TORQUE SPECIFICATION

SS052-07

Part tightened	N⋅m	kgf-cm	ft-lbf
Front (2WD):		T	T
Axle hub x Disc	64	650	47
Hub nut	110	1,150	83
Tie rod end lock nut	54	550	40
Steering knuckle x Upper ball joint	110	1,100	80
Steering knuckle x Lower ball joint	160	1,600	116
Tie rod end x Lower ball joint	72	730	53
Steering knuckle x Dust cover	8.3	85	74 in.·lbf
Steering knuckle x Brake caliper	108	1,100	80
Upper suspension arm x Upper ball joint	39	400	29
Lower suspension arm x Spring bumper	43	440	32
Lower suspension arm x Lower suspension arm No. 3	150	1,530	111
Shock absorber x Frame	25	250	18
Lower suspension arm x Shock absorber	39	400	29
Stabilizer bar link x Stabilizer bar	29.5	300	22
Stabilizer bar link x Lower suspension arm	90	920	66
Lower suspension arm x Frame	200	2,050	148
Upper suspension arm shaft x Frame	130	1,300	94
Upper suspension arm shaft x Upper suspension arm	125	1,270	92
Lower suspension arm x Lower ball joint	110	1,100	80
Lower suspension arm x Strut bar	150	1,530	111
Strut bar x Frame	300	3,050	221
Stabilizer bar bracket x Frame	29	300	22
ABS speed sensor x Steering knuckle	8.0	82	71 in.·lbf
ABS speed sensor wire clamp x Steering knuckle	8.0	82	71 in.·lbf
ABS speed sensor wire clamp x Upper suspension arm	8.0	82	71 in.·lbf
Front (4WD and pre runner):		1	l
Hub nut	110	1,150	83
Tie rod end lock nut	55	560	41
Steering knuckle x Lower ball joint	80	820	59
Tie rod end x Lower ball joint	90	930	67
Steering knuckle x Brake caliper	123	1,250	90
Steering knuckle x Dust cover	18	185	13
Flexible hose x Brake caliper	30	310	22
Drive shaft x Axle hub	235	2,400	174
Upper suspension arm x Upper ball joint	105	1,100	80
Lower suspension arm x Frame	130	1,325	96
Lower suspension arm x Lower ball joint	140	1,450	103
Lower suspension arm x No. 1, No. 2 spring bumper	31 (23)	315 (235)	23 (17)
Upper suspension arm x Frame	115	1,200	87
Frame x Suspension support	64	650	47
1 11	29	1	22

