

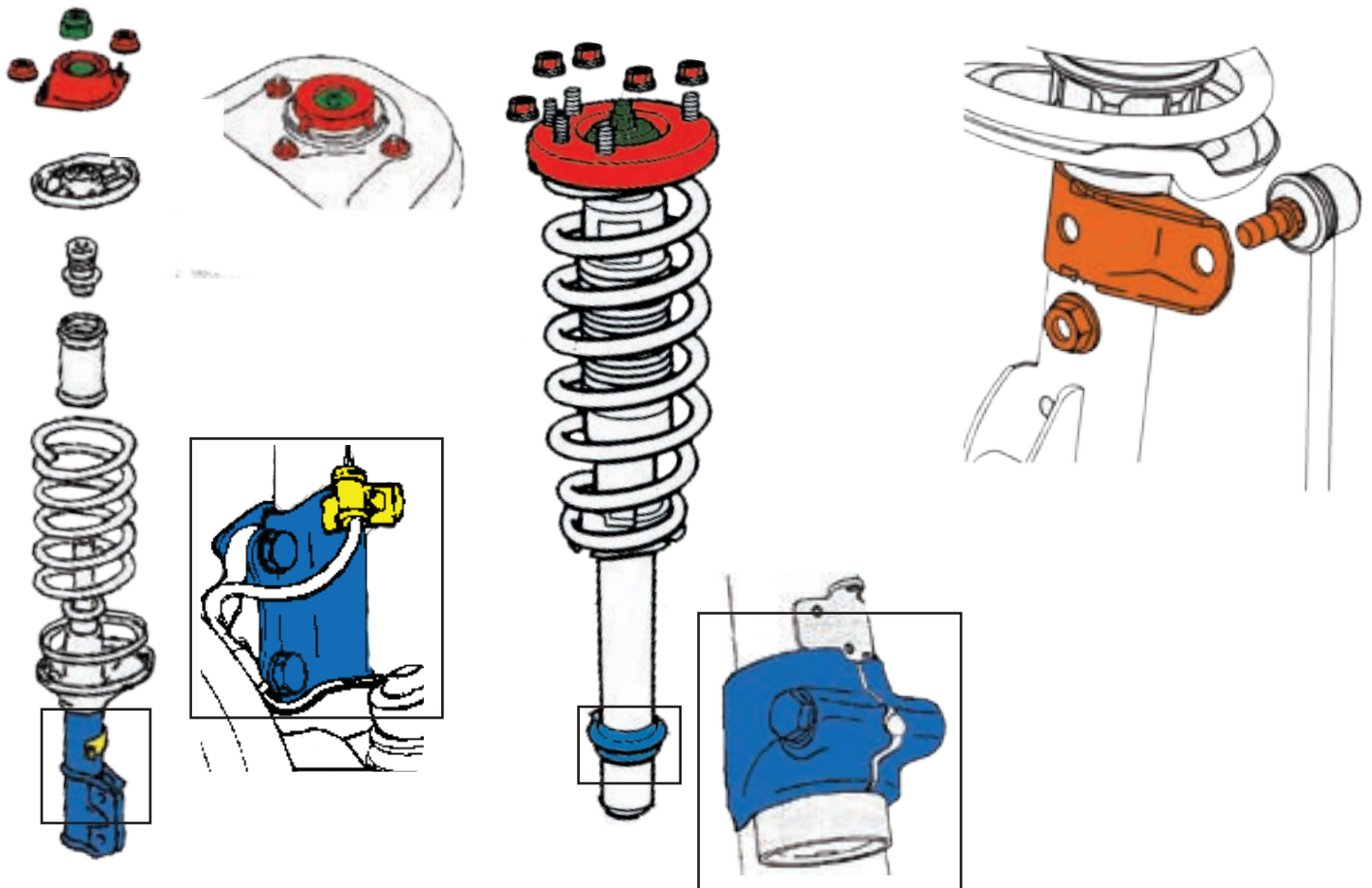


# Fastener Torque Quick Reference

Proper torque is important in any automotive application, but especially so regarding suspension and steering. The proper torque values keep your wheels on the car, your brakes stopping the vehicle and allows the suspension to handle the transfer of energy from every day driving. Assembling your suspension system without confirming the proper torque on the main components is not only the incorrect way to assemble these parts, its very dangerous. For this reason we have researched and cataloged the torque values given by the manufacturer for re-assembling any parts that you may have had to loosen or remove to install your new Unity Complete Strut Assembly. These values are presented in the best intentions and have been verified with the manufacturer, but we still recommend you consult your vehicle's manufacturer or a certified mechanic to ensure your components are torqued to the correct values.

We manufacture many different types of strut assemblies. There are several common features to each assembly, but there are some differences as well. Please reference the color codes to determine which fastener's torque value you need in the following pages.

	Strut assembly upper mounting bolts		Strut assembly lower mounting bolts / Pinch Bolt
	Top Mount Retainer Nut (Factory Torqued)		Stabilizer Bar Linkage
	Brake Line Tab Attaching Nut		



