



# Lug Nut Torque Specifications for Foreign and Domestic Automobiles

Make/Model	Year(s)	Size mm	Torque FT/LBS
<b>Acura</b>			
All Models (See dev)....	90-16	19	80
MDX.....	07-11	19	94
RL.....	05-16	19	94
SLX.....	96-99	19	87
TL.....	09-14	19	94
ZDX.....	10-11	19	94
<b>Audi</b>			
All Models.....	90-16	19	81
All Models (See dev)....	98-16	17	89
A4.....	02-11	17	103
A6, A6 Quattro.....	95-97	17	81
Cabriolet.....	94-98	17	81
Coupe/Cabriolet.....	88-98	17	81
Q5.....	09-11	17	103
Q7.....	07-11	19	118
All Models.....	94	17	81
<b>BMW</b>			
All Models Except:.....	90-16	17	88
640i/65M6/Alpina.....	06-14	17	103
740i/Li.....	11-14	17	103
745i/Li.....	02-05	17	103
7501/Li & 760i/Li.....	03-14	17	103
Active Hybrid 7.....	13-14	17	103

## Buick

All Models (See Dev) ...	90-16	19	100
Allure.....	10	22	110
LaCrosse.....	10-16	22	110
Regal.....	10-15	22	110

## Cadillac

All Models (See Dev) ...	90-16	19	100
Catera.....	97-01	17	80
CTS.....	08-12	22	140
CTS.....	13-15	22	110
Deville/Fleetwood.....	72-05	13/16"	100
Deville H.D. Special.....	97-09	22	140
STS.....	05-11	19	100
XTS.....	13-16	22	110

## Chevrolet/Geo

All Models (See Dev) ...	90-16	19	100
Aveo/Aveo5.....	04-10	19	81
Camaro ZL1/LS/SS/LT ..	04-10	22	110
Camaro (blue nut).....	12	22	110
Camaro (Silver nut).....	12	22	110
Camaro LS/SS/LT.....	10-11	22	140
Camaro.....	78-88	19	80
Caprice.....	11-16	13/16"	140
Chevelle/Malibu.....	76-88	19	80
Cruze.....	11	13/16"	100
Impala.....	80-00	13/16"	100
Impala.....	14-16	19	110
Impala Limited.....	14-15	19	100
Malibu.....	13-15	22	110
Metro.....	98-01	17	45
Prizm.....	98-02	21	76
Spectrum/Storm.....	90-93	19	86

## Chrysler

300/300C/300M.....	14-16	21	130
Crossfire-SRT6.....	04-08	17	81
Conquest.....	87-89	19	80
Sebring LX/LXi Coupe ..	99-03	21	65-80

## Dodge

All Models (See Dev) ...	all	19	100
Avenger.....	95-98	19	85-100
Avenger.....	99-00	19	65-80
Avenger.....	08-14	19	85-115
Challenger/Charger.....	06-13	21	85-115

Charger .....	84-90	19	80
Colt .....	90-94	19	65-80
Colt Vista .....	90-01	19	50-57
Colt Vista (Aluminum) .....	90-91	19	65-80
Diplomat.....	78-89	19	80
Magnum .....	05-08	21	85-115
Monaco .....	90-92	19	54-72

### **Eagle/Jeep**

Premier.....	90-92	19	54-72
Premier.....	88-89	19	63
Suit .....	90-96	21	65-80
Talon.....	90-98	19	85-100
Vision.....	93-97	19	95

### **Fiat**

500 .....	12-16	19	75
w/Steel Wheels .....	12-13	19	63
w/Steel Wheels .....	14-16	19	66
500L/500X .....	14-16	19	89

### **Ford**

All Models (See Dev) ...	-	19	100
Aspire .....	94-97	14	65-87
C-Max .....	13-16	19	100
Escort/EXP/ZX2.....	90-03	21	65-87
Escort.....	90-03	21	65-87
Festiva .....	90-93	19	65-87
Fiesta .....	90-93	19	65-87
Fiesta .....	11-13	19	98
Fiesta .....	14-16	19	100
Five Hundred/FR-sty....	05-07	19	100
Focus .....	00-05	19	94
LTD/Crown Vic.....	76-11	21	100
Mustang .....	90-04	19	85-105
Mustang .....	05-14	19	100
Mustang .....	15-16	19	150
Probe .....	90-97	21	65-87
Thunderbird .....	02-05	13/16"	100

### **Honda**

All Models.....	90-16	19	80
-----------------	-------	----	----

### **Hyundai**

All Models.....	90-16	21	80
All Models.....	86-89	19	80

### **Infiniti**

All Models (See Dev) ...	90-16	21	80
G-20.....	99-01	21	100

### **Isuzu**

All Models (See Dev) ...	all.....	19	65
Impulse/Stylus.....	83-93	19	87

### **Jaguar**

All Models Except:.....	90-09	19	75
F-Type.....	14-16	19	92
S-Type.....	00-08	19	95
XF/XFR/XJ .....	09-16	19	95
XK/XKR/XKR-S.....	07-15	19	95