() For use with SST

2003 TOYOTA TACOMA (RM1002U)

Author: Date: 246

Name	Dort tighton od	N⋅m	kgf-cm	ft-lbf		
Stabilizer bar link x Stabilizer bar 68 700 51						
Stabilizar bar link x Lower suspension arm 90 920 960 98			,	-		
Stabilizer bar bracket x Frame 25 260 19 ABS speed sensor x Steering knuckle 8.0 82 71 inblf ABS speed sensor write clamp x Steering knuckle 8.0 82 71 inblf ABS speed sensor write clamp x Steering knuckle 8.0 82 71 inblf ABS speed sensor write clamp x Upper suspension arm 8.0 82 71 inblf Front differential Term to the sensor write clamp x Upper suspension arm 8.0 82 71 inblf Brown and the sensor write clamp x Upper suspension arm 8.0 82 71 inblf Differential front mounting cushion x Frame 187 980 64 Differential front mounting cushion x Differential 1157 1,600 116 Differential front mounting cushion x Differential 1169 1,100 80 Ring gear x Differential carrier x Differential tube 178 800 58 Differential carrier x Differential tube 78 800 58 Differential carrier x Differential tube 78 800 58 Differential carrier x Differential 78						
ABS speed sensor x Steering knuckle ABS speed sensor wire clamp x Steering knuckle ABS speed sensor wire clamp x Upper suspension arm BO 82 77 inlbf ABS speed sensor wire clamp x Upper suspension arm BO 82 77 inlbf ABS speed sensor wire clamp x Upper suspension arm BO 82 77 inlbf ABS speed sensor wire clamp x Upper suspension arm BO 80 82 77 inlbf ABS speed sensor wire clamp x Upper suspension arm BO 80 82 77 inlbf ABS speed sensor wire clamp x Upper suspension arm BO 80 82 77 inlbf ABS speed sensor wire clamp x Upper suspension arm BO 80 82 77 inlbf The control for control for the control speed spe	'					
ABS speed sensor wire clamp x Steering knuckle ABS speed sensor wire clamp x Upper suspension arm ABS speed sensor wire clamp x Upper suspension arm Front differential Tear front front mounting cushion x Frame Differential front mounting cushion x Frame Differential front mounting cushion x Frame ABS speed sensor Wire clamp x Upper suspension arm Differential front mounting cushion x Frame ABS speed sensor wire clamp x Upper suspension arm Differential front mounting cushion x Frame ABS speed sensor wire clamp x Upper suspension arm with a speed sensor wire clamp x Upper suspension x Up		_		-		
ABS speed sensor wire clamp x Upper suspension arm 8.0 82 71 in.lbf Front differential See page SA-55 Differential front mounting cushion x Frame 137 1,400 101 Differential rear mounting cushion x Frame 87 890 64 Differential rear mounting cushion x Differential 157 1,500 116 Differential rear mounting cushion x Differential 108 1,100 80 Ring gear x Differential carsier x Differential carsier x Differential carsier x Differential carrier x Differential carsier x Differential tube 78 800 58 Differential carrier x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58						
Principal Companion Range						
Diver pinion x Companion fiange		8.0	82	71 in.·lbf		
Differential front mounting cushion x Frame 137 1,400 101 Differential rear mounting cushion x Frame 87 890 64 Differential front mounting cushion x Differential 157 1,600 116 Differential rear mounting cushion x Differential 108 1,100 80 Ring gear x Differential cases 97 985 71 Differential carrier x Differential tube 78 800 58 Differential x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential carrie x All bub 78						
Differential rear mounting cushion x Differential 87 890 64 Differential front mounting cushion x Differential 157 1,600 116 Differential rear mounting cushion x Differential 97 985 71 Differential carrier x Differential tube 78 800 58 Differential carrier x Side bearing retainer 69 700 51 Differential carrier x Side bearing retainer 69 700 54 AD.D. clutch case x Differential tube 78 800 58 AD.D. clutch case x Differential tube 78 800 58 AD.D. clutch case x Differential tube 78 800 58 AD.D. clutch case x Differential tube 78 800 58 AD.D. clutch case x Differential tube 13 130 9 Differential carrier x Tube 13 130 9 Differential carrier x Tube 13 130 9 Differential carrier x Tube 13 130 9 Drifferential carrier x Tube 21 21 21 21<	-		See page SA-55	<u> </u>		
Differential front mounting cushion x Differential 157 1,600 116 Differential rear mounting cushion x Differential 108 1,100 80 Ring gear x Differential cases 97 995 71 Differential carrier x Differential tube 69 700 51 Differential carrier x Side bearing retainer 69 700 51 Differential carrier x Side bearing retainer 69 700 51 Differential carrier x Side bearing retainer 69 700 51 Differential x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 65 660 48 Differential carrier x Tube 113 130 9 Differential carrier x Tube 113 130 9 Parking Drug 65 660 48 Filler plug 39 9 82 Bacarrie	Differential front mounting cushion x Frame	137	1,400	101		
Differential rear mounting oushion x Differential 108 1,100 80 Ring gear x Differential case 97 985 71 Differential carrier x Differential tube 78 800 58 Differential carrier x Side bearing retainer 69 700 51 Differential x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 115 115 80	Differential rear mounting cushion x Frame	87	890	64		
Ring gear x Differential care 97 985 71 Differential carrier x Differential tube 78 800 58 Differential carrier x Differential tube 69 700 51 Differential x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential valle 13 13 130 9	Differential front mounting cushion x Differential	157	1,600	116		
Differential carrier x Differential tube 78 800 58 Differential carrier x Side bearing retainer 69 700 51 Differential carrier x Side bearing retainer 69 700 51 Differential carrier x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 71 11 11 11 11 11 11 11 11 <td< td=""><td>Differential rear mounting cushion x Differential</td><td>108</td><td>1,100</td><td>80</td></td<>	Differential rear mounting cushion x Differential	108	1,100	80		
Differential carrier x Side bearing retainer 69 700 51 Differential x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. actuator x A.D.D. clutch case 21 210 15 Differential carrier x Tube 13 130 9 Drain plug 655 660 48 Filler plug 39 400 29 Rear: ************************************	Ring gear x Differential case	97	985	71		
Differential x Front propeller shaft 74 750 54 A.D.D. clutch case x Differential 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. clutch case x Differential tube 78 800 58 A.D.D. actuator x A.D.D. clutch case 21 210 15 Differential carrier x Tube 13 130 9 Drain plug 65 660 48 Filler plug 39 400 29 Rear: **** **** **** Hub nut 110 1,150 83 Axle housing x Backing plate 68 700 50 Parking brake cable x Backing plate 2WD 9.3 95 82 in.lbf Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 26 260 19 Shock absorber x Frame 2WD 26 260 19 4WD and pre runner 71 730	Differential carrier x Differential tube	78	800	58		
