

1995 - 2021
Lug Nut Torque Values
Cars, Light Trucks, SUVs, and Vans

Make	Model	Year(s)	Torque (ft-lbs)
Acura	MDX	2007-13	94
Acura	NSX	2017-21	125
Acura	RL/RLX	2005-20	94
Acura	SLX	1996-99	87
Acura	TL	2009-14	94
Acura	TLX	2021	94
Acura	ZDX	2007-13	94
Acura	All Other Car Models	1995-21	80
Acura	All Other Light Truck, SUV & Van Models	2001-21	80

Make	Model	Year(s)	Torque (ft-lbs)
Alfa Romeo	Giulia	2017-21	89
Alfa Romeo	Stelvio	2018-21	89
Alfa Romeo	All Other Car Models	1995-20	72

Make	Model	Year(s)	Torque (ft-lbs)
Aston Martin	DBX	2021	129
Aston Martin	DB7	1995-2004	65-75
Aston Martin	DB9/Vantage	2005-07	60/100*
Aston Martin	DB9/DB11/DBS/Vantage	2010-21	60/133*
Aston Martin	DB9/DB11/DBS/Vantage, (21mm)	2008-09	60/133*
Aston Martin	DB9/DB11/DBS/Vantage, (22mm)	2008-09	60/100*
Aston Martin	Rapide/Virage	2010-19	60/133*
Aston Martin	Vanquish	2001-06	60/100*
Aston Martin	Vanquish	2014-18	60/133*
Aston Martin	* In a star pattern, torque to the first value then repeat & toque to the second value.		

Make	Model	Year(s)	Torque (ft-lbs)
Audi	All Models	1995-1997	81
Audi	Cabriolet	1995-98	81
Audi	E-Tron Quattro	2019-21	120
Audi	e-tron Sportback	2020-21	120
Audi	Q7	2007-21	118
Audi	Q8	2007-21	118
Audi	RS Q8	2007-21	118
Audi	SQ7	2007-21	118
Audi	SQ8	2007-21	118
Audi	All Other Car Models	1998-21	89
Audi	All Other Light Truck, SUV & Van Models	2009-21	103

Make	Model	Year(s)	Torque (ft-lbs)
Bentley	Arnage	1999-01	74
Bentley	Arnage RL	2001-02	74
Bentley	Arnage	2002-09	96-100
Bentley	Azure	1996-03	45-50
Bentley	Azure Le Mans	2001-02	77-85
Bentley	Azure	2006-10	96-100
Bentley	Bentayga	2017-21	133/122*
Bentley	Brooklands	1995-98	45-50
Bentley	Brooklands	2008-10	96-100
Bentley	Continental All Models Except:	1995-03	45-50
Bentley	Continental GT	2020-21	133/122
Bentley	Continental GT/GTC	2003-18	107
Bentley	Continental R Le Mans/T Le Mans	2001-02	77-85
Bentley	Continental Flying Spur	2006-13	107
Bentley	Continental Supersports	2010-17	107

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Make	Model	Year(s)	Torque (ft-lbs)
Bentley	Eight/Turbo R	1995-98	45-50
Bentley	Flying Spur	2014-18	107
Bentley	Flying Spur	2020-21	133/122
Bentley	Mulsanne	2011-20	133
Bentley	*In a star pattern, torque to 133 ft-lbs then loosen & torque again to 122 ft-lbs.		

Make	Model	Year(s)	Torque (ft-lbs)
BMW	2 Series	2014-21	103
BMW	3 Series Sedan	2012-21	103
BMW	3 Series Sedan Sports Wagon	2014-17	103
BMW	4 Series	2014-21	103
BMW	5 & 6 Series	2011-21	103
BMW	7 & 8 Series	2002-21	103
BMW	i3/i3s/i8	2014-21	103
BMW	X1	2012-15	88
BMW	Z4	2019-21	103
BMW	All Other Car Models	1995-2016	88
BMW	All Other Light Truck, SUV & Van Models	2000-21	103

Make	Model	Year(s)	Torque (ft-lbs)
Buick	Allure	2010	110
Buick	Enclave	2008-21	140
Buick	Envision	2019-21	140
Buick	Lacrosse	2010-16	110
Buick	Regal	2011-17	110
Buick	All Other Models	1995-21	100

Make	Model	Year(s)	Torque (ft-lbs)
Cadillac	ATS-V/CTS	2017-19	140
Cadillac	ATS-V/CTS Blue Nut	2016	110
Cadillac	ATS-V/CTS Silver Nut	2016	140
Cadillac	Catera	1997-01	80
Cadillac	CT5	2020-21	140
Cadillac	CT6	2016-20	110
Cadillac	CTS	2008-12	140
Cadillac	CTS	2013-15	110
Cadillac	Deville H.D. Special	1997-99	140
Cadillac	SRX	2004-09	100
Cadillac	SRX	2010-13	110
Cadillac	XTS	2013-19	110
Cadillac	All Other Light Truck, SUV & Van Models	1999-21	140
Cadillac	All Other Car Models	1995-21	100