# UNITY

## STRUT ASSEMBLY

Part #	Upper Mounting Bolts	Lower Mounting Bolts	Sway Bar	Brake Line Tab	Wheel Lug Nut
11010	35 Nm / 26 Ft-lb	133 Nm / 98 ft-lb	90 Nm / 59 Ft-lb	15 Nm / 11 Ft-lb	129 Nm / 95 Ft-lb
11020	33 Nm / 24 Ft-lb	122 Nm / 90 Ft-lb	23 Nm / 17 Ft-lb	N/A	135 Nm / 100 Ft-lb
11030	35 Nm / 26 Ft-lb	115 Nm / 85 Ft-lb	90 Nm / 66 Ft-lb	5 Nm / 44 Ft-in	135 Nm / 100 Ft-lb
11040	24 Nm / 18 Ft-lb	195 Nm / 144 Ft-lb	18 Nm / 13 Ft-lb	13 Nm / 9 Ft-lb	135 Nm / 100 Ft-lb
11041	28 Nm / 21 Ft-lb	88 Nm / 65 Ft-lb	88 Nm / 65 Ft-lb	1.35 NM / 1.05 Ft-lb	110 - 135 Nm / 85 - 115 Ft-lb
11042	28 Nm / 21 Ft-lb	88 Nm / 65 Ft-lb	88 Nm / 65 Ft-lb	1.35 NM / 1.05 Ft-lb	110 - 135 Nm / 85 - 115 Ft-lb
11050	24 Nm / 18 Ft-lb	88 Nm / 65 Ft-lb	18 Nm / 13 Ft-lb	18 Nm / 13 Ft-lb	135 Nm / 100 Ft-lb
11061	24 Nm / 18 Ft-lb	50 Nm / 37 Ft-lb	50 Nm / 37 Ft-lb	4 Nm / 35 Ft-in	129 Nm / 95 Ft-lb
11062	24 Nm / 18 Ft-lb	50 Nm / 37 Ft-lb	50 Nm / 37 Ft-lb	4 Nm / 35 Ft-in	129 Nm / 95 Ft-lb
11071	28Nm / 21 Ft-lb	81 Nm / 60 ft-lb + 90°	88 Nm / 65 Ft-lb	4 Nm / 35 Ft-in	135 Nm / 100 Ft-lb
11072	28Nm / 21 Ft-lb	81 Nm / 60 ft-lb + 90°	88 Nm / 65 Ft-lb	4 Nm / 35 Ft-in	135 Nm / 100 Ft-lb
11074	28 Nm / 19 Ft-lb	163 Nm / 120 Ft-lb	29 Nm / 22 Ft-lb	12 Nm / 104 Ft-in	135 Nm / 100 Ft-lb
11081	64 Nm / 47 Ft-lb	135 Nm / 101 Ft-lb	29 Nm / 22 Ft-lb	6 Nm / 55 Ft-in	110 Nm / 83 Ft-lb
11082	64 Nm / 47 Ft-lb	135 Nm / 101 Ft-lb	29 Nm / 22 Ft-lb	6 Nm / 55 Ft-in	110 Nm / 83 Ft-lb
11091	29 Nm / 22 Ft-lb	88 Nm / 65 Ft-lb	39 Nm / 29 Ft-lb	4 Nm / 35 Ft-in	110 Nm / 83 Ft-lb
11092	29 Nm / 22 Ft-lb	88 Nm / 65 Ft-lb	39 Nm / 29 Ft-lb	4 Nm / 35 Ft-in	110 Nm / 83 Ft-lb
11100	24 Nm / 18 Ft-lb	60 Nm / 41 Ft-lb	15 Nm / 11 Ft-lb	10 Nm / 7 Ft-lb	100 Nm / 128 Ft-lb
11110	24 Nm / 18 Ft-lb	180 Nm / 133 Ft-lb	17 Nm / 13 Ft-lb + 90°	5 Nm / 44 Ft-in	135 Nm / 100 Ft-lb
11114	40 - 50 Nm / 30 - 36 Ft-lb	133 Nm / 98 ft-lb	35 - 45 Nm / 26 - 33 Ft-lb	7 Nm / 46 Ft-in	90 - 110 Nm / 67 - 81 Ft-lb