A.D.D. clutch case x Differential tube A.D.D. clutch case x Differential tube A.D.D. clutch case x Differential tube A.D.D. clutch case A.D.D. clut clutch case A.D.D. clutch case A.D.D. clut clutch case A.D.D.C. clutch clu	Differential carrier x Side bearing retainer	69	700	51		
A.D.D. clutch case x Differential tube	Differential x Front propeller shaft	74	750	54		
A.D.D. actuator x A.D.D. clutch case 21 210 15 Differential carrier x Tube 13 130 9 Drain plug 65 660 48 Filler plug 39 400 29 Rear: Hub nut 110 1,150 83 Axle housing x Backing plate 68 700 50 Parking brake cable x Backing plate 2WD 9,3 95 82 in.lbf Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 4WD and pre runner 71 730 53 Shock absorber x Frame 2WD 4WD and pre runner 71 730 53 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 2 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2 WD 0 19 AWS speed sensor x Axle housing 26 25 250 18 Differential carrier x Axle housing 25 25 250 18 Differential carrier x Axle housing 25 25 250 18 Differential carrier x Axle housing 25 25 250 18	A.D.D. clutch case x Differential	78	800	58		
Differential carrier x Tube 13 130 9	A.D.D. clutch case x Differential tube	78	800	58		
Drain plug 65 660 48 Filler plug 39 400 29 Rear: Hub nut 110 1,150 83 Axle housing x Backing plate 68 700 50 Parking brake cable x Backing plate 2WD 9,3 95 82 inlbf Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 26 260 19 Shock absorber x Frame 2WD 26 260 19 Shock absorber x Frame 2WD 26 260 19 4WD and pre runner 71 730 53 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only	A.D.D. actuator x A.D.D. clutch case	21	210	15		
Filler plug 39 400 29	Differential carrier x Tube	13	130	9		
Rear: Hub nut 1110 1,150 83 Axle housing x Backing plate 68 700 50 Parking brake cable x Backing plate 2WD 9.3 95 82 inlbf Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 26 260 19 Shock absorber x Frame 2WD 26 260 19 4WD and pre runner 71 730 53 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf	Drain plug	65	660	48		
Hub nut	Filler plug	39	400	29		
Axle housing x Backing plate 68 700 50 Parking brake cable x Backing plate 2WD 9.3 95 82 inlbf Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 4WD and pre runner 71 730 53 Shock absorber x Frame 2WD 26 260 19 Early 2WD 26 260 19 WWD and pre runner 71 730 53 Shock absorber x Frame 2WD 26 260 19 Early 2WD 26 260 19 Early 2WD 26 260 260 19 Early 3WD 353 Brake line union nut 15 155 115 Early 3WD 353 Brake line union nut 15 155 115 Early 3WD 353 Brake line union bolt x Frame 157 1,600 116 Shackle pin x Leaf spring banger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 29 930 67 Shackle pin x Frame 29 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 88 870 63	Rear:					
Parking brake cable x Backing plate 2WD 9.3 95 82 inlbf Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 26 260 19 4WD and pre runner 71 730 53 Shock absorber x Frame 2WD 26 260 19 4WD and pre runner 71 730 53 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ–FE) 25 250 18 Differential carrier x Axle housing	Hub nut	110	1,150	83		
Parking brake cable clamp set bolt 2WD 26 260 19 Shock absorber x Spring seat 2WD 26 260 19 4WD and pre runner 71 730 53 Shock absorber x Frame 2WD 26 260 19 4WD and pre runner 71 730 53 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) 25 250 18 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 87	Axle housing x Backing plate	68	700	50		
Shock absorber x Spring seat 2WD 4WD and pre runner 26 730 19 730 19 53 Shock absorber x Frame 2WD 4WD and pre runner 26 260 19 730 19 730 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) Differential carrier x Axle housing 74 750 56 56 Differential carrier x Axle housing 25 250 18 18 Differential carrier x Bearing cap 85 870 63 83	Parking brake cable x Backing plate 2WD	9.3	95	82 in.⋅lbf		
AWD and pre runner 71 730 53 Shock absorber x Frame 2WD 4WD and pre runner 26 260 19 4WD and pre runner 71 730 53 Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) 25 250 18 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Parking brake cable clamp set bolt 2WD	26	260	19		
AWD and pre runner 71 730 53 Shock absorber x Frame 2WD 4WD and pre runner 26 260 19 4WD and pre runner 71 730 53 Brake line union nut 15 15 15 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) 56 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Shock absorber x Spring seat 2WD	26	260	19		
Brake line union nut 71 730 53 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 in.·lbf Rear differential (2RZ-FE) 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63		71	730	53		
Brake line union nut 15 155 11 U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Shock absorber x Frame 2WD	26	260	19		
U-bolt x Spring seat 123 1,250 90 Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	4WD and pre runner	71	730	53		
Leaf spring hanger pin bolt x Frame 157 1,600 116 Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Brake line union nut	15	155	11		
Shackle pin x Leaf spring 92 930 67 Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 inlbf Rear differential (2RZ-FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	U-bolt x Spring seat	123	1,250	90		
Shackle pin x Frame 92 930 67 Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 in.·lbf Rear differential (2RZ–FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Leaf spring hanger pin bolt x Frame	157	1,600	116		
Leaf spring center bolt 44 450 33 Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 in.·lbf Rear differential (2RZ–FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Shackle pin x Leaf spring	92	930	67		
Spring bumper x Frame 2WD only 29 300 22 ABS speed sensor x Axle housing 8.0 82 71 in.·lbf Rear differential (2RZ–FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Shackle pin x Frame	92	930	67		
ABS speed sensor x Axle housing 8.0 82 71 in.·lbf Rear differential (2RZ–FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Leaf spring center bolt	44	450	33		
Rear differential (2RZ–FE) Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Spring bumper x Frame 2WD only	29	300	22		
Differential x Propeller shaft 74 750 56 Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	ABS speed sensor x Axle housing	8.0	82	71 in.·lbf		
Differential carrier x Axle housing 25 250 18 Differential carrier x Bearing cap 85 870 63	Rear differential (2RZ–FE)					
Differential carrier x Bearing cap 85 870 63	Differential x Propeller shaft	74	750	56		
	Differential carrier x Axle housing	25	250	18		
	Differential carrier x Bearing cap	85	870	63		
	Differential case x Ring gear	97	985	71		