Make	Model	Year(s)	Torque (ft-lbs)
Chevrolet	APV	1995-96	100
Chevrolet	Avalanche	2002-13	140
Chevrolet	Aveo/Aveo5	2004-10	81
Chevrolet	Blazer	1995-97	95
Chevrolet	Blazer	1998-05	100
Chevrolet	Blazer	2019-21	140
Chevrolet	Camaro	2010-11	140
Chevrolet	Camaro	2013-15	110
Chevrolet	Camaro	2016-21	140
Chevrolet	Camaro Blue Nut	2012	110
Chevrolet	Camaro Silver Nut	2012	140
Chevrolet	Caprice	2011-16	140

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Make	Model	Year(s)	Torque (ft-lbs)
Chevrolet	Captiva Sport	2012-15	100
Chevrolet	City Express	2015-18	83
Chevrolet	Colorado	2004-12	100
Chevrolet	Colorado	2015-21	140
Chevrolet	Corvette	2020-21	140
Chevrolet	Epica	2004-06	81
Chevrolet	Equinox	2002-09	100
Chevrolet	Equinox	2010-17	140
Chevrolet	Equinox	2018-2021	100
Chevrolet	Express	1996-21	140
Chevrolet	G10	1995	100
Chevrolet	G10	1996	140
Chevrolet	G1500	1995	100
Chevrolet	G1500	1996	140
Chevrolet	G20	1995	100
Chevrolet	G20	1996	140
Chevrolet	G2500	1995	100
Chevrolet	G2500	1996	140
Chevrolet	G30	1995	120
Chevrolet	G30	1996	140
Chevrolet	G3500	1995	120
Chevrolet	G3500	1996	140
Chevrolet	Impala	2014-20	110
Chevrolet	Impala Limited	2014-15	100
Chevrolet	Lumina APV	1995-96	100
Chevrolet	Malibu	2013-15	110
Chevrolet	Malibu Limited	2016	110
Chevrolet	Metro	1995-01	45
Chevrolet	Optra	2004-07	81
Chevrolet	Orlando	2012-14	100
Chevrolet	Prizm	1995-2002	76
Chevrolet	Silverado	1999-21	140
Chevrolet	SS	2014-17	140
Chevrolet	SSR	2003-06	100
Chevrolet	Suburban	1995	120
Chevrolet	Suburban	1996-21	140
Chevrolet	Tahoe	1995	120
Chevrolet	Tahoe	1996-21	140
Chevrolet	Tracker	1995-98	60
Chevrolet	Tracker	1999-02	69
Chevrolet	Tracker	2003-04	73
Chevrolet	Trailblazer	2002-21	100
Chevrolet	Traverse	2007-21	140
Chevrolet	Trax	2013-21	100
Chevrolet	Uplander	1997-09	100
Chevrolet	Venture	1997-09	100
Chevrolet	All Other Car Models	1995-2021	100

Make	Model	Year(s)	Torque (ft-lbs)
Chrysler	Crossfire	2004-08	81
Chrysler	Sebring LX/LXi	1999-00	65-80
Chrysler	Sebring LX/LXi Coupe	2001-03	65-80
Chrysler	Sebring Base/Limited Coupe	2004-05	65-80

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Make	Model	Year(s)	Torque (ft-lbs)
Chrysler	All Other Models	1995-17	100
Chrysler	300	2011-13	110
Chrysler	300	2014-21	130
Chrysler	Aspen	2007-09	135
Chrysler	All SUV, Van, & Truck Models	2012-21	100
Chrysler	All Other Light Truck, SUV & Van Models	1995-11	95
Make	Model	Year(s)	Torque (ft-lbs)
Dodge	Avenger	1995-98	85-100
Dodge	Avenger	1999-00	65-80
Dodge	Avenger	2008-14	100
Dodge	B1500	1995-98	80-110
Dodge	B2500	1998	120-150
Dodge	B2500	1995-97	85-115
Dodge	B3500	1998	120-150
Dodge	B3500	1995-97	85-115
Dodge	B3500 HD	1995-97	175-225
Dodge	Caliber	2007-12	100
Dodge	Caravan	1995-11	95
Dodge	Challenger	2008-10	100
Dodge	Challenger	2011-13	110
Dodge	Challenger	2014-21	130
Dodge	Challenger SRT Models	2015-21	111
Dodge	Charger	2006-10	100
Dodge	Charger	2011-13	110
Dodge	Charger	2014-21	130
Dodge	Charger SRT Models	2015-21	111
Dodge	Dakota	1995-04	85-115
Dodge	Dakota	2005-10	135
Dodge	Dart	2013-16	100
Dodge	Durango	1998-03	85-115
Dodge	Durango	2004-09	135
Dodge	Durango	2011-13	110
Dodge	Durango	2014-21	130
Dodge	Durango SRT	2018-21	110
Dodge	Grand Caravan	1995-11	95
Dodge	Grand Caravan	2012-20	100
Dodge	Intrepid	1995-04	85-115
Dodge	Journey	2009-13	95
Dodge	Journey	2014-20	100
Dodge	Magnum	2005-08	100
Dodge	Neon	1995-05	85-115
Dodge	Nitro	2007-11	95
Dodge	Omni/Shadow/Spirit	1995	85-115
Dodge	Ram 1500	1995-2001	80-110
Dodge	Ram 1500	2002-08	135
Dodge	Ram 1500	2009-10	130
Dodge	Ram 1500 Van	1999-01	85-115
Dodge	Ram 1500 Van	2002-03	80-110
Dodge	Ram 2500	1995-01	120-150
Dodge	Ram 2500	2002-10	135
Dodge	Ram 2500 Van	1999-03	120-150
Dodge	Ram 3500	2002	145

