79-108
	MPV		1999-90	66-86
	Mazda5		2010-06	65-87
	Navajo		1994-91	100
	Tribute		2010-01	85-115
Mercedes				
	All Models Except:		2010-98	110
	Sprinter 2500	Alloy	2010	126-140
	Sprinter 2500	Steel	2010	170-184
	Sprinter 2500	DRW	2010	126-140
Mercury				
	All Models Except:		2010-97	100

Lug Nut Torque Guide

	Villager		2002-93	80
Mitsubishi				
	Endeavor, Outlander		2010-03	65-80
	Montero		2006-00	73-87
	Montero		1999	87-101
	Montero		1998-97	98-112
	Montero		1996-82	72-87
	Pickups, All Except		1991-89	72-87
	4WD Longbed, Macrocab		1992-90	87-101
	Pickups, All Except		1996-92	87-101
	Mighty Max		1996-90	87-101
	Raider		2009-06	128-145
	Van, Wagon		1990-89	87-101
Nissan				
	All Models Except:		2010-87	87-108
	Armada		2010-04	65-82
	Pickups	DRW Only	1991-90	166-203
	Murano		2010-03	80
	Quest, Rogue		2010-93	72-87
	Van		1988-87	72-87
	X-Trail		2006-05	83
	Xterra		2010-00	83
Oldmobile				
	All Models		2004-90	100
Plymouth				
	All Models		2000-84	85-115
Pontiac				
	All Models		2009-90	100
Porsche				
	Cayenne		2010-03	118
Saab				
	9-7X		2009-05	100
Saturn				
	Outlook		2009-07	140
	Relay, Vue		2009-02	100
Scion				
	xB		2010-04	76
Subaru				
	B9Tribeca, Tribeca		2010-06	74-89
	Baja		2006-05	74-89

Lug Nut Torque Guide

	Baja		2004-03	58-72
	Forester		2010-07	74-89
	Forester		2006-98	58-72
	Outback		2010-05	74-89
	Outback		2004-00	58-72
Suzuki				
	Equator		2010-09	98
	Grand Vitara		2010-01	73
	Grand Vitara		2000-99	69
	Samurai		1991-90	37-57
	Samurai		1995-92	58-79
	Sidekick		1998-90	58-79
	Vitara		2000-99	69
	Vitara, XL-7		2006-01	73
	XL-7		2009-07	100
	X-90		1998-96	69
Toyota				
	4Runner		2010-99	83
	4Runner		1998-90	76
	FJ Cruiser		2010-08	85
	FJ Cruiser		2007	83
	Highlander		2010-01	76
	Land Cruiser		1998-94	108
	Land Cruiser	w/aluminum wheels	1998-94	76
	Land Cruiser		1993-90	116
	Land Cruiser		2010-99	97
	Pickups	SRW	1993-90	101
	Pickups	DRW	1993-90	170
	Previa		1997-91	76
	RAV4		2010-96	76
	Sequoia		2010-08	97
	Sequoia		2007-01	83
	Sienna		2010-98	76
	T100, Tacoma		1998-93	76
	Tacoma		2010-99	83
	Tundra		2010-07	97
	Tundra		2006-03	83
	Tundra		2002-00	88
	Van		1991-90	76

Lug Nut Torque Guide

Volkswagen				
	EuroVan		2003-97	133
	EuroVan		1996-93	118
	Routan		2010-09	85-115
	Tiguan2.0T		2010-09	103
	Tiguan 2.0T	4Motion	2010-09	88
	Touareg		2010-04	118
	Vanagon		1991-90	123
Volvo				
	All Models		2010-03	103