

Hub Bearing Torque Specification Guide 2010

Make year	Model	Front torque ft-lbs/Nm	Rear torque ft-lbs/Nm
ACURA			
1999-97	2.2CL, 2.3CL, 3.0CL	181/245	134/181
2004-96	3.2TL		134/181
2007-05	TL		134/181
2004-96	3.5RL		181/245
2001-90	Integra		134/181
1994-92	Vigor	181/245	
AUDI			
2005-00	TT FWD		129/175
BMW			
2003-00	M5		221/300
BUICK			
2007-05	Allure	118/160	
2005-98	Century	159/216	
1997	Century	151/205	
1996	Century	107/145	
1995-92	Century	103/140[1]	
1991-83	Century	185/260	
1982	Century	225/290	
1990-85	Electra	185/260	
2007-05	LaCrosse	118/160	
2005-98	LeSabre	118/160	
1997-92	LeSabre	107/145	
1991-86	LeSabre	185/260	
2007-06	Lucerne	118/160	
2005-98	Park Avenue	118/160	
1997-92	Park Avenue	107/145	
1991	Park Avenue	185/260	
2007-04	Rainer	103/140	
1991-88	Reatta	180/244	
2004-98	Regal	159/215	
1997-95	Regal	151/205	
1994-88	Regal	184/250	
2007-02	Rendezvous	192/260	
2006-02	Rendezvous	192/260	192/260
1999	Riviera	118/160	
1998-95	Riviera	107/145	
1993-86	Riviera	183/248	
1985-80	Riviera	175/240	
1988-82	Skyhawk	185/260	
1998	Skylark	74/100[2]	
1997-83	Skylark	185/260	
1982-80	Skylark	225/290	
1987-85	Somerset	185/206	
2007-05	Terraza	118/160	
CADILLAC			
1993	Allante	110/145	
1992-87	Allante	183/245	
1988-84	Cimarron	185/260	
2007-03	CTS		118/160
2005-00	Deville	[3]	
1999-97	Deville	118/160	
1996-92	Deville	107/145	
1991-85	Deville	180/244	
2007-06	DTS	[3]	
2002-97	Eldorado	118/160	
1996-93	Eldorado	107/145	
1992	Eldorado	110/145	
1991-86	Eldorado	180/244	
1985-80	Eldorado	176/238	
2006-02	Escalade 2 W/D	177/240	
2006-02	Escalade AWD	177/240	

2000-99	Escalade 4 W/D	165/225	
2006-03	Escalade ESV	177/240	
2006-02	Escalade EXT 4 W/D	177/240	
1992	Fleetwood	107/145	
1991-85	Fleetwood	180/244	
2004-97	Seville	118/160	
1996-93	Seville	107/145	
1992	Seville	110/145	
1991-86	Seville	180/244	
1985-80	Seville	176/238	
2007-04	SRX	118/160	
2006-05	STS		118/160
2007-04	XLR		118/160
CHEVROLET			
1996-87	Beretta	185/260	
2005-02	Cavalier	148/200	
2001-98	Cavalier	144/195	
1997-82	Cavalier	185/260	
1990-83	Celebrity	185/260	
1982	Celebrity	225/290	
1985-83	Citation	185/260	
1982-80	Citation	225/290	
2007-05	Cobalt	155/210	
1996-87	Corsica	185/260	
2007-97	Corvette		118/160
1996-84	Corvette		164/223
2007-01	Impala	118/160	
2000	Impala	159/215	
2001-98	Lumina	159/216	
1997-95	Lumina	151/205	
1994-90	Lumina	184/250	
1996-95	Lumina APV	104/145	
1994-90	Lumina APV	185/260	
2007-04	Malibu	159/215	
2003-97	Malibu	[4]	
2007-04	Malibu Maxx	159/215	
2007-01	Monte Carlo	118/160	
2000-98	Monte Carlo	159/215	
1997-95	Monte Carlo	151/205	
2002-98	Prizm	166/225	
2007-05	Uplander	118/160	192/260
2005-02	Venture	118/160	192/260
2001-98	Venture	118/160	
1997	Venture	151/205	
CHEVROLET/GMC TRUCKS			
2005-96	Astro, Safari AWD	147/200	
1995-90	Astro, Safari 4 W/D	180/244	
2007-02	Avalanche 4 W/D	177/240	
1994-92	Blazer, Yukon C/K 4W/D	165/225	
2007	Denali	177/240	
2006-04	Denali	173/235	
2003-01	Denali 4 W/D	155/210	
2000-99	Denali 4 W/D	165/225	
2007-01	Envoy 2 W/D	103/140	
2007-01	Envoy 4 W/D	103/140	
2001-99	Envoy 4 W/D	103/140	
2007	Equinox	151/205	151/205
2006-05	Equinox	151/205	81/110
2007	G1500 Van AWD	155/210	
2006-03	G1500 Van AWD	173/235	
2007-06	HHR	155/210	
2000-97	K1500 4 W/D Pickup	165/225	
1996-91	K1500 4 W/D Pickup	165/225	
1990-88	K1500 4 W/D Pickup	175/235	
2000-97	K2500 4 W/D Pickup	165/225	
1996-91	K2500 4 W/D Pickup	165/225	
1990-88	K2500 4 W/D Pickup	175/235	