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Make	Model	Year(s)	Torque (ft-lbs)
Dodge	Ram 3500	1995-01	130-160
Dodge	Ram 3500	2003-10	135
Dodge	Ram 3500 DRW	2003-10	145
Dodge	Ram 3500 Van	1999-03	120-150
Dodge	Stealth	1995-96	85-100
Dodge	Stratus Coupe	2001-05	65-80
Dodge	Stratus Sedan	1995-06	85-115
Dodge	SX 2.0	2003-05	85-115
Dodge	Viper	1995-14	80-100
Dodge	Viper	2015-17	107

Make	Model	Year(s)	Torque (ft-lbs)
Ferrari	Enzo	2003-04	481.5
Ferrari	F40/F50	1995-97	468
Ferrari	F355/F512M	1995-99	86
Ferrari	LeFerrari	2014-17	516.3
Ferrari	All Other Models	2000-21	74
Ferrari	348	1995	72
Ferrari	456/512	1995-03	86
Ferrari	550/575	1997-02	100

Make	Model	Year(s)	Torque (ft-lbs)
Fiat	124 Spider	2017-20	94
Fiat	500	2012-19	75
Fiat	500 with Steel Wheels	2012-13	63
Fiat	500 with Steel Wheels	2014-16	66
Fiat	500L	2014-20	89
Fiat	500L with Steel Wheels	2014-16	63
Fiat	500X	2016-89	89

Make	Model	Year(s)	Torque (ft-lbs)
Ford	Aerostar	1995-97	100
Ford	Aspire	1995-97	65-87
Ford	Bronco	1995-97	100
Ford	Bronco Sport	2021	100
Ford	C-Max	2013-18	100
Ford	Contour	1995-00	94
Ford	Crown Victoria	1995-2003	85-105
Ford	Crown Victoria	2004-11	100
Ford	E-150	2007	140
Ford	E-150	1995-06	100
Ford	E-150	2008-14	140-150
Ford	E-250	1995-07	140
Ford	E-250	2008-14	140-150
Ford	E-350	1995-07	140
Ford	E-350	2008-14	140-150
Ford	EcoSport	2018-21	100
Ford	Edge	2007-14	100
Ford	Edge	2015-21	162
Ford	Escape	2001-21	100
Ford	Escort	1995-03	65-87
Ford	Escort with Aluminum Wheels	2002-03	74-100
Ford	Excursion	2000-05	165
Ford	Expedition 19 mm Hex	1997-00	100
Ford	Expedition 21 mm Hex	2000-21	150

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Make	Model	Year(s)	Torque (ft-lbs)
Ford	Explorer	1995-19	100
Ford	Explorer	2020-21	150
Ford	F-150	1995-99	100
Ford	F-150	2001-21	150
Ford	F-150 19 mm Hex	2000	100
Ford	F-150 21 mm Hex	2000	100
Ford	F-150 HD	2001-03	100
Ford	F-150 Heritage HD	2004	100
Ford	F-250	1995-96	140
Ford	F-250	1997-99	100
Ford	F-250	1999-04	150-165
Ford	F-250	2009-19	165
Ford	F-250	2020-21	150
Ford	F-250	2005-08	150
Ford	F-250 HD	1997	140
Ford	F-350	1995-97	140
Ford	F-350 Super Duty	1999-04	150-165
Ford	F-350 Super Duty	2005-08	150
Ford	F-350 Super Duty	2009-19	165
Ford	F-350 Super Duty	2020-21	150
Ford	Fiesta	2011-13	98
Ford	Fiesta	2014-19	100
Ford	Five Hundred	2005-07	100
Ford	Flex	2004-19	100
Ford	Focus	2000-05	94
Ford	Focus	2006-20	100
Ford	Freestar	2004-19	100
Ford	Freestyle	2005-07	100
Ford	Fusion	2006-20	100
Ford	Fusion Sport	2017-19	150
Ford	GT	2005-06	11
Ford	GT	2017-21	150
Ford	Mustang	1995-04	85-105
Ford	Mustang	2005-14	100
Ford	Mustang	2015-21	150
Ford	Mustang Mach-E	2021	150
Ford	Police Interceptor	2013-14	110
Ford	Police Interceptor Utility	2013-14	110
Ford	Probe	1995-97	65-87
Ford	Ranger	1995-21	100
Ford	Taurus	1995-03	85-105
Ford	Taurus	2004-19	100
Ford	Taurus X	2008-09	100
Ford	Tempo	1995-97	85-105
Ford	Thunderbird	1995-97	85-105
Ford	Thunderbird	2002-05	100
Ford	Transit	2015-21	150
Ford	Transit Connect	2011-1/2	100
Ford	Transit Connect	2010-11	66
Ford	Transit Connect	2012-18	100
Ford	Transit Connect	2019-21	150
Ford	Windstar	1995-03	100

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Make	Model	Year(s)	Torque (ft-lbs)
Genesis	GV80	2021	101-116
Genesis	G70	2017-21	79-94
Genesis	G80	2017	65-80
Genesis	G80	2018-20	79-94
Genesis	G80	2021	101-116
Genesis	G90	2017-21	79-94