11120	29 - 40 Nm / 22 - 30 Ft-lb	122 Nm / 90 Ft-lb	Tighten nut until threads are exposed above the nut 17-19 mm (0.67-0.75 inch)	6 Nm / 55 Ft-in	Alloy : 100 - 135 Nm / 74 - 100 Ft-lbs Steel : 89 - 117 Nm / 66 - 86.7 Ft-lbs
11121	28Nm / 21 Ft-lb	81 Nm / 60 ft-lb + 90°	88 Nm / 65 Ft-lb	4 Nm / 35 Ft-in	135 Nm / 100 Ft-lb
11122	28Nm / 21 Ft-lb	81 Nm / 60 ft-lb + 90°	88 Nm / 65 Ft-lb	4 Nm / 35 Ft-in	135 Nm / 100 Ft-lb
11130	33 Nm / 24 Ft-lb	120 Nm / 89 Ft-lb	23 Nm / 17 Ft-lb	10 Nm / 7 Ft-in	135 Nm / 100 Ft-lb
11140	38 Nm / 28 Ft-lb	43 Nm / 32 Ft-lb	22 Nm / 16 Ft-lb	5 Nm / 44 Ft-in	129 Nm / 95 Ft-lb
11144	38 Nm / 28 Ft-lb	43 Nm / 32 Ft-lb	22 Nm / 16 Ft-lb	5 Nm / 44 Ft-in	108 NM / 80 Ft-lb
11150	24 Nm / 18 Ft-lb	88 Nm / 65 Ft-lb	18 Nm / 13 Ft-lb	18 Nm / 13 Ft-lb	135 Nm / 100 Ft-lb
11151	39 Nm / 29 Ft-lb	147 Nm / 37 Ft-lb	44 Nm / 33 Ft-lb	5.5 Nm / 49 Ft-in	103 Nm / 76 Ft-lb
11152	39 Nm / 29 Ft-lb	147 Nm / 37 Ft-lb	44 Nm / 33 Ft-lb	5.5 Nm / 49 Ft-in	103 Nm / 76 Ft-lb
11160	239 Nm / 29 Ft-lb	347 Nm / 256 Ft-lb	24 Nm / 18 Ft-lb	5 Nm / 44 Ft-in	135 Nm / 100 Ft-lb
11161	37 Nm / 28 Ft-lb	170 Nm / 125 Ft-lb	11 Nm / 8 Ft-lb	4 Nm / 35 Ft-in	109 - 150 Nm / 80 - 110 Ft-lb
11162	37 Nm / 28 Ft-lb	170 Nm / 125 Ft-lb	11 Nm / 8 Ft-lb	4 Nm / 35 Ft-in	109 - 150 Nm / 80 - 110 Ft-lb
11170	43 Nm / 32 Ft-lb	64 Nm / 47 Ft-lb	22 Nm / 16 Ft-lb	9 Nm / 65 Ft-in	110 Nm / 83 Ft-lb
11171	37 Nm / 28 Ft-lb	196 Nm / 150 Ft-lb	88 Nm / 70 Ft-lb	6 Nm / 55 Ft-in	90 - 110 Nm / 67 - 81 Ft-lb
11172	37 Nm / 28 Ft-lb	196 Nm / 150 Ft-lb	88 Nm / 70 Ft-lb	6 Nm / 55 Ft-in	90 - 110 Nm / 67 - 81 Ft-lb
11180	42 Nm / 33 Ft-lb	60 Nm / 41 Ft-lb	95 Nm / 74 Ft-lb	8 Nm / 48 Ft-in	135 Nm / 100 Ft-lb
11181	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11182	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11200	30 Nm / 22 Ft-lb	350 Nm / 258 Ft-lb	25 Nm / 18 Ft-lb	18 Nm / 13 Ft-in	135 Nm / 100 Ft-lb