2000-97	K3500 4 W/D Pickup	165/225	
1996-94	K3500 4 W/D Pickup	165/225	
1993-91	K3500 4 W/D Pickup	165/225	
1990-88	K3500 4 W/D Pickup	175/235	
2005-97	S Blazer, Jimmy 4 W/D	103/140	
1996-86	S Blazer, Jimmy, Typhoon, Syclone 4 W/D	181/245	
1985-82	S Blazer, Jimmy 4 W/D	174/235	
2007-99	Sierra, Silverado 4 W/D	177/240	
2004-97	S10, Sonoma, S15 4 W/D	103/140	
1996-86	S10, Sonoma, S15 4 W/D	180/244	
1985-82	S10, Sonoma, S15 4 W/D	174/235	
2007-00	Suburban 4 W/D	177/240	
1999-97	Suburban 4 W/D	165/225	
1996-92	Suburban 4 W/D	165/225	
2007-98	Tahoe, Yukon 4 W/D	177/240	
1997	Tahoe, Yukon 4 W/D	165/225	
1996-95	Tahoe, Yukon 4 W/D	165/225	
2004-99	Tracker	159/216	
2007-02	TrailBlazer 4 W/D	103/140	
2007-01	Yukon XL 4 W/D	177/240	
2000	Yukon XL 4 W/D	177/240	
CHRYSLER			
2000	Cirrus	105/142	185/250
1999-95	Cirrus	180/244	185/250
2004-01	Concorde	105/142	124/168
2000-95	Concorde	120/163	124/168
1994-93	Concorde	80/108	125/170
1993-84	Daytona	180/244	
1993-88	Dynasty	180/244	
1984-83	E Class	180/244	
1993-90	Fifth Ave	180/244	
1993-90	Imperial	180/244	
1986-84	Laser	180/244	
1995-82	LeBaron	180/244	
2001	LHS	105/142	124/168
2000-95	LHS	120/163	124/168
1994	LHS	80/108	125/170
1996-95	New Yorker	120/163	124/168
1994	New Yorker	80/108	125/170
1993-83	New Yorker	180/244	
2007-04	Pacifica	180/244	
2007-01	PT Cruiser		
2002-01	Prowler		105/141
2006-01	Sebring Convertible	110/150	185/250
2000	Sebring Convertible	105/142	185/250
1999-96	Sebring Convertible	180/244	185/250
2005-95	Sebring Coupe	167/226	
2007	Sebring Sedan	97/132	
2006-01	Sebring Sedan	110/150	185/250
2007	Town & Country FWD	180/244	
2006-99	Town & Country AWD	180/244	180/244
2006-99	Town & Country FWD	180/244	
1998-90	Town & Country AWD	180/244	
1998-90	Town & Country FWD	180/244	
2006-01	Voyager AWD	180/244	180/244
2006-01	Voyager FWD	180/244	
2007-05	300 RWD	184/250	157/213
2004-01	300M	105/142	124/168
2000-99	300M	120/163	124/168
DAEWOO			
2002-01	Leganza		207/280
2000-99	Leganza		210/285
DODGE/PLYMOUTH			
1982-80	024, TC3	180/244	
1983-82	400	180/244	
1988-82	600, Caravelle FWD	180/244	
1989-81	Aries, Reliant	180/244	