Make	Model	Year(s)	Torque (ft-lbs)
GMC	Acadia	2007-21	140
GMC	Astro	1995-02	100
GMC	Astro	2003-05	140
GMC	C/K 1500	1995	120
GMC	C/K 1500	1996-00	140
GMC	C/K 2500	1995	120
GMC	C/K 2500	1996-00	140
GMC	C/K 3500	1995	120
GMC	C/K 3500	1996-00	140
GMC	C/K 3500 DRW	1995-99	140
GMC	Canyon	2004-12	100
GMC	Canyon	2015-21	140
GMC	Envoy	2002-09	100
GMC	Jimmy	1995-97	95
GMC	Jimmy	1998-05	100
GMC	S Pickup	1995-97	95
GMC	S Pickup	1998-04	100
GMC	Safari	1995-02	100
GMC	Safari	2003-05	140
GMC	Savana	1996-21	140
GMC	Sierra	1999-21	140
GMC	Sonoma	1995-97	95
GMC	Sonoma	1998-04	100
GMC	Terrain	2010-17	140
GMC	Terrain	2018-2021	100
GMC	Yukon	1995	120
GMC	Yukon	1996-21	140
GMC	All Other Car Models	1995-2021	100

Make	Model	Year(s)	Torque (ft-lbs)
Honda	Civic Type R	2017-21	94
Honda	Odyssey	2005-21	94
Honda	Passport	1995-02	65
Honda	Passport	2019-21	94
Honda	Passport with Aluminum Wheels	1995-02	87
Honda	Pilot	2009-21	94
Honda	Ridgeline	2005-21	94
Honda	All Other Car Models	1995-21	80
Honda	All Other Light Truck, SUV & Van Models	1995-21	80

Make	Model	Year(s)	Torque (ft-lbs)
Hummer	H1	1995-06	110
Hummer	H1 1 Piece Steel Wheel	1995-00	140
Hummer	H2	2003-09	140
Hummer	H3	2006-10	100
Hummer	H3T	2006-10	100
Hyundai	Accent	2018-21	79-94

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Make	Model	Year(s)	Torque (ft-lbs)
Hyundai	Elantra GT	2018-20	79-94
Hyundai	Elantra Sedan	2017-21	79-94
Hyundai	Ioniq	2017-21	79-94
Hyundai	Sonata/Veloster	2018-21	79-94
Hyundai	All Other Car Models	1995-17	65-80
Hyundai	All Other Light Truck, SUV & Van Models	2001-17	65-80
Hyundai	All Other Light Truck, SUV & Van Models	2018-21	79-94

Make	Model	Year(s)	Torque (ft-lbs)
Infiniti	JX35	2013-20	83
Infiniti	QX30	2017-19	96
Infiniti	QX4	1997-21	98
Infiniti	QX50	2019-21	83
Infiniti	QX56	1997-21	98
Infiniti	QX60	2013-20	83
Infiniti	QX80	1997-21	98
Infiniti	All Other Models	1995-21	80

Make	Model	Year(s)	Torque (ft-lbs)
Isuzu	Amigo	1998-00	87
Isuzu	Ascender	2003-08	100
Isuzu	Axiom	2002-04	97
Isuzu	Hombre	1996-00	95
Isuzu	i-280	2006-08	100
Isuzu	i-290	2006-08	100
Isuzu	i-350	2006-08	100
Isuzu	i-370	2006-08	100
Isuzu	Oasis	1996-99	80
Isuzu	Pickup	1995	58-87
Isuzu	Pickup with Aluminum Wheels	1995	80-94
Isuzu	Rodeo	1995-04	65
Isuzu	Rodeo with Aluminum Wheels	1995-04	87
Isuzu	Trooper	1995-02	87
Isuzu	VehiCross	2001	87
Isuzu	VehiCross	1999-00	65
Isuzu	VehiCross with Aluminum Wheels	1999-00	87

Make	Model	Year(s)	Torque (ft-lbs)
Jaguar	E-Pace	2018-21	98
Jaguar	F-Pace	2017-18	103
Jaguar	F-Pace	2019-21	98
Jaguar	F-Type/XE	2014-21	92
Jaguar	I-Pace	2019	92
Jaguar	I-Pace	2020-21	98
Jaguar	S-Type	2000-08	92
Jaguar	Super V8/Vanden Plas	2004-09	92
Jaguar	XF/XFR/XFR-S/XJ/XJ8/XJR	2004-21	92
Jaguar	XK/XKR/XKR-S	2007-15	92
Jaguar	All Other Car Models	1995-09	75

Make	Model	Year(s)	Torque (ft-lbs)
Jeep	Cherokee	1995-01	85-115
Jeep	Cherokee	2014-21	100
Jeep	Commander	2006-10	95
Jeep	Compass	2007-21	100
Jeep	Gladiator	2020-21	130

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Jeep	Gr& Cherokee	1995-04	85-115
Jeep	Gr& Cherokee	2005-10	95
Jeep	Gr& Cherokee	2011-13	110
Jeep	Gr& Cherokee	2014-21	130
Jeep	Gr& Cherokee SRT	2015-21	110
Jeep	Liberty	2000-04	85-110
Jeep	Liberty	2005-12	95
Jeep	Patriot	2007-21	100
Jeep	Renegade	2015-21	89
Jeep	Renegade with Steel Wheels	2015	63
Jeep	Wrangler JK	2014-18	100
Jeep	Wrangler JL	2018-21	130
Jeep	Wrangler TJ	1995-04	85-110
Jeep	Wrangler TJ	2005-13	95