Part #	Upper Mounting Bolts	Lower Mounting Bolts	Sway Bar	Brake Line Tab	Wheel Lug Nut
11201	108 Nm / 80 Ft-lb	170 Nm / 125 Ft-lb	115 Nm / 80 Ft-lb	13.5 Nm / 10 Ft-in	135 Nm / 100 Ft-lb
11202	108 Nm / 80 Ft-lb	170 Nm / 125 Ft-lb	115 Nm / 80 Ft-lb	13.5 Nm / 10 Ft-in	135 Nm / 100 Ft-lb
11204	48 Nm / 35 Ft-lb	475 Nm / 351 Ft-lb	48 Nm / 35 Ft-lb	18 Nm / 13 Ft-in	135 Nm / 100 Ft-lb
11206	48 Nm / 35 Ft-lb	475 Nm / 351 Ft-lb	48 Nm / 35 Ft-lb	18 Nm / 13 Ft-in	135 Nm / 100 Ft-lb
11210	39 Nm / 29 Ft-lb	120 Nm / 89 Ft-lb	44 Nm / 33 Ft-lb	4 Nm / 35 Ft-in	129 Nm / 95 Ft-lb
11220	37 Nm / 50 Ft-lb	170 Nm / 125 Ft-lb	N/A	8 Nm / 48 Ft-in	135 Nm / 100 Ft-lb
11231	38 Nm / 28 Ft-lb	54 Nm / 40 Ft-lb	13 Nm / 8 Ft-lb	4 Nm / 35 Ft-in	108 Nm / 80 Ft-lb
11232	38 Nm / 28 Ft-lb	54 Nm / 40 Ft-lb	13 Nm / 8 Ft-lb	4 Nm / 35 Ft-in	108 Nm / 80 Ft-lb
11240	34 Nm / 26 Ft-lb	54 Nm / 40 Ft-lb +90°	28 Nm / 21 Ft-lb	13.5 Nm / 10 Ft-in	109 - 150 Nm / 80 - 110 Ft-lb
11250	24 Nm / 18 Ft-lb	190 Nm / 140 Ft-lb	45 Nm / 35 Ft-lb	9 Nm / 65 Ft-in	108 Nm / 80 Ft-lb
11281	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11282	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11300	31 Nm / 22 Ft-lb	135 Nm / 99 Ft-lb	86 Nm / 62 Ft-lb	12 Nm / 10 Ft-in	103 Nm / 76 Ft-lb
11304	40 Nm / 30 Ft-lb	115 Nm / 85 Ft-lb	80 Nm / 59 Ft-lb	N/A	204 Nm / 150 Ft-lb
11306	40 Nm / 30 Ft-lb	115 Nm / 85 Ft-lb	80 Nm / 59 Ft-lb	N/A	204 Nm / 150 Ft-lb
11310	29-36 Nm / 23-29 Ft-lb	95 - 125 Nm / 73 - 97 Ft-lb	90 - 95 Nm / 57-75 Ft-lb	4 Nm / 35 Ft-in	85 Nm - 105 Ft-lb
11330	59 Nm / 43 Ft-lb	113 Nm / 83 ft-lb	90 Nm / 59 Ft-lb	4 Nm / 35 Ft-in	103 Nm - 76 Ft-lb
11340	29 - 40 Nm / 22 - 30 Ft-lb	93 - 127 Nm / 69 -93 Ft-lb	Tighten nut until threads are exposed above the nut 17-19 mm (0.67-0.75 inch)	4 Nm / 35 Ft-in	88-118 Nm - 65-87 Ft-lb
11350	34 Nm / 26 Ft-lb	53 Nm / 40 Ft-lb	48 Nm / 35 Ft-lb	13 Nm / 120 Ft-in	135 Nm - 100 Ft-lb
11360	47 Nm / 35 Ft-lb	147 Nm / 108 Ft-lb	17 Nm / 13 Ft-lb	18 Nm / 13 Ft-in	140 Nm - 102 Ft-lb
11371	24 - 34Nm / 18 - 26 Ft-lb	129 Nm / 95 Ft-lb	48 Nm / 35 Ft-lb	29 Nm / 22 Ft-in	129 Nm / 95 Ft-lb
11372	24 - 34Nm / 18 - 26 Ft-lb	129 Nm / 95 Ft-lb	48 Nm / 35 Ft-lb	29 Nm / 22 Ft-in	129 Nm / 95 Ft-lb
11380	35 Nm / 26 Ft-lb	400 Nm / 295 Ft-lb	55 Nm / 41 Ft-lb	12- 18 Nm / 9 - 13 Ft-in	204 Nm / 150 Ft-lb
11391	59 - 78 Nm / 43 - 53 Ft-lb	100 - 129 Nm / 82 - 91 Ft-lb	31 - 42 Nm / 22 - 29 Ft-lb	9 Nm / 65 Ft-in	103 - 118 Nm - 72 - 87 Ft-lb
11392	59 - 78 Nm / 43 - 53 Ft-lb	100 - 129 Nm / 82 - 91 Ft-lb	31 - 42 Nm / 22 - 29 Ft-lb	9 Nm / 65 Ft-in	103 - 118 Nm - 72 - 87 Ft-lb
11400	22 - 28 Nm / 16 -18 Ft-lb	48 Nm / 32 ft-lb	13 Nm / 8 Ft-lb	10 Nm / 7 Ft-lb	110 Nm / 80 Ft-lb
11410	60Nm / 44 Ft-lb	95 Nm / 70 Ft-lb	25 Nm / 18 Ft-lb	9 Nm / 65 Ft-in	110 Nm / 80 Ft-lb
11420	24 Nm / 18 Ft-lb	195 Nm / 144 Ft-lb	N/A	17 Nm / 13 Ft-lb	103 Nm / 76 Ft-lb
11431	39 - 54 Nm / 29 - 40 Ft-lb	140 - 159 Nm / 103 - 117 Ft-lb	16 - 22 Nm / 12 - 16 Ft-lb	9 Nm / 65 Ft-in	103 - 118 Nm - 72 - 87 Ft-lb
11432	39 - 54 Nm / 29 - 40 Ft-lb	140 - 159 Nm / 103 - 117 Ft-lb	16 - 22 Nm / 12 - 16 Ft-lb	9 Nm / 65 Ft-in	103 - 118 Nm - 72 - 87 Ft-lb
11441	40 Nm / 30 Ft-lb	275 Nm / 6203 Ft-lb	N/A	48 Ft-lb	103 Nm - 76 Ft-lb
11442	40 Nm / 30 Ft-lb	275 Nm / 6203 Ft-lb	N/A	48 Ft-lb	103 Nm - 76 Ft-lb
11450	47 Nm / 35 Ft-lb	185 Nm / 136 Ft-lb	17 Nm / 13 Ft-lb	17 Nm / 13 Ft-lb	140 Nm - 100 Ft-lb
11461	24 Nm / 18 Ft-lb	95 Nm / 95 Ft-lb + 90°	59 Nm / 43 Ft-lb	10 Nm / 7 Ft-lb	129 Nm / 95 Ft-lb
11462	24 Nm / 18 Ft-lb	95 Nm / 95 Ft-lb + 90°	59 Nm / 43 Ft-lb	10 Nm / 7 Ft-lb	129 Nm / 95 Ft-lb