### **Kia**

All Models (See Dev) ...	all.....	21	65-80
Amanti.....	04-09	21	65-80
Cadenza/Forte/Soul ....	10-14	21	65-80
Magentis.....	07-10	21	65-80
Magentis/Optima .....	01-06	21	66-81
Optima EX/LX .....	05-06	21	65-80
Optima .....	07-15	21	65-87
Rio .....	01-05	21	75-87
Rio .....	01-15	14	80
Rio/Rio5.....	06-15	21	65-80
Rondo .....	07-15	21	65-80
Sephia.....	93-01	21	65-87
EX/LX/SX/Spectra5 .....	04-09	21	65-80

### **Lexus**

All Models (See Dev) ...	90-16	21	76
LS460/LS600h.....	07-16	22	103

### **Lincoln**

All Models.....	all.....	21	100
-----------------	----------	----	-----

### **Maserati**

All Models.....	all.....	19	75
-----------------	----------	----	----

### **Mazda**

All Models.....	all.....	21	80
-----------------	----------	----	----

### **Mercedes**

C Class .....	95-07	17	81
E Class/C300/350/500.all.....		17	95
CLK/SLK/SLS/R .....	92-11	17	110

All Models Except:.....	90-11	17	81
B/C.....	08-16	17	96
CL.....	98-14	17	110
CLA/CLK/CLS/E	03-16	17	96
S/SD/SEC	92-16	17	110
SL/SLR/SLS	03-16	17	96
SLK.....	12-16	17	96

**Mercury**

All Models (See Dev) ...all.....	19	100	
Capri .....	91-94	21	67-88
Mystique .....	95-00	19	94
Grand Marquis .....	04-11	21	100
Marauder .....	03-04	19	95
Milan/Montego .....	05-11	19	100
Mystique .....	05-00	19	94
Sable.....	08-09	19	100
Tracer .....	91-99	19	65-87

**Mini Cooper**

All Models (See Dev) ...- - .....	18	80	
Cooper.....	02-06	17	88
Cooper (M12 Bolt).....	07	17	88
Cooper (M14 Bolt).....	07	17	103
Cooper.....	08-16	17	103

**Mitsubishi**

Models.....	90-16	21	65-80
3000GT/Eclipse .....	91-99	21	87-101
Eclipse .....	90-96	21	87-101
Precis.....	90-94	21	51-58
w/Aluminum Wheels...90-94	21	57-72	

**Nissan/Datsun**

All Models (See Dev) ...all.....	21	80	
Altra EV.....	00-01	21	80
GT-R.....	09-16	21	97
LEAF.....	13-16	21	83
Maxima/Micra.....	09-16	21	83
Versa .....	07-15	21	83
Older Models.....	74-85	21	60

**Oldsmobile**

All Models.....	90-04	19	100
-----------------	-------	----	-----

**Plymouth**

All .....	all.....	19	95
Colt/Vista.....	90-94	21	50-57

Prowler .....	97-01	19	100
---------------	-------	----	-----

**Pontiac**

All Models (See Dev) ...90-10	19	100	
G3 .....	09-10	22	81
G8 .....	08-09	22	125
LeMans .....	90-93	19	65
Vibe .....	03-10	21	76
Wave/Wave5.....	05-08	19	81

**Porsche**

All Models.....	84-96	19	96
-----------------	-------	----	----

**SAAB**

All Models (See Dev) ...90-13	17	96	
All Models.....	73-93	19	80
9-2X .....	05-06	17	72
9-3/9-3X .....	99-11	17	80
9-5 .....	99-09	15	80
9-5 .....	90-93	17	110
900 .....	90-93	19	90-90
900 .....	94	17	78-96
900 .....	95-98	17	67-81
w/alloy wheels .....	95-98	17	78-96
9000 .....	90-98	17	80-90

**Saturn**

All Models (See Dev) ...91-10	19	100	
Astra .....	08-09	17	81
L-Series .....	00-05	19	92

**Scion**

All Models (See Dev) ...all.....	21	80
----------------------------------	----	----

**Subaru**

All Models (See Dev) ...all.....	19	65	
Impreza .....	08-11	19	74-89
Legacy/Outback.....	05-09	19	74-89
SVX .....	92-97	19	74-89
Tribeca.....	06-11	19	80
WRX STI/XV crosstrek..13-15	19	74-89	

**Suzuki**

Foreza/Reno .....	04-08	19	66-92
Kizashi.....	10-13	19	104
Swift+/Verona .....	04-09	19	81

**Toyota**

All Models.....90-15 .... 21 ..... 76

**Volkswagen**

All Models Except:.....90-98 .... 17 ..... 81

All Models Except:.....99-15 .... 17 ..... 89

Beetle .....98-10 .... 17 ..... 89

Passat .....12015 ... 17 ..... 103

**Volvo**

240-960 .....90-97 .... 19 ..... 63

850 .....93-97 .... 19 ..... 81

C30/70/S40N40N50 ....98-10 .... 19 ..... 81

S60/580 .....99-16 .... 19 ..... 103

S70.....98-00 .... 19 ..... 81

S90/V90.....97-98 .... 19 ..... 63

V70 .....98-00 .... 19 ..... 81

V70/XC70.....01-16 .... 19 ..... 103