2000-95	Avenger	167/226	
2000	Breeze	105/142	185/250
1999-96	Breeze	180/244	185/250
2007	Caravan FWD	180/244	
2006-99	Caravan, Voyager AWD	180/244	180/244
2006-99	Caravan, Voyager FWD	180/244	
1998-90	Caravan, Voyager AWD	180/244	
1998-90	Caravan, Voyager FWD	180/244	
1989-84	Caravan, Voyager	180/244	
2007-06	Charger RWD	184/250	
1987-82	Charger, Turismo	180/244	
1993-84	Daytona	180/244	
1993-88	Dynasty	180/244	
2004-01	Intrepid	105/142	124/168
2000-95	Intrepid	120/163	124/168
1994-93	Intrepid	80/108	125/170
1989-85	Lancer	180/244	
2007-05	Magnum RWD	184/250	
2005-00	Neon	180/244	160/217
1998-96	Neon	135/183	160/217
1995	Neon	150/203	160/217
2005-03	Neon SRT-4		160/217
1999-80	Omni, Horizon	180/244	
2000-97	Prowler		105/141
1994-87	Shadow, Sundance	180/244	
1995-89	Spirit, Acclaim	180/244	
2005-01	Stratus Coupe	167/226	
2006-01	Stratus Sedan	110/150	185/250
2000	Stratus Sedan	105/142	185/250
1999-95	Stratus Sedan	180/244	185/250
DODGE/PLYMOUTH TRUCKS			
2007-97	Dakota 4 W/D	185/251	
1996-87	Dakota 4 W/D	190/258	
2007-97	Durango 4W/D	185/251	
2007-02	Ram 1500 Pickup 4 W/D	185/251	
2001-00	Ram 1500 Pickup 2 W/D	185/251	
2001-00	Ram 1500 Pickup 4 W/D	180/244[5]	
1999-96	Ram 1500 Pickup 4 W/D	175/237[5]	
1995-94	Ram 1500 Pickup 4 W/D	180/244[5]	
2002-00	Ram 2500 Pickup 4 W/D	180/244[5]	
1999-96	Ram 2500 Pickup 4 W/D	175/237[5]	
1995-94	Ram 2500 Pickup 4 W/D	180/244[5]	
2002-00	Ram 3500 Pickup 4 W/D	180/244[5]	
1999-96	Ram 3500 Pickup 4 W/D	175/237[5]	
1995-94	Ram 3500 Pickup 4 W/D	180/244[5]	
EAGLE			
1996-93	Summit		130/180
1998-95	Talon 4 W/D	167/226	167/226
1998-95	Talon FWD	167/226	
1994-90	Talon FWD	167/226	167/226
1997-95	Vision	120/163	124/168
1994-93	Vision	80/108	125/170
FORD/MERCURY			
2000-98	Contour, Mystique		210/290
1997-95	Contour, Mystique		210/290
2002-92	Crown Victoria, Grand Marquis	221/300	
2002-00	Escort	205/277	152/206
1999-91	Escort, Tracer	205/277	152/206
1990-81	Escort, Lynx, EXP, LN7	190/255	
2007	Five Hundred 2 W/D	259/350[6]	
2007	Five Hundred 4 W/D	259/350[6]	148/200
2006-05	Five Hundred	258/350[6]	148/200
2007-05	Focus	199/270	
2004-00	Focus	233/316	
2007-04	Freestar	111/150	
2007	Freestar 2 W/D	259/350[6]	
2007	Freestar 4 W/D	259/350[6]	148/200

