1997-98 F-250HD, F-350 AND F-SUPER DUTY TORQUE SPECIFICATIONS

Components	English	Metric
Air bag retaining screws	90-107 inch lbs.	10-14 Nm
Front Suspension (4 X 2)		
F-250HD and F-350		
Axle pivot bolt retainer nut-to-axle pivot bracket	110-148 ft. lbs.	149-201 Nm
Axle pivot bracket-to-frame bolt	65-87 ft. lbs.	88-118 Nm
Axle-to-radius arm nut and bolt	188-254 ft. lbs.	255-345 Nm
Axle-to-upper ball joint pinch bolt	50-68 ft. lbs.	68-92 Nm
Coil spring-to-lower retainer nut	83-112 ft. lbs.	112-152 Nm
Coil spring upper retainer-to-spring seat nut and bolt	13-17 ft. lbs.	17-23 Nm
Lower ball joint-to-axle nut	83-112 ft. lbs.	112-152 Nm
Lower shock absorber retainer nut	44-59 ft. lbs.	60-80 Nm
Lower spring retainer-to-lower spring seat	99 ft. lbs.	133 Nm
Radius arm retaining bolt-to-radius arm nut	83-112 ft. lbs.	112-152 Nm
Radius arm pivot bolt-to-radius arm bracket	77-110 ft. lbs.	104-149 Nm
Radius arm bracket-to-frame	60 ft. lbs.	80 Nm
Shock absorber-to-shock tower nut	30 ft. lbs.	40 Nm
Stabilizer bar link-