Make	Model	Year(s)	Torque (ft-lbs)
Kia	Cadenza	2017-21	79-94
Kia	Forte	2018-21	79-94
Kia	Forte5	2018-21	79-94
Kia	K900	2019-20	79-94
Kia	Niro	2017-21	79-84
Kia	Niro EV	2019-20	79-94
Kia	Optima	2017-21	79-94
Kia	Rio	2001-05	65-87
Kia	Rio	2018-21	79-94
Kia	Rondo	2017	79-94
Kia	Sedona	2004-05	80-101
Kia	Sedona	2019-21	79-94
Kia	Seltos	2019-21	79-94
Kia	Sephia	1995-01	65-87
Kia	Sorento	2003-09	65-87
Kia	Sorento	2019-21	79-94
Kia	Soul	2017-21	79-94
Kia	Soul EV	2015-19	65-80
Kia	Soul EV/K5	2020-21	79-94
Kia	Spectra	2000-04	65-87
Kia	Spectra EX	2004-09	65-80
Kia	Spectra LX	2004-09	65-80
Kia	Spectra SX	2004-09	65-80
Kia	Spectra5	2004-09	65-80
Kia	Sportage	1995-02	65-87
Kia	Sportage	2017-21	79-94
Kia	Stinger	2018-21	79-94
Kia	Telluride	2019-21	79-94
Kia	All Other Car Models	2001-19	65-80
Kia	All Other Light Truck, SUV & Van Models	2002-18	65-80

Make	Model	Year(s)	Torque (ft-lbs)
Land Rover	Defender	1995-98	90-95
Land Rover	Discovery	1995-98	90-95
Land Rover	Defender	1999-21	103
Land Rover	Discovery	1999-21	103
Land Rover	Discovery Sport	2015-21	98
Land Rover	Freelander	2002-05	84

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Make	Model	Year(s)	Torque (ft-lbs)
Land Rover	LR2	2008-15	98
Land Rover	LR3	2005-09	103
Land Rover	LR4	2010-16	98
Land Rover	Range Rover	1995	90-95
Land Rover	Range Rover SE	1995-01	84
Land Rover	Range Rover	1996-02	84
Land Rover	Range Rover	2003-12	103
Land Rover	Range Rover Evoque	2012-21	98
Land Rover	Range Rover Sport	2011-18	98
Land Rover	Range Rover	2013-18	98
Land Rover	Range Rover	2019-21	103
Land Rover	Range Rover Sport	2019-21	103
Land Rover	Range Rover Velar	2018-21	98

Make	Model	Year(s)	Torque (ft-lbs)
Lexus	GX460	2003-14	83
Lexus	GX470	2003-14	83
Lexus	IS 300	2021	103
Lexus	IS 350	2021	103
Lexus	LC500	2018-21	103
Lexus	LC500h	2018-21	103
Lexus	LFA	2012	81
Lexus	LS460	2007-17	103
Lexus	LS500	2018-21	103
Lexus	LS500h	2018-21	103
Lexus	LS600h	2007-17	103
Lexus	LX470	1998-21	97
Lexus	LX570	1998-21	97
Lexus	All Other Car Models	1995-21	76
Lexus	All Other Light Truck, SUV & Van Models	1996-21	76

Make	Model	Year(s)	Torque (ft-lbs)
Lincoln	Aviator	2003-05	100
Lincoln	Aviator	2020-21	150
Lincoln	Blackwood	2002	150
Lincoln	Continental	2017-20	162
Lincoln	Corsair	2020-21	100
Lincoln	LS	2000-06	100
Lincoln	Mark LT	2006-08	150
Lincoln	MKC	2007-19	100
Lincoln	MKS	2007-16	100
Lincoln	MKT	2007-19	100
Lincoln	MKX	2007-15	100
Lincoln	MKX	2016-18	162
Lincoln	MKZ	2007-16	100
Lincoln	MKZ	2017-20	150
Lincoln	Nautilus	2019-21	162
Lincoln	Navigator 19 mm Hex	1998-00	100
Lincoln	Navigator 21 mm Hex	2000-21	150
Lincoln	Town Car	2004-11	100
Lincoln	Zephyr	2000-06	100
Lincoln	All Other Car Models	1995-2003	85-105

Make	Model	Year(s)	Torque (ft-lbs)
Lotus	Elise	2005-21	76

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Make	Model	Year(s)	Torque (ft-lbs)
Lotus	Evora	2005-21	76
Lotus	Evora GT	2005-21	76
Lotus	Exige	2005-21	76
Lotus	Esprit	1995-04	72

Make	Model	Year(s)	Torque (ft-lbs)
Maserati	Levante	2017-21	72
Maserati	All Other Car Models	2002-03	90
Maserati	All Other Car Models	2004-05	74
Maserati	All Other Car Models	2006-21	72