# UNITY

## STRUT ASSEMBLY

Part #	Upper Mounting Bolts	Lower Mounting Bolts	Sway Bar	Brake Line Tab	Wheel Lug Nut
11471	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11472	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11481	24 Nm / 18 Ft-lb	180 Nm / 133 Ft-lb	17 Nm / 13 Ft-lb	18 Nm / 13 Ft-lb	135 Nm - 100 Ft-lb
11482	24 Nm / 18 Ft-lb	180 Nm / 133 Ft-lb	17 Nm / 13 Ft-lb	18 Nm / 13 Ft-lb	135 Nm - 100 Ft-lb
11490	24 Nm / 18 Ft-lb	55 Nm / 41 Ft-lb	48 Nm / 35 Ft-lb	18 Nm / 13 Ft-lb	135 Nm - 100 Ft-lb
11500	37 Nm / 28 Ft-lb	196 Nm / 150 Ft-lb	88 Nm / 70 Ft-lb	6 Nm / 55 Ft-in	90 - 110 Nm / 67 - 81 Ft-lb
11511	22 - 31 Nm / 17 - 22 Ft-lb	170 - 230 Nm / 126 - 169 Ft-lb To prevent front suspension lower arm strut bushing wind up, and premature failure, lower shock nut must be tightened with vehicle weight on wheels.	40 - 55 Nm / 30 - 40 Ft-lb	11 - 13 Nm / 8 - 9 Ft-lbs	115 - 142 Nm / 85 - 104 Ft-lb
11512	22 - 31 Nm / 17 - 22 Ft-lb	170 - 230 Nm / 126 - 169 Ft-lb To prevent front suspension lower arm strut bushing wind up, and premature failure, lower shock nut must be tightened with vehicle weight on wheels.	40 - 55 Nm / 30 - 40 Ft-lb	11 - 13 Nm / 8 - 9 Ft-lbs	115 - 142 Nm / 85 - 104 Ft-lb
11521	27 Nm / 20 Ft-lb	61 Nm / 45 ft-lb	55 Nm / 50 Ft-lb	6 Nm / 55 Ft-in	129 Nm / 95 Ft-lb
11522	27 Nm / 20 Ft-lb	61 Nm / 45 ft-lb	55 Nm / 50 Ft-lb	6 Nm / 55 Ft-in	129 Nm / 95 Ft-lb
11531	28 Nm / 19 Ft-lb	185 Nm / 136 Ft-lb	90 Nm / 59 Ft-lb	18 Nm / 13 Ft-lb	135 Nm - 100 Ft-lb
11532	28 Nm / 19 Ft-lb	185 Nm / 136 Ft-lb	90 Nm / 59 Ft-lb	18 Nm / 13 Ft-lb	135 Nm - 100 Ft-lb
11541	22 - 28 Nm / 16 - 18 Ft-lb	46 Nm / 32 Ft-lb	90 Nm / 59 Ft-lb	7 Nm / 60 Ft-in	110 Nm / 80 Ft-lb
11542	22 - 28 Nm / 16 - 18 Ft-lb	46 Nm / 32 Ft-lb	90 Nm / 59 Ft-lb	7 Nm / 60 Ft-in	110 Nm / 80 Ft-lb
11551	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11552	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11561	64 Nm / 47 Ft-lb	135 Nm / 100 Ft-lb	50 Nm / 37 Ft-lb	8 Nm / 65 Ft-in	110 Nm / 83 Ft-lb
11562	64 Nm / 47 Ft-lb	135 Nm / 100 Ft-lb	50 Nm / 37 Ft-lb	8 Nm / 65 Ft-in	110 Nm / 83 Ft-lb
11563	64 Nm / 47 Ft-lb	135 Nm / 100 Ft-lb	50 Nm / 37 Ft-lb	8 Nm / 65 Ft-in	110 Nm / 83 Ft-lb
11564	64 Nm / 47 Ft-lb	135 Nm / 100 Ft-lb	50 Nm / 37 Ft-lb	8 Nm / 65 Ft-in	110 Nm / 83 Ft-lb
11571	25 - 29 Nm / 18 - 22 Ft-lb	114 - 133 Nm / 84 - 98 Ft-lb	46 - 52 Nm / 34 - 38 Ft-lb	7 Nm / 35 Ft-in	103 Nm - 76 Ft-lb
11572	25 - 29 Nm / 18 - 22 Ft-lb	114 - 133 Nm / 84 - 98 Ft-lb	46 - 52 Nm / 34 - 38 Ft-lb	7 Nm / 35 Ft-in	103 Nm - 76 Ft-lb
11580	50 Nm / 37 Ft-lb	80 Nm / 59 Ft-lb	23 Nm / 17 Ft-lb	9 Nm / 80 Ft-in	140 Nm - 100 Ft-lb
11590	50 Nm / 37 Ft-lb	80 Nm / 59 Ft-lb	23 Nm / 17 Ft-lb	9 Nm / 80 Ft-in	140 Nm - 100 Ft-lb
11591	80 Nm / 59 Ft-lb	126 - 155 Nm / 93 - 114 Ft-lb	55 Nm / 41 Ft-lb	10 Nm / 7 Ft-lb	110 Nm / 80 Ft-lb
11592	80 Nm / 59 Ft-lb	126 - 155 Nm / 93 - 114 Ft-lb	55 Nm / 41 Ft-lb	10 Nm / 7 Ft-lb	110 Nm / 80 Ft-lb
11601	20 Nm / 15 Ft-lb	120Nm / 89 ft-lb	65 Nm / 48 Ft-lb	4 Nm / 35 Ft-in	140 Nm - 100 Ft-lb
11602	20 Nm / 15 Ft-lb	120Nm / 89 ft-lb	65 Nm / 48 Ft-lb	4 Nm / 35 Ft-in	140 Nm - 100 Ft-lb
11610	61 Nm / 45 Ft-lb	210 Nm / 155 Ft-lb	27 Nm / 20 Ft-lb	8 Nm / 65 Ft-in	260 Nm - 130 Ft-lb



