

Reorder Codes / Part Numbers

Part Numbers	Size	Torque (ft. lbs.)	Tool Color	Letter Code
1/2" Drive				
KT130340A	14mm	80	Mud	UU
KT130304A	17mm	55	Green	H
KT130305A	17mm	80	Red	G
KT130329A	17mm	90	Off White	MM
KT130334A	17mm	113	Lt. Yellow	K
KT130306A	19mm	65	Yellow	F
KT130307A	19mm	80	Blue	E
KT130342A	19mm	90	Lt. Tan	NN
KT130308A	19mm	100	Gray	C
KT130912	19mm	110	Purple	M
KT130341A	19mm	120	Qtz Gray	OO
KT130309A	21mm	60	Black	D
KT130310A	21mm	80	Lt. Brown	B
KT130311A	21mm	100	Brown	A
KT130343A	21mm	110	Red Orange	KK
KT130328A	21mm	147	Charcoal	BB
KT130898A	21mm	160	Lt. Purple	XX
KT130337A	22mm	60	Dk Green	Z
KT130336A	22mm	75	Orange	AA
KT130327A	22mm	100	Lt. Blue	Y
KT130338	22mm	110	Pearl Copper	HH
KT130312A	22mm	120	White	I
KT130313A	22mm	140	Turquoise	EE
KT130339	22mm	154	Pink	TT
KT130899A	24mm	140	Lt. Green	T
3/4" Drive				
KT130918A	1-1/4"	250	HD Red	HD
KT130919A	33mm Hex	475	HD Brown	HD
1" Drive				
KT130911A	13/16"sq	475	HD Yellow	HD
KT130908A	1-1/4"	250	HD Red	HD
KT130909A	33mm	475	HD Brown	HD
KT130913A	33mm	550	HD Greyline	HD
KT130914A	33mm	550	Extended Greyline	HD
KT130910A	1-1/2" Hex	475	HD Black	HD

Wheel Name	Size	Torque (ft. lbs.)	Tool Color
HEAVY DUTY APPLICATIONS			
DAYTON SPOKED WHEEL	1-1/4"	250	HD
INT. 3000 SERIES BUSES	1-1/4"	250	HD
HUB PILOATED	33mm	475	HD
BUDD DUAL WHEEL	1-1/2"	475	HD
BUDD DUAL WHEEL (Inner Nut)	13/16" sq	475	HD
6 & 10 HOLE STUD PILOATED	1-1/2"	475	HD
8 HOLE HUB PILOATED & I.O.C. (FORD) WHEELS	1-1/16"	140	V

CAUTION:

Only those instructed in safe and proper use of torque sticks should use them.
 Actual line pressure should be 90-100 psi and output of the air impact gun:
 Automotive: 1/2" dr. - 150 to 250 ft.lbs.
 Med Duty Truck: 3/4" dr. - 360 to 590 ft.lbs.
 Heavy Duty Truck: 3/4" and 1" dr. - 650 to 1,000 ft.lbs.
 ALWAYS wear safety goggles when using torque sockets.
 NEVER hold with hands while tightening.
 NEVER use torque sockets to remove lug nuts.
 When tightening lug nuts, use the criss-cross wheel nut tightening sequence.

Before you use the torque sticks, check all parts, including wheels, studs and mounting faces of hub and wheels for dirt, rust or damage. Use a wire brush to remove dirt and rust. Replace any damaged parts, then turn the cap nuts down until they are snug at the wheel. Now you are ready to use the proper torque sticks. Careless installation of wheels on a vehicle is a major cause of tire and wheel problems. Improper torque can cause distortion, fatigue cracks, or alignment problems. After running the vehicle for approximately 50 miles, check the nuts for tightness.

The information contained herein is based on industry sources believed to be reliable. All socket sizes are specified for standard OEM supplied lug nuts. All specified torque values are for standard OEM supplied wheels. This information is supplied "as-is" without any express or implied representation or warranty of any type including, without limitation, any warranty of merchantability or fitness for a particular purpose. In no event shall K-Tool International or any affiliated companies be liable for any claim, damages or other liability arising from use of this information. This information is intended as a general guideline and is not a substitute for manufacturer recommendations. This information may change without notice. K-Tool International is under no obligation to provide updates. Always refer to the most current manufacturer information for updated torque information.

Note: Every possible precaution has been taken in compiling the list of the most popular vehicle makes and models. Neither the manufacturer nor the supplier can be held responsible for damage which might occur due to errors in the list or subsequent changes in specifications by vehicle manufacturers. Check with the service manual or the most recent service bulletins. Particular care should be taken where any non-standard parts or replacement wheels have been fitted.