Make	Model	Year(s)	Torque (ft-lbs)
Maybach	All Models	2003-12	110

Make	Model	Year(s)	Torque (ft-lbs)
Mazda	B2300	1995-10	100
Mazda	B2300 with Chrome Wheels	1995-10	87-108
Mazda	B2500	1998-01	100
Mazda	B3000	1995-10	100
Mazda	B3000 with Chrome Wheels	1995-10	87-108
Mazda	B4000	1995-10	100
Mazda	B4000 with Chrome Wheels	1995-10	87-108
Mazda	CX-3	2007-21	80-108
Mazda	CX-30	2007-21	80-108
Mazda	CX-5	2007-21	80-108
Mazda	CX-7	2007-12	65-87
Mazda	CX-9	2007-21	80-108
Mazda	Mazda3	2014-21	80-108
Mazda	Mazda3 Sport	2014-21	80-108
Mazda	Mazda5	2006-17	65-87
Mazda	Mazda6	2014-21	80-108
Mazda	Millenia	1995-02	65-94
Mazda	MPV	1995-98	66-86
Mazda	MPV	2000-06	79-108
Mazda	MX-5 Miata	2016-21	80-108
Mazda	Tribute	2001-11	100
Mazda	All Other Car Models	1995-15	65-87

Make	Model	Year(s)	Torque (ft-lbs)
McLaren	Senna	2019	479.4
McLaren	All Other Car Models	2012-21	96

Make	Model	Year(s)	Torque (ft-lbs)
Mercedes-Benz	A220	2019-21	96
Mercedes-Benz	A250	2019-21	96
Mercedes-Benz	AMG G63	2019-21	111
Mercedes-Benz	AMG GLC 63	2018-21	111
Mercedes-Benz	AMG GT 2 Door	2016-21	133
Mercedes-Benz	AMG GT 4 Door	2019-21	111
Mercedes-Benz	B Class	2013-19	96
Mercedes-Benz	C Class	2008-21	96
Mercedes-Benz	CL	1998-14	110
Mercedes-Benz	CLA	2008-21	96
Mercedes-Benz	CLS	2006-18	96
Mercedes-Benz	CLS 450	2019-21	111
Mercedes-Benz	CLS 53 AMG	2019-21	111
Mercedes-Benz	E Class	2003-17	96

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Make	Model	Year(s)	Torque (ft-lbs)
Mercedes-Benz	E Class	2018-21	111
Mercedes-Benz	E Class Sedan & Wagon	2017	111
Mercedes-Benz	G	2002-21	96
Mercedes-Benz	G550	2019-21	111
Mercedes-Benz	GLA	2002-21	96
Mercedes-Benz	GLB	2002-21	96
Mercedes-Benz	GLC	2002-21	96
Mercedes-Benz	GLC 350e	2018-21	111
Mercedes-Benz	GLC 43	2018-21	111
Mercedes-Benz	GLC 63	2018-21	111
Mercedes-Benz	GLC300	2018-21	111
Mercedes-Benz	Metris with Alloy Wheels	2016-21	133
Mercedes-Benz	Metris with Steel Wheels	2016-21	147
Mercedes-Benz	S Class	1995-21	110
Mercedes-Benz	SD	1995-21	110
Mercedes-Benz	SEC	1995-21	110
Mercedes-Benz	SL Class	2003-20	96
Mercedes-Benz	SLC Class	2003-20	96
Mercedes-Benz	SLK Roadster	2012-16	96
Mercedes-Benz	SLR	2003-20	96
Mercedes-Benz	SLS AMG	2011-12	96
Mercedes-Benz	SLS AMG	2013-15	133
Mercedes-Benz	Sprinter with Alloy Wheels	2003-21	133
Mercedes-Benz	Sprinter with Steel Wheels	2003-21	177
Mercedes-Benz	All Other Light Truck, SUV & Van Models	1998-21	110
Mercedes-Benz	All Other Car Models	1995-11	81

Make	Model	Year(s)	Torque (ft-lbs)
Mercury	Gr& Marquis	2004-11	100
Mercury	Marauder	2003-04	95
Mercury	Milan	2005-11	100
Mercury	Montego	2005-11	100
Mercury	Mystique	1995-00	94
Mercury	Sable	2008-09	100
Mercury	Tracer	1995-99	65-87
Mercury	Villager	1995-02	80
Mercury	All Other Light Truck, SUV & Van Models	1997-11	100
Mercury	All Other Car Models	1995-2005	85-105

Make	Model	Year(s)	Torque (ft-lbs)
Mini	Cooper M12 Bolt	2002-07	88

Make	Model	Year(s)	Torque (ft-lbs)
Mitsubishi	3000GT	1995-99	87-101
Mitsubishi	Eclipse	1995-96	87-101
Mitsubishi	Eclipse Cross	2018-20	65-80
Mitsubishi	Endeavor	2003-21	65-80
Mitsubishi	Might Max	1995-96	87-101
Mitsubishi	Montero	1995-06	72-87
Mitsubishi	Montero Sport	1997-04	72-04
Mitsubishi	Montero Sport with Steel Wheels	1997-99	87-101
Mitsubishi	Outlander	2003-21	65-80
Mitsubishi	Outlander Sport	2011-21	65-80
Mitsubishi	Raider	2006-09	125-145
Mitsubishi	RVR	2003-21	65-80