2006-05	Freestar	259/360[6]	148/200
2007	Montego 2 W/D	259/350[6]	
2007	Montego 4 W/D	259/350[6]	148/200
2006-05	Montego	259/360[6]	148/200
2004-99	Mustang Cobra	258/350	
2004-94	Mustang	258/350	
2007-00	Taurus, Sable	184/250	221/300
1999-86	Taurus, Sable	190/258	221/300
1994-84	Tempo, Topaz	190/255	
1997-89	Thunderbird, Cougar	221/300	
2002-93	Villager		178/240
2003-00	Windstar	184/250	221/300
1999-98	Windstar	186/252	221/300
1997-95	Windstar	194/263	
2003-98	ZX2	205/277	

FORD/MERCURY TRUCKS

1997-95	Aerostar 4 W/D	185/257	
1994-86	Aerostar 4 W/D	190/260	
2007	Escape, Mariner 2 W/D	221/300	
2007	Escape, Mariner 4 W/D	221/300	
2007-04	Escape, Mariner	221/300	
2003-01	Escape	214/290	
2002-97	Expedition 4 W/D	221/300	
2007-06	Explorer, Mountaineer 4 W/D	148/200	
2005-02	Explorer, Mountaineer 4 W/D	184/250	203/275
2001	Explorer, Mountaineer 4 W/D	184/250	
2000-97	Explorer, Mountaineer 4 W/D	184/250	
1996-95	Explorer 4 W/D	195/270	
2003-01	Explorer Sport & Sport-Trac 4 W/D	184/250	
2003-97	F150 Pickup 4 W/D	221/300	
1998-97	F250 LD Pickup 4 W/D	221/300	
2007	Ranger 4 W/D	162/220	
2006	Ranger 4 W/D	184/250	
2005-01	Ranger 4 W/D	162/220	

HONDA

2007-03	Accord 2.4L A/T		134/181
2007-03	Accord 2.4L M/T		134/181
2007-03	Accord 3.0L		134/181
2002-90	Accord	181/245	134/181
1989-86	Accord	134/181	134/181
1985-83	Accord	137/190	
2006-84	Civic		134/181
2006-97	CR-V		134/181
1991-84	CRX		134/181
1997-93	del Sol		134/181
2004-95	Odyssey		181/245
2001-92	Prelude		134/181
1989-83	Prelude	134/181	
1982-80	Prelude	108/150	

HYUNDAI

2005-01	Accent		147/200
2000-95	Accent		147/200
2006-01	Elantra		170/230
2000-98	Elantra		158/215
1997-96	Elantra		148/200
2007-01	Santa Fe		170/230
2007-02	Sonata		177/240
2001-95	Sonata		167/226
2007-03	Tiburon 2.0L		170/230
2007-03	Tiburon 2.7L		170/230
2007	Tucson 2 W/D		170/230
2006-05	Tucson		170/230
2001	XG300		170/230
2005-02	XG350		170/230

HUMMER

2007-03	H2	173/235	
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INFINITI