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Name	Model years	Size	Torque (ft. lbs.)	Tool Color
AUTOMOTIVE				
ACURA				
All Models	See Exceptions	19mm	80	E
ILX	2015-2017	22mm	100	Y
NSX	2017-2019	22mm	120	I
RL/RLX	2005-2019	22mm	100	Y
TL/TLX	2009-2016	22mm	100	Y
ZDX	2010-2013	22mm	100	Y
AUDI				
All Models	1998-2018	17mm	90	MM
NOTE: Audi does not approve torque extensions & impact guns/wrenches for usage on wheel bolts. Hand torque ONLY.				
BMW				
All Models	See Exceptions	17mm	90	MM
2,3,4,5 Series	2011-2019	17mm	113	K
6,7,8 Series / i3 / i8 / M / Z4	2003 - 2019	17mm	113	K
3,5,6,7,8 Series / 320i / 528L / Z3/Z4	1996 - 2008	17mm	80	G
BUICK				
All Models	See Exceptions	19mm	100	C
Allure, LaCrosse	2010-2016	22mm	110	HH
Regal	2011-2017	22mm	110	HH
CADILLAC				
All models	See Exceptions	19mm	100	C
ATS-V/CTS/CTS-V	2014-2016	22mm	110	HH
ATS-V/CTS/CTS-V	2017-2019	22mm	140	EE
CT6	2016-2019	22mm	110	HH
XTS	2013-2019	22mm	110	HH
CHEVROLET				
All Models	See Exceptions	19mm	100	C
Aveo	2004-2010	19mm	80	E
Camaro ZL1/L5/SS/LT	2012-2016	22mm	110	HH
Camaro	2016-2019	22mm	140	EE
Camaro LS/SS/LT	2010-2011	22mm	140	EE
Caprice PPV	2011-2016	22mm	140	EE
Impala	2014-2019	22mm	110	HH
Malibu LTD	2013-2016	22mm	110	HH
SS	2014-2016	22mm	140	EE
CHRYSLER/PLYMOUTH				
All Models	See Exceptions	19mm	100	C
300	2014-2019	22mm	140	EE
300	2011-2013	22mm	110	HH
300	2005-2010	21mm	100	A
300 SRT	2016-2017	22mm	110	HH
Crossfire	2004-2008	17mm	80	G
Sebring Coupe	1999-2005	21mm	100	A
DODGE				
All Models	See Exceptions	19mm	100	C
Challenger/Charger/SRT	2014-2019	22mm	140	EE
Challenger/Charger/SRT	2011-2013	22mm	110	HH
SRT/392/Hellcat/Demon	2015-2019	22mm	110	HH
Magnum	2005-2008	21mm	110	KK
FIAT				
124 Spider	2017-2018	21mm	100	A
500, Abarth, Cabrio	2012-2018	17mm	80*	G
500L*, 500X	2014-2019	17mm	90	MM
*w/steel wheels			55	H
FORD				
All Models	See Exceptions	19mm	100	C
Escort, ZX2	1991-2002	21mm	80	B
Fusion Sport	2017-2019	21mm	147	BB
GT	2005-2006	21mm	147	BB
LTD, Crown Victoria	1983-2011	21mm	100	A
Mustang	2015-2019	21mm	147	BB
Mustang	2005-2014	21mm	100	A
Police Interceptor	2013-2019	19mm	110	M
HONDA				
All Models		19mm	80*	E
w/ 2/2.0L engine Civic Hatchback Type R		100		Y
HYUNDAI				
All Models	1990-2018	21mm	80	B
INFINITI				
All Models		21mm	80	B
M35 / 45	2006-2010	19mm	80	E
JAGUAR				
All Models	See Exceptions	19mm	90	NN
X-Type	2002-2008	19mm	80*	E
XJ Series	2003-2008	19mm	65	F