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Make	Model	Year(s)	Torque (ft-lbs)
Mitsubishi	All Other Car Models	1995-21	65-80
Make	Model	Year(s)	Torque (ft-lbs)
Nissan	Altima	2007-21	83
Nissan	Armada	2000-21	98
Nissan	GT-R	2009-21	97
Nissan	GT-R Nismo	2015-21	114
Nissan	Kicks	2015-21	83
Nissan	Leaf	2013-21	83
Nissan	Maxima	2009-21	83
Nissan	Micra	2009-21	83
Nissan	Murano	2015-21	83
Nissan	NV1500	2012-14	138
Nissan	NV1500	2015-21	131
Nissan	NV200	2013-21	83
Nissan	NV2500	2012-14	138
Nissan	NV2500	2015-21	131
Nissan	NV3500	2012-14	138
Nissan	NV3500	2015-21	131
Nissan	Pathfinder	1995-12	98
Nissan	Pathfinder	2013-20	83
Nissan	Quest	2004-09	83
Nissan	Rogue	2014-21	83
Nissan	Rogue Select	2014-21	80
Nissan	Rogue Sport	2014-21	80
Nissan	Sentra	2007-21	83
Nissan	Titan XD	2016-21	131
Nissan	Versa	2007-21	83
Nissan	Xterra	2000-21	98
Nissan	All Other Trucks	1995-21	98
Nissan	All Other SUV's & Vans	1995-21	80
Make	Model	Year(s)	Torque (ft-lbs)
Oldsmobile	All Models	1995-09	100
Make	Model	Year(s)	Torque (ft-lbs)
Plymouth	Acclaim	1995	95
Plymouth	Sundance	1995	95
Plymouth	Breeze	1996-00	85-115
Plymouth	Neon	1995-01	85-115
Plymouth	Prowler	1997-01	100
Plymouth	All Other Light Truck, SUV & Van Models	1995-00	85-115
Make	Model	Year(s)	Torque (ft-lbs)
Polestar	All Models	2020	103
Make	Model	Year(s)	Torque (ft-lbs)
Pontiac	Firefly	2000	45
Pontiac	G3	2009-10	81
Pontiac	G8	2008-09	125
Pontiac	Vibe	2003-10	76
Pontiac	Wave	2005-08	81
Pontiac	Wave 5	2005-08	81
Pontiac	All Other Car Models	1995-10	100
Pontiac	All Other Light Truck, SUV & Van Models	1995-09	100
Make	Model	Year(s)	Torque (ft-lbs)
Porsche	Carrera GT	2004-06	407

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Make	Model	Year(s)	Torque (ft-lbs)
Porsche	Cayman	2012-17	118
Porsche	Panamera	2010-11	118
Porsche	Panamera	2012-16	133
Porsche	Panamera	2017-21	118
Porsche	Taycan	2020-21	118
Porsche	718	2017-21	118
Porsche	911 Center Lock	2010-13	370
Porsche	911 Carrera 991	2012	118
Porsche	911 Carrera	2013-21	118
Porsche	911 Boxster	2013-21	118
Porsche	911 Center Lock	2014-21	444
Porsche	918 Spider	2015	480
Porsche	All Other Car Models	1995-13	96
Porsche	All Other Light Truck, SUV & Van Models	2003-21	118

Make	Model	Year(s)	Torque (ft-lbs)
Ram	C/V	2012	95
Ram	C/V	2013-15	100
Ram	Dakota	2011	135
Ram	ProMaster	2014-21	145
Ram	ProMaster City	2015-21	89
Ram	Promaster City with Steel Wheels	2015-21	63
Ram	1500	2011-21	130
Ram	2500	2011-21	130
Ram	3500	2011-21	130
Ram	1500 HD	2012	135
Ram	3500 DRW	2011-21	140

Make	Model	Year(s)	Torque (ft-lbs)
Rolls-Royce	Cullinan	2019-21	103
Rolls Royce	Park Ward	1997-02	1997-02
Rolls Royce	Silver Seraph	1997-02	1997-02
Rolls Royce	All Other Car Models	1995-02	45-50
Rolls Royce	All Other Cars Models	2004-21	103

Make	Model	Year(s)	Torque (ft-lbs)
Saab	9-2X	2005-06	72
Saab	9-3	1999-11	80
Saab	9-3X	1999-11	80
Saab	9-4x	2011	110
Saab	9-5	1999-09	80
Saab	9-5	2010-11	110
Saab	9-7x	2005-09	100
Saab	900	1995-98	67-81
Saab	900 with Alloy Wheels	1995-98	78-96
Saab	9000	1995-98	80-90

Make	Model	Year(s)	Torque (ft-lbs)
Saturn	Astra	2008-09	81
Saturn	L Series	2000-05	92
Saturn	LS Series	2000-05	92
Saturn	LW Series	2000-05	92
Saturn	Outlook	2007-10	140
Saturn	Relay	2002-10	100
Saturn	Vue	2002-10	100
Saturn	All Other Car Models	1995-10	100

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Make	Model	Year(s)	Torque (ft-lbs)
Scion	All Models	2003-16	76

Make	Model	Year(s)	Torque (ft-lbs)
Smart	Fortwo	2005-15	81
Smart	Fortwo Electric Drive	2011-16	81
Smart	Fortwo	2016-18	77
Smart	Fortwo Electric Drive	2018-19	77

Make	Model	Year(s)	Torque (ft-lbs)
Subaru	Ascent	2019-21	89
Subaru	B9 Tribeca	2006-10	74-89*
Subaru	Baja	2003-04	66-81
Subaru	Baja	2005-06	74-89
Subaru	Crosstrek	2014-21	89
Subaru	Forester	1998-10	58-72
Subaru	Forester	2011-13	72
Subaru	Forester	2014-21	89
Subaru	Legacy	2005-09	74-89
Subaru	Legacy	2010-21	89
Subaru	Outback	2005-09	74-89
Subaru	Outback	2010-21	89
Subaru	SVX	1995-97	74-89
Subaru	Tribeca	2006-10	74-89*
Subaru	Tribeca	2011-14	89*
Subaru	WR XSTI	2011-14	72
Subaru	WRX	2011-14	72
Subaru	All Other Car Models	1995-2011	58-72
Subaru	*Reference owner's manual for chrome wheel torque specifications.		