2001-00	I30		163/221
1999-96	I30		163/221
2004-02	I35		163/221
ISUZU			
2007-03	Ascender 4 W/D	103/140	
2000-97	Hombre 4 W/D	103/140	
1999-96	Oasis		134/185
JEEP TRUCKS			
2001-96	Cherokee	175/237	
1995-84	Cherokee 4 W/D	175/237	
1992-86	Comanche 4 W/D	175/237	
2007-06	Commander	100/135	
2007-05	Grand Cherokee	100/135	
2004-93	Grand Cherokee	175/237	
1993	Grand Wagoneer	175/237	
2007-02	Liberty 4 W/D	100/135	
2006-87	Wrangler	175/237	
KIA			
2007-02	Sedona	188/255	
2001-97	Sephia		180/244
2006-03	Sorento	192/260	
2007-01	Spectra, Spectra5		180/244
2007-05	Sportage		170/230
LEXUS			
1991-90	ES250	137/186	90/123
2007	ES350	217/294	
2006-04	ES330	217/294	
2003-92	ES300	217/294	
2007-03	GX470	173/235	
2007	RX350 4 W/D		217/294
2007	RX400H 4 W/D		217/294
2003-99	RX300 2 W/D	217/294	
2003-99	RX300 4 W/D	217/294	159/216
LINCOLN			
2005-03	Aviator	184/250	203/275
2002-99	Continental	184/250	221/300
1998-88	Continental	190/258	221/300
1998-93	Mark VIII	221/300	
2002-98	Navigator 4 W/D	221/300	
2002-91	Town Car	221/300	
MAZDA			
1994-90	323		152/206
2002-93	626, MX-6		152/206
1995-92	929, Serenia	152/206	
1991-88	929	100/138	
2007-01	B3000Pickup 4 W/D	162/220	
2007-01	B4000Pickup 4 W/D	162/220	
2002-95	Millenia		152/206
1998-89	MPV 2 W/D	152/206	
1995-92	MX-3, Precidia		152/206
2003-90	Protégé		152/206
1995-93	RX-7	152/206	
MERCURY - See FORD/MERCURY			
MITSUBISHI			
1999-91	3000GT FWD		166/225
1996-92	Diamante		166/225
2007-00	Eclipse	167/226	
1999-95	Eclipse 4 W/D	167/226	166/225
1999-95	Eclipse FWD	167/226	
2007-94	Galant	167/226	
2001-93	Mirage		130/180
2006-04	Montero	148/200	
2003-01	Montero	188/255	
2007-06	Raider	185/251	
NISSAN/DATSUN			
1998-95	200SX		163/221

2001-93	Altima		163/221
2003-00	Maxima		163/221
1999-89	Maxima		163/221
2002-93	Quest		178/240
2006	Sentra		163/221
2005-02	Sentra 1.8L		163/221
2005-02	Sentra 2.5L		163/221
2001-87	Sentra		163/221

OLDSMOBILE

1999-98	88	118/160	
1997-92	88	107/145	
1991-86	88	185/260	
1996-92	98	107/145	
1991-85	98	185/260	
1998	Achieva	74/100[2]	
1997-92	Achieva	185/260	
2004-99	Alero	[4]	
2003-01	Aurora	118/160	
1999-98	Aurora	118/160	
1997-95	Aurora	107/145	
2004-97	Bravada	103/140	
1996-91	Bravada	181/245	
1991-85	Calais	185/260	
1996	Ciera, Cruiser	107/145	
1995-92	Ciera, Cruiser	103/140[1]	
1991-83	Ciera, Cruiser	185/260	
1982	Ciera, Cruiser	225/290	
1999-97	Cutlass FWD	284/385	
1997-96	Cutlass Supreme	151/205	
1995-88	Cutlass Supreme	184/250	
1988-82	Firenza	185/260	
2002-01	Intrigue	159/215	
2000-98	Intrigue	118/160	
1984-83	Omega	185/260	
1982-80	Omega	225/290	
2004-02	Silhouette	118/160	192/260
2001-98	Silhouette	118/160	
1997	Silhouette	151/205	
1996-95	Silhouette	104/145	
1994-90	Silhouette	185/260	
1992-86	Toronado	183/248	
1985-80	Toronado	175/240	
1992-88	Trofeo	183/248	