Name	Model years	Size	Torque (ft. lbs.)	Tool Color
JAGUAR CONT'D				
XK Series	2006-2007	22mm	75	AA
*w/steel wheels			65	F
KIA				
All Models	See Exceptions	21mm	80	B
Rio/Wagon	2001-2002	14mm	80	UU
LEXUS				
All Models	See Exceptions	21mm	80	B
LC, LS	2007-2016	21mm	100	A
LINCOLN				
All Models	2006-2016	19mm	100	C
Continental	2017-2019	21mm	160	XX
Continental	2000-2002	19mm	90	NN
MKZ	2017-2019	21mm	147	BB
MKZ Hybrid/Energi	2016	21mm	147	BB
w/14mm bolt				
MAZDA				
All Models		21mm	80	B
MERCEDES				
All Models	See Exceptions	17mm	90	MM
C Class, CLK, E Class, SLC Class, SLK Class	1994-2010	17mm	80	G
CL & S Class	1992-2019	17mm	113	K
E Sedan, Wagon, AMG, Cabrio, Convertible, Coupe	2017-2019	17mm	113	K
MERCURY				
All Models	See Exceptions	19mm	100	C
Cougar	1999-2002	21mm	100	A
Mystique	1999-2000	19mm	90	NN
MINI COOPER				
All Models & 14mm Bolt	2007-2019	17mm	113	K
Models	2002-2007	17mm	90	MM
MITSUBISHI				
All Models		21mm	80	B
NISSAN				
All Models		21mm	80	B
GT-R	2009-2019	21mm	100*	A
* NISMO models			110	KK
OLDSMOBILE				
All Models		19mm	100	C
PONTIAC				
All Models	See Exceptions	19mm	100	C
G-3	2009	19mm	90	NN
G-8	2008-2009	22mm	120	I
Vibe	2003-2009	21mm	80	B
PORSCHE				
All Models	See Exceptions	19mm	100	C
prior to 2012				
Boxster/Cayman/Panamera	2012-2017	19mm	120	OO
SAAB				
9-3	1998-2012	19mm	80	G
9-5	1999-2009	17mm	80	G
9-5	2011-2012	22mm	110	HH
9-2X	2005-2007	17mm	65	F
SATURN				
All Models	See Exceptions	19mm	100	C
Astra	2008-2009	17mm	80	G
L-Series	2000-2002	19mm	90	NN
SCION				
All Models		21mm	80	B
IA	2016	21mm	100	A
FR-S	2013-2016	19mm	90	NN
SUBARU				
All Models	See Exceptions	19mm	90	NN
Impreza Sedan	2011	19mm	80	E
Impreza, WRX, Sti	2011-2014	19mm	80	E
Legacy, Outback	2005-2009	19mm	80	E
Other Models	1976-2010	19mm	65	F
SUZUKI				
All Models	See Exceptions	19mm	65	F
Kizashi	2010-2013	19mm	100	C
TESLA				
Models	2008-2012	21mm	80	B
Models	2012-2019	21mm	147	BB
TOYOTA				
All Models	See Exceptions	21mm	80	B
86	2017-2019	19mm	90	NN

Name	Model years	Size	Torque (ft. lbs.)	Tool Color
TOYOTA CONT'D				
Yaris	2019	17mm	90	MM
Yaris iA	2017-2018	21mm	100	A
VOLKSWAGEN				
All Models	See Exceptions	17mm	90	MM
Beetle, Passat	2012-2019	17mm	113	K
VOLVO				
All Models	See Exceptions	19mm	100	C
C30/C70/S40/V50 w/ low nut (steel wheels only), w/high nut w/rotating washer or w/lockable wheel nut)	2005-2013	19mm	80	E
LIGHT TRUCKS AND VANS				
ACURA				
All Models	See Exceptions	19mm	80	E
MDX	2017-2019	22mm	100	Y
MDX	2007-2013	22mm	100	Y
ZDX	2010-2013	22mm	100	Y
AUDI				
Q3	2015-2018	17mm	113	K
Q5	2009-2018	17mm	113	K
Q7	2007-2016	19mm	120	OO
Note: see note in Automotive section before torquing				
BMW				
All Models	See Exceptions	17mm	113	K
X-1	2013-2015	17mm	90	MM
X-3	2004-2012	17mm	90	MM
BUICK				
All Models	See Exceptions	19mm	100	C
Enclave	2007-2019	22mm	140	EE
Envision	2019	22mm	140	EE
CADILLAC				
Escalade	1999-2019	22mm	140	EE
SRX	2014-2016	22mm	140	EE
SRX	2010-2013	22mm	110	HH
SRX	2004-2009	19mm	100	C
XT4, XT5	2017-2019	22mm	140	EE
CHEVROLET/GMC/SATURN				
All Models	See Exceptions	19mm	100	C
Acadia/Outlook/Traverse	2007-2019	22mm	140	EE
Astro, Safari	1985-2005	21mm	100	A
Avalanche	2002-2013	22mm		