Make	Model	Year(s)	Torque (ft-lbs)
Suzuki	Aerio	1995-13	62
Suzuki	Equator	2009-12	98
Suzuki	Esteem	1995-13	62
Suzuki	Forenza	2004-08	Jun-92
Suzuki	Gr& Vitara	1999-00	69
Suzuki	Gr& Vitara	2001-13	73
Suzuki	Kizashi	2010-13	37-50
Suzuki	Reno	2004-08	66-92
Suzuki	Samurai	1995	58-79
Suzuki	Sidekick	1995-98	58-79
Suzuki	Swift	1995-01	48
Suzuki	Swift+	2004-09	81
Suzuki	SX4	1995-13	62
Suzuki	Verona	2004-09	81
Suzuki	Vitara	1999-00	69
Suzuki	Vitara	2001-04	73
Suzuki	X-90	1996-98	69
Suzuki	XL-7	2002-06	73
Suzuki	XL-7	2007-09	100

Make	Model	Year(s)	Torque (ft-lbs)
Tesla	Model S	2012-21	129
Tesla	Model X	2016-21	129
Tesla	Model Y	2016-21	129
Tesla	Model 3	2012-21	129
Tesla	Roadster	2008-12	77

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Make	Model	Year(s)	Torque (ft-lbs)
Toyota	FR-S	2013-20	89
Toyota	GR Supra	2020-21	103
Toyota	Mirai	2021	103
Toyota	Yaris iA	2016-20	80-108
Toyota	Yaris Sedan	2016-20	80-108
Toyota	86	2013-20	89
Toyota	4Runner	1996-2014	81
Toyota	FJ Cruiser	2007-14	83
Toyota	L& Cruiser	1995-97	108
Toyota	L& Cruiser with Aluminum Wheels	1995-97	76
Toyota	L& Cruiser	1998-21	97
Toyota	Pickup 4X2	1995	101
Toyota	Pickup 4X4	1995	76
Toyota	Sequoia	2001-07	83
Toyota	Sequoia	2008-21	97
Toyota	Tacoma	1995-21	83
Toyota	Tundra	2000-06	83
Toyota	Tundra	2007-21	97
Toyota	Tundra with Steel Wheels	2007-21	154
Toyota	All Other Light Truck, SUV & Van Models	1995-21	76

Make	Model	Year(s)	Torque (ft-lbs)
Volkswagen	Arteon	2012-21	103
Volkswagen	Atlas	2018-21	88
Volkswagen	Atlas Cross Sport	2018-21	88
Volkswagen	Beetle	1995-2010	89
Volkswagen	Beetle	2012-21	103
Volkswagen	Eurovan	1995-96	118
Volkswagen	Eurovan	1997-03	133
Volkswagen	ID.4	2018-21	88
Volkswagen	Passat	2012-21	103
Volkswagen	Roatan	2009-14	85-115
Volkswagen	Tiguan	2009-21	103
Volkswagen	Tiguan 4Motion	2009-18	88
Volkswagen	Tuareg	2004-07	118
Volkswagen	Tuareg	2008-17	133
Volkswagen	All Other Car Models	1995-98	81
Volkswagen	All Other Car Models	1999-21	89

Make	Model	Year(s)	Torque (ft-lbs)
Volvo	C30 Fixed Washer	1998-10	81
Volvo	C30 Refer To Owner's Manual	2011-13	96
Volvo	C70 Fixed Washer	1998-10	81
Volvo	C70 Refer To Owner's Manual	2011-13	96
Volvo	S40 Fixed Washer	1998-10	81
Volvo	S40 Refer To Owner's Manual	2011-13	96
Volvo	V40 Fixed Washer	1998-10	81
Volvo	V50 Fixed Washer	1998-10	81
Volvo	V50 Refer To Owner's Manual	2011-13	96
Volvo	S60	1999-21	103
Volvo	S70	1998-00	81
Volvo	S80	1999-21	103
Volvo	S90	1999-21	103
Volvo	S90	1997-98	63

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Make	Model	Year(s)	Torque (ft-lbs)
Volvo	V60	2001-21	103
Volvo	V70	1998-00	81
Volvo	V70	2001-21	103
Volvo	V90	1997-98	63
Volvo	V90	2001-21	103
Volvo	XC70	2001-21	103
Volvo	240	1995-97	63
Volvo	740	1995-97	63
Volvo	760	1995-97	63
Volvo	780	1995-97	63
Volvo	850	1995-97	81
Volvo	940	1995-97	63
Volvo	960	1995-97	63
Volvo	All SUV, Van, & Truck Models	2003-21	103