

TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
TILT STEERING COLUMN			
Column upper tube x Column tube	20	210	15
Column tube support x Column tube	15	150	11
Universal joint assembly x Main shaft assembly (RFS)	34	350	25
Intermediate shaft assembly x Main shaft assembly (IFS)	34	350	25
No.2 lower cover x Intermediate shaft assembly (IFS)	24.5	240	17
Intermediate shaft assembly x Universal joint assembly (RFS)	34	350	25
Column assembly set nut	24.5	250	18
Hole cover set bolt	13	130	9
Sliding yoke x Intermediate shaft assembly (RFS)	34	350	25
Sliding yoke x Worm gear valve shaft (RFS)	34	350	25
Sliding yoke x Intermediate shaft assembly (IFS)	34	350	25
Sliding yoke x No.2 intermediate shaft assembly (IFS)	34	350	25
No.2 intermediate shaft assembly x Control valve shaft (IFS)	34	350	25
Joint cover set bolt (RFS)	12	120	9
Steering wheel set nut	34	350	25
Steering wheel pad set screw (Torx screw)	8.8	90	78 in.·lbf
POWER TILT AND POWER TELESCOPIC STEERING COLUMN			
Column upper tube sub-assembly x Column upper tube assembly	20	210	15
Telescopic steering screw set nut	2	20	17 in.·lbf
Telescopic steering slider support set bolt	11	110	8
Column tube support x Column tube	15	150	11
Telesco lever lock bolt	10	100	7
Column tube stopper	19	190	14
Power tilt motor set bolt	20	210	15
Steering column protector No.1 set bolt	15	153	11
Intermediate shaft assembly x Main shaft assembly	34	350	25
No.2 lower cover x Intermediate shaft assembly	24.5	240	17
POWER STEERING VANE PUMP (1FZ-FE)			
Pressure port union	69	700	51
Vane pump drive gear set nut	74	750	54
Suction port union set bolt	13	130	9
Vane pump assembly set nut	36	370	27
Pressure feed tube x Vane pump assembly	56	575	42
POWER STEERING VANE PUMP (2UZ-FE Europe)			
Rear housing x Front housing	24	240	17
Pressure port union	83	850	61
Suction port union set bolt	13	130	9
Vane pump pulley set nut	43	440	32
Vane pump assembly set bolt	17	175	13
Pressure feed tube x Vane pump assembly	56	575	42
POWER STEERING VANE PUMP (2UZ-FE Except Europe)			
Rear bracket x Front housing	39	400	29

Pressure port union	69	700	51
Suction port union set bolt	13	130	9
Vane pump assembly set bolt and nut	39	400	29
Vane pump pulley set nut	43	440	32
Pressure feed tube x Vane pump assembly	56	575	42
POWER STEERING VANE PUMP (1HZ)			
Front housing x Rear housing	42	425	31
Valve lock screw	64	650	47
Vane pump drive gear set nut	74	750	54
Suction port union x Vane pump assembly	7.8	80	69 in.·lbf
Vane pump assembly set nut	36	370	27
Suction port union x Engine	18	185	13
Pressure feed tube x Vane pump assembly	56	575	42
POWER STEERING VANE PUMP (1HD-T, 1HD-FTE)			
Pressure port union	69	700	51
Suction port union set bolt	13	130	9
Vane pump assembly set nut	36	370	27
Pressure feed tube x Vane pump assembly	56	575	42
POWER STEERING GEAR (RFS)			
Worn gear valve body x Gear housing	61	620	45
Power piston plunger guide nut	20	205	15
Side cover x Gear housing	61	620	45
Adjusting screw lock nut	46	470	34
Gear assembly set bolt and nut	142	1,450	105
Pressure feed and return tubes	36 (44)	365 (450)	26 (33)
Joint cover set bolt	12	120	9
Pitman arm x Sector shaft	177	1,800	130
POWER STEERING GEAR (IFS)			
Cylinder end stopper	66 (88)	677 (900)	49 (65)
Bearing guide nut	25	250	18
Control valve housing x Rack housing	18	185	13
Rack guide spring cap lock nut	51 (69)	521 (700)	38 (51)
Rack x Rack end	76 (103)	770 (1,050)	56 (76)
Tube support retainer set bolt	19	195	14
Turn pressure tube union nut	20 (25)	203 (250)	15 (18)
Gear assembly set bolt and nut	100	1,020	74
Tie rod end lock nut	55	560	41
Tube clamp set bolt	18	184	13
Bracket x Gear assembly	100	1,020	74
Return tube x Control valve housing	36 (45)	365 (450)	26 (33)
Pressure feed tube x Control valve housing	49	500	36
Engine oil filter assembly set bolt	18	185	13

(): For use without SST

SERVICE SPECIFICATIONS - STEERING

STEERING LINKAGE			
Tie rod end x Knuckle arm	91	925	67
Clamp set bolt and nut	37	375	27
Relay rod end x Knuckle arm	91	925	67
Steering damper bracket x Steering damper assembly	74	750	54
Steering damper bracket x Frame	39	400	29
Steering damper assembly x Relay rod assembly	74	750	54
Pitman arm x Sector shaft	177	1,800	130
Pitman arm x Relay rod end	91	925	67