PLYMOUTH - See DODGE/PLYMOUTH

PLYMOUTH TRUCKS - See DODGE/PLYMOUTH TRUCKS

PONTIAC

1991-83	6000	185/260	
1982	6000	225/290	
2006-01	Aztec	192/260	192/260
2005-98	Bonneville	118/160	
1997-92	Bonneville	107/145	
1991-87	Bonneville	185/260	
2005-99	Grand Am	[4]	
1998	Grand Am	74/100[2]	
1997-85	Grand Am	185/260	
2007-98	Grand Prix	118/160	
1997-95	Grand Prix	151/205	
1994-88	Grand Prix	184/250	
2007	G5	155/210	
2007-05	G6	159/215	
1982	J2000	185/260	
2007	Montana SV6	118/160	
2006-02	Montana, Montana SV6	118/160	192/260
2001-99	Montana	118/160	
1984-83	Phoenix	185/260	

1982-80	Phoenix	225/290	
1994-84	Sunbird	185/260	
2005-02	Sunfire	148/200	
2001-98	Sunfire	144/195	
1997-95	Sunfire	185/260	
1991-87	Tempest	185/260	
2007	Torrent	151/205	151/205
2006	Torrent	151/205	81/110
1999-97	Trans Sport	118/160	
1996-95	Trans Sport	104/145	
1994-90	Trans Sport	185/260	
SAAB			
2006-05	9-2	162/220	
2007-03	9-3	170/230	
SATURN			
2007	Aura	159/215	
2007-04	ION	155/210	
2003	ION	81/110	
2006	Relay AWD	118/160	192/260
2007-06	Relay FWD	118/160	
2002-91	S Series	148/200	
2007-02	Vue FWD	151/205	
2007	Vue AWD	151/205	63/85[7]
2006-02	Vue AWD	151/205	81/110
SUBARU			
2007-04	Legacy, Outback		177/240
SUZUKI			
2006-99	Grand Vitara	156/216	
2004-99	Vitara	156/216	
2006-04	XL-7	157/216	
TOYOTA			
2007	4-Runner 4 W/D	217/294	
2006-96	4-Runner 4 W/D	174/235	
2007-95	Avalon w/ABS	217/294	
2007-95	Avalon w/o ABS	217/294	90/123
2007-92	Camry w/ABS	217/294	
2007-92	Camry w/o ABS	217/294	90/123
1991-87	Camry 4 W/D	137/186	137/187
1991-87	Camry FWD	137/186	90/123
1986-83	Camry	137/186	
2007-99	Camry Solara	217/294	
2002-98	Corolla	166/225	
1997-93	Corolla	159/216	
2007	FJ Cruiser 4 W/D	174/235	
2007-01	Highlander 4 W/D		217/294
2006-98	RAV4 4 W/D		159/216
1997	RAV4 4 W/D, 2 W/D		159/216
1996	RAV4		152/206
2007-98	Sienna	217/294	
VOLKSWAGEN			
2006-99	Golf		129/175
2006-99	Jetta		129/175
2006-98	New Beetle		129/175
VOLVO			
1997-93	850	89/120[8]	
2006-98	C70	89/120[8]	
2006-00	S40, V40		89/120[8]
2006-01	S60	37/50	
2000-98	S70, V70	89/120[8]	
2006-01	V70	26/35[9]	
2000-99	S80	37/50	
2007	S80	33/45[10]	
2006-01	S80	26/35[9]	

[1] After tightening to this value, turn an additional 20°.

[2] After tightening to this value, turn an additional 40°.

- [3] Soft ride & sport suspension, 118 ft-lbs/160 Nm;heavy duty suspension, 170 ft-lbs/230 Nm.
- [4] First design nut (Pac-style nut painted black) 284 ft-lbs/385 Nm;second design nut (solid gray nut), 173 ft-lbs/235 Nm.
- [5] Tighten nut to specified value and tighten further to align cotter pin with hole.
- [6] Install and tighten new front axle wheel end nut to specification in a continuous rotation.
Stopping the rotation during installation will cause the nylon lock to seat incorrectly.
- [7] Then turn additional 36°.
- [8] After tightening to specification, turn an additional 60°.
- [9] After tightening to this value, turn an additional 90°.
- [10] Then turn additional 80°.