Part #	Upper Mounting Bolts	Lower Mounting Bolts	Sway Bar	Brake Line Tab	Wheel Lug Nut
11621	47 Nm / 35 Ft-lb	115 Nm / 85 Ft-lb	63 Nm / 46 Ft-lb	9 Nm / 80 Ft-in	135 Nm - 100 Ft-lb
11622	47 Nm / 35 Ft-lb	115 Nm / 85 Ft-lb	63 Nm / 46 Ft-lb	9 Nm / 80 Ft-in	135 Nm - 100 Ft-lb
11631	59 Nm / 43 Ft-lb	103 Nm / 76 Ft-lb	23 Nm / 17 Ft-lb	22 Nm / 16 Ft-lb	108 Nm - 80 Ft-lb
11632	59 Nm / 43 Ft-lb	103 Nm / 76 Ft-lb	23 Nm / 17 Ft-lb	22 Nm / 16 Ft-lb	108 Nm - 80 Ft-lb
11641	59 Nm / 43 Ft-lb	103 Nm / 76 Ft-lb	23 Nm / 17 Ft-lb	22 Nm / 16 Ft-lb	108 Nm - 80 Ft-lb
11642	59 Nm / 43 Ft-lb	103 Nm / 76 Ft-lb	23 Nm / 17 Ft-lb	22 Nm / 16 Ft-lb	108 Nm - 80 Ft-lb
11661	69Nm / 51 Ft-lb	157 Nm / 116 ft-lb	78 Nm / 58 Ft-lb	22 Nm / 16 Ft-lb	108 Nm - 80 Ft-lb
11662	69Nm / 51 Ft-lb	157 Nm / 116 ft-lb	78 Nm / 58 Ft-lb	22 Nm / 16 Ft-lb	108 Nm - 80 Ft-lb
11665	59 Nm / 43 Ft-lb	43 Nm / 32 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
11666	59 Nm / 43 Ft-lb	43 Nm / 32 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
11667	59 Nm / 43 Ft-lb	43 Nm / 32 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
11668	59 Nm / 43 Ft-lb	43 Nm / 32 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
11671	25 Nm / 18 Ft-lb	120 Nm / 89 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	140 Nm - 100 Ft-lb
11672	25 Nm / 18 Ft-lb	120 Nm / 89 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	140 Nm - 100 Ft-lb
11681	20 Nm / 15 Ft-lb	80 Nm / 59 Ft-lb	23 Nm / 17 Ft-lb	8 Nm / 65 Ft-in	88 - 118 Nm - 65 - 87 Ft-lb
11682	20 Nm / 15 Ft-lb	80 Nm / 59 Ft-lb	23 Nm / 17 Ft-lb	8 Nm / 65 Ft-in	88 - 118 Nm - 65 - 87 Ft-lb
11701	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11702	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11711	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11712	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11741	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11742	80 Nm / 59 Ft-lb	211 Nm / 156 Ft-lb	90 Nm / 59 Ft-lb	29 Nm / 22 Ft-in	103 Nm / 76 Ft-lb
11751	39 Nm / 29 Ft-lb	153 Nm / 113 Ft-lb	74 Nm / 54 Ft-lb	10 Nm / 7 Ft-lb	103 Nm / 76 Ft-lb
11752	39 Nm / 29 Ft-lb	153 Nm / 113 Ft-lb	74 Nm / 54 Ft-lb	10 Nm / 7 Ft-lb	103 Nm / 76 Ft-lb
11800	30 Nm / 22 Ft-lb	235 Nm / 173 ft-lb	63 Nm / 46 Ft-lb	10 Nm / 7 Ft-lb	135 Nm - 100 Ft-lb
11871	22 - 50 Nm / 16 - 37 Ft-lb	43 Nm / 32 Ft-lb	38 Nm / 28Ft-lb	9 Nm / 80 Ft-in	108 Nm - 80 Ft-lb
11872	22 - 50 Nm / 16 - 37 Ft-lb	43 Nm / 32 Ft-lb	38 Nm / 28Ft-lb	9 Nm / 80 Ft-in	108 Nm - 80 Ft-lb
11881	45 Nm / 34 Ft-lb	90 Nm / 60 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	140 Nm - 103 Ft-lb
11882	45 Nm / 34 Ft-lb	90 Nm / 60 Ft-lb	65 Nm / 48 Ft-lb	10 Nm / 7 Ft-lb	140 Nm - 103 Ft-lb
11890	30 Nm / 22 Ft-lb	200 Nm / 148 Ft-lb	35 Nm / 26 Ft-lb	8 Nm / 71 Ft-in	135 Nm - 100 Ft-lb
11900	40 Nm / 30 Ft-lb	550 Nm / 406 Ft-lb	80 Nm / 59 Ft-lb	18 Nm / 159 Ft-in	135 Nm - 100 Ft-lb
11921	24 Nm / 18 Ft-lb	50 Nm / 37 Ft-lb	90 Nm / 59 Ft-lb	19 Nm / 14 Ft-lb	Alloy: 131 Nm / 97 Ft-lb Steel: 209 Nm / 154 Ft-lb
11922	24 Nm / 18 Ft-lb	50 Nm / 37 Ft-lb	90 Nm / 59 Ft-lb	19 Nm / 14 Ft-lb	Alloy: 131 Nm / 97 Ft-lb Steel: 209 Nm / 154 Ft-lb
11931	24 Nm / 18 Ft-lb	50 Nm / 37 Ft-lb	90 Nm / 59 Ft-lb	19 Nm / 14 Ft-lb	Alloy: 131 Nm / 97 Ft-lb Steel: 209 Nm / 154 Ft-lb
11932	24 Nm / 18 Ft-lb	50 Nm / 37 Ft-lb	90 Nm / 59 Ft-lb	19 Nm / 14 Ft-lb	Alloy: 131 Nm / 97 Ft-lb Steel: 209 Nm / 154 Ft-lb
11941	59 - 88 Nm / 44-65 Ft-lb	132 - 158 Nm / 97 - 117 Ft-lb	50 - 59 Nm / 34 -44 Ft-lb	8 Nm / 71 Ft-in	98 - 117 Nm / 73 - 86 Ft-lb
11942	59 - 88 Nm / 44-65 Ft-lb	132 - 158 Nm / 97 - 117 Ft-lb	50 - 59 Nm / 34 -44 Ft-lb	8 Nm / 71 Ft-in	98 - 117 Nm / 73 - 86 Ft-lb
11943	59 - 88 Nm / 44-65 Ft-lb	132 - 158 Nm / 97 - 117 Ft-lb	50 - 59 Nm / 34 -44 Ft-lb	8 Nm / 71 Ft-in	98 - 117 Nm / 73 - 86 Ft-lb
11944	59 - 88 Nm / 44-65 Ft-lb	132 - 158 Nm / 97 - 117 Ft-lb	50 - 59 Nm / 34 -44 Ft-lb	8 Nm / 71 Ft-in	98 - 117 Nm / 73 - 86 Ft-lb