2003 TOYOTA TACOMA (RM1002U)

Author: Date: 247

SERVICE SPECIFICATIONS - SUSPENSION AND AXLE

Part tightened	N⋅m	kgf-cm	ft-lbf		
Drive pinion x Companion flange		See page SA-149			
Adjusting nut lock x Bearing cap	13	130	9		
Drain plug, Filler plug	49	500	36		
Rear differential (3RZ-FE, 5VZ-FE, w/o Diff. lock)					
Differential x Propeller shaft	74	750	56		
Dlfferential carrier x Axle housing	73	740	54		
Differential carrier x Bearing cap	113	1,150	83		
Drive pinion x Companion flange		See page SA-166			
Differential case x Ring gear	125	1,270	92		
Drain plug, Filler plug	49	500	36		
Rear differential (3RZ–FE, 5VZ–FE w/ Diff. lock)					
Differential x Propeller shaft	74	750	56		
Differential carrier x Axle housing	25	250	18		
Differential carrier x Bearing cap	78	800	58		
Differential case x Ring gear	97	985	71		
Adjusting nut lock x Bearing cap	13	130	9		
Differential RH case x Differential LH case	47	480	35		
Differential carrier x Diff. lock indicator switch	40	410	31		
Differential carrier x Shaft retainer	24	240	17		
Drive pinion x Companion flange		See page SA-185			
Differential carrier x Screw plug	22	220	16		
Dlfferential carrier x Actuator	26	270	20		
Drain plug, Filler plug	49	500	36		

Author: Date: 248