# UNITY

## STRUT ASSEMBLY

Part #	Upper Mounting Bolts	Lower Mounting Bolts	Sway Bar	Brake Line Tab	Wheel Lug Nut
11950	35 Nm / 26 Ft-lb	200 Nm / 146 Ft-lb	90 Nm / 59 Ft-lb	20 Nm / 15 Ft-lb	133 Nm / 98 Ft-lb
11961	80 Nm / 59 Ft-lb	210 Nm / 155 Ft-lb	39 Nm / 29 Ft-lb	29 Nm / 22 Ft-lb	104 Nm - 77 Ft-lb
11962	80 Nm / 59 Ft-lb	210 Nm / 155 Ft-lb	39 Nm / 29 Ft-lb	10 Nm / 89 Ft-in	104 Nm - 77 Ft-lb
11970	28 Nm / 21 Ft-lb	88 Nm / 65 ft-lb	65 Nm / 48 Ft-lb	8 Nm / 71 Ft-in	135 Nm - 100 Ft-lb
11981	80 Nm / 59 Ft-lb	210 Nm / 155 Ft-lb	39 Nm / 29 Ft-lb	29 Nm / 22 Ft-lb	104 Nm - 77 Ft-lb
11982	80 Nm / 59 Ft-lb	210 Nm / 155 Ft-lb	39 Nm / 29 Ft-lb	10 Nm / 89 Ft-in	104 Nm - 77 Ft-lb
11991	80 Nm / 59 Ft-lb	210 Nm / 155 Ft-lb	39 Nm / 29 Ft-lb	29 Nm / 22 Ft-lb	104 Nm - 77 Ft-lb
11992	80 Nm / 59 Ft-lb	210 Nm / 155 Ft-lb	39 Nm / 29 Ft-lb	10 Nm / 89 Ft-in	104 Nm - 77 Ft-lb
15010	47-62 Nm / 34-46 Ft-lb	103-136 Nm / 76-100 Ft-lb	N/A	4 Nm / 35 Ft-in	Alloy : 100 - 135 Nm / 74 - 100 Ft-lbs Steel : 89 - 117 Nm / 66 - 86.7 Ft-lbs
15020	24 Nm / 18 Ft-lb	213 Nm / 157 Ft-lb	57 Nm / 41 Ft-lb	25 Nm / 18 Ft-in	140 Nm - 102 Ft-lb
15021	45 Nm / 33 Ft-lb	122 Nm / 90 Ft-lb	110 Nm / 81 Ft-lb	N/A	140 Nm - 102 Ft-lb
15022	45 Nm / 33 Ft-lb	122 Nm / 90 Ft-lb	110 Nm / 81 Ft-lb	N/A	140 Nm - 102 Ft-lb
15030	24 Nm / 18 Ft-lb	70 Nm / 51 ft-lb	N/A	N/A	140 Nm - 102 Ft-lb
15031	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15032	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15040	25 - 34 Nm / 19-25 Ft-lb	195 Nm / 144 Ft-lb	7-9 Nm / 5-7 Ft-lb	6-9 Nm / 40-60 Ft-in	115 - 143 Nm / 85 - 105 Ft-lb
15050	29 Nm / 22 Ft-lb	50 Nm / 37 Ft-lb	65 Nm / 48 Ft-lb	22 Nm / 16 Ft-lb	110 Nm / 83 Ft-lb
15051	39 Nm / 29 Ft-lb	142 Nm / 105 Ft-lb	44 Nm / 33 Ft-lb	15 Nm / 11 Ft-lb	103 Nm / 76 Ft-lb
15052	39 Nm / 29 Ft-lb	142 Nm / 105 Ft-lb	44 Nm / 33 Ft-lb	15 Nm / 11 Ft-lb	103 Nm / 76 Ft-lb
15060	30 Nm / 22 Ft-lb	250 Nm / 184 Ft-lb	25 Nm / 18 Ft-lb	12 Nm / 9 Ft-ilb	140 Nm / 100 Ft-lb
15061	45 Nm / 33 Ft-lb	120 Nm / 89 Ft-lb	52 Nm / 38 Ft-lb	27 Nm / 20 Ft-lb	140 Nm / 100 Ft-lb
15062	45 Nm / 33 Ft-lb	120 Nm / 89 Ft-lb	52 Nm / 38 Ft-lb	27 Nm / 20 Ft-lb	140 Nm / 100 Ft-lb
15070	28 Nm / 21 Ft-lb	55 Nm / 40 Ft-lb	23 Nm / 17 Ft-lb	4 Nm / 35 Ft-in	109 - 150 Nm / 80 - 110 Ft-lb
15071	20-25 Nm / 27-33 Ft-lb	80-90 Nm / 59-66 Ft-lb	35-45 Nm / 26-33 Ft-lb	4 Nm / 35 Ft-in	90 - 110 Nm / 66 - 81 Ft-lb
15072	20-25 Nm / 27-33 Ft-lb	80-90 Nm / 59-66 Ft-lb	35-45 Nm / 26-33 Ft-lb	4 Nm / 35 Ft-in	90 - 110 Nm / 66 - 81 Ft-lb
15080	30 Nm / 22 Ft-lb	400 Nm / 350 Ft-lb	90 Nm / 59 Ft-lb	12 Nm / 9 Ft-lb	204 Nm / 150 Ft-lb
15110	24 Nm / 18 Ft-lb	70 Nm / 52 Ft-lb	25 Nm / 18 Ft-lb	12 Nm / 9 Ft-lb	110 Nm / 80 Ft-lb
15120	34 Nm / 25 Ft-lb	54 Nm / 40 Ft-lb +90°	34 Nm / 25 Ft-lb	15 Nm / 11 Ft-lb	109 - 150 Nm / 80 - 110 Ft-lb
15130	25 Nm / 18 Ft-lb	120 Nm / 89 Ft-lb	17 Nm / 13 Ft-lb	12 Nm / 9 Ft-lb	140 Nm / 100 Ft-lb
15141	38 Nm / 28 Ft-lb	50 Nm / 37 Ft-lb	64 Nm / 47 Ft-lb	13 Nm / 9 Ft-lb	108 Nm - 80 Ft-lb
15142	38 Nm / 28 Ft-lb	50 Nm / 37 Ft-lb	64 Nm / 47 Ft-lb	13 Nm / 9 Ft-lb	108 Nm - 80 Ft-lb
15145	29 Nm / 22 Ft-lb	93 Nm / 69 Ft-lb	29 Nm / 22 Ft-lb	13 Nm / 9 Ft-lb	108 Nm - 80 Ft-lb
15146	29 Nm / 22 Ft-lb	93 Nm / 69 Ft-lb	29 Nm / 22 Ft-lb	13 Nm / 9 Ft-lb	108 Nm - 80 Ft-lb
15150	29 Nm / 22 Ft-lb	93 Nm / 69 Ft-lb	29 Nm / 22 Ft-lb	13 Nm / 9 Ft-lb	108 Nm - 80 Ft-lb
15151	28 Nm / 21 Ft-lb	55-80 Nm / 40-65 Ft-lb	20 Nm / 15 Ft-lb	4 Nm / 35 Ft-in	108 Nm - 80 Ft-lb
15152	28 Nm / 21 Ft-lb	55-80 Nm / 40-65 Ft-lb	20 Nm / 15 Ft-lb	4 Nm / 35 Ft-in	108 Nm - 80 Ft-lb
15161	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15162	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb





Part #	Upper Mounting Bolts	Lower Mounting Bolts	Sway Bar	Brake Line Tab	Wheel Lug Nut
15170	25 Nm / 19 Ft-lb	74 Nm / 55 Ft-lb	40 Nm / 30 Ft-lb	9 Nm / 76 Ft-in	140 Nm / 100 Ft-lb
15190	27 Nm / 20 Ft-lb	137 Nm / 101 ft-lb	90 Nm / 59 Ft-lb	27 Nm / 20 Ft-lb	135 Nm - 100 Ft-lb
15200	29-40 Nm / 22-27 Ft-lb	93-127 Nm / 69-93 Ft-lb	90 Nm / 59 Ft-lb	9 Nm / 75 Ft-in	88-118 Nm - 65-87 Ft-lb
15211	39 Nm / 29 Ft-lb	74 Nm / 54 Ft-lb	57 Nm / 41 Ft-lb	10 Nm / 89 Ft-in	140 Nm / 100 Ft-lb
15212	39 Nm / 29 Ft-lb	74 Nm / 54 Ft-lb	57 Nm / 41 Ft-lb	10 Nm / 89 Ft-in	140 Nm / 100 Ft-lb
15220	43 Nm / 32 Ft-lb	64 Nm / 47 Ft-lb	90 Nm / 59 Ft-lb	15 Nm / 11 Ft-in	108 Nm - 80 Ft-lb
15230	29 Nm / 21 Ft-lb	170 Nm / 126 Ft-lb	34 Nm / 25 Ft-lb	15 Nm / 11 Ft-in	140 Nm / 100 Ft-lb
15241	42-54 Nm / 31-40 Ft-lb	118-147 Nm / 87-108 Ft-lb	41-47 Nm / 30-35 Ft-lb	15 Nm / 11 Ft-in	97-117 Nm / 72-87 Ft-lb
15242	42-54 Nm / 31-40 Ft-lb	118-147 Nm / 87-108 Ft-lb	41-47 Nm / 30-35 Ft-lb	15 Nm / 11 Ft-in	97-117 Nm / 72-87 Ft-lb
15250	42-54 Nm / 31-40 Ft-lb	118-147 Nm / 87-108 Ft-lb	41-47 Nm / 30-35 Ft-lb	15 Nm / 11 Ft-in	97-117 Nm / 72-87 Ft-lb
15270	16-19 Nm / 12-14 Ft-lb	98-118 Nm / 72-87 ft-lb	49-59 Nm / 36-43 Ft-lb	16-22 Nm / 12-16 Ft-lb	97-117 Nm / 72-87 Ft-lb
15280	38 Nm / 28 Ft-lb	50 Nm / 37 Ft-lb	64 Nm / 47 Ft-lb	13 Nm / 9 Ft-lb	108 Nm - 80 Ft-lb
15311	45Nm / 33 Ft-lb	120 Nm / 89 Ft-lb	48 Nm / 35 Ft-lb	10 Nm / 89 Ft-in	140 Nm / 100 Ft-lb
15312	45Nm / 33 Ft-lb	120 Nm / 89 Ft-lb	48 Nm / 35 Ft-lb	10 Nm / 89 Ft-in	140 Nm / 100 Ft-lb
15321	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15322	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15330	29 Nm / 22 Ft-lb	52 Nm / 40 Ft-lb	21 Nm / 16 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
15340	54 Nm / 40 Ft-lb	95 Nm / 70 Ft-lb	35 Nm / 26 Ft-lb	4 Nm / 35 Ft-in	140 Nm / 100 Ft-lb
15341	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm / 76 Ft-lb
15342	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm / 76 Ft-lb
15350	29 Nm / 21 Ft-lb	50 Nm / 37 Ft-lb	57 Nm / 41 Ft-lb	4 Nm / 35 Ft-in	98-117 Nm / 73-86 Ft-lb
15351	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15352	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15360	24 Nm / 18 Ft-lb	44Nm / 32 Ft-lb	21 Nm / 16 Ft-lb	15 Nm / 11 Ft-in	108 Nm - 80 Ft-lb
15361	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15362	39 Nm / 29 Ft-lb	181 Nm / 134 Ft-lb	19 Nm / 14 Ft-lb	8 Nm / 71 Ft-in	103 Nm - 76 Ft-lb
15370	24 Nm / 18 Ft-lb	44Nm / 32 Ft-lb	21 Nm / 16 Ft-lb	15 Nm / 11 Ft-in	108 Nm - 80 Ft-lb
15371	80 Nm / 59 Ft-lb	80 Nm / 59 Ft-lb	195 Nm / 144 Ft-lb	5 Nm / 44 Ft-in	103 Nm / 76 Ft-lb
15372	80 Nm / 59 Ft-lb	80 Nm / 59 Ft-lb	195 Nm / 144 Ft-lb	5 Nm / 44 Ft-in	103 Nm / 76 Ft-lb
15380	24 Nm / 18 Ft-lb	44Nm / 32 Ft-lb	21 Nm / 16 Ft-lb	15 Nm / 11 Ft-in	108 Nm - 80 Ft-lb
15381	29 Nm / 22 Ft-lb	52 Nm / 40 Ft-lb	21 Nm / 16 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
15382	29 Nm / 22 Ft-lb	52 Nm / 40 Ft-lb	21 Nm / 16 Ft-lb	10 Nm / 7 Ft-lb	108 Nm - 80 Ft-lb
15390	24 Nm / 18 Ft-lb	44Nm / 32 Ft-lb	21 Nm / 16 Ft-lb	15 Nm / 11 Ft-in	108 Nm - 80 Ft-lb
15400	30 Nm / 22 Ft-lb	250 Nm / 184 Ft-lb	25 Nm / 18 Ft-lb	12 Nm / 9 Ft-ilb	140 Nm / 100 Ft-lb
15410	30 Nm / 22 Ft-lb	400 Nm / 350 Ft-lb	90 Nm / 59 Ft-lb	12 Nm / 9 Ft-lb	204 Nm / 150 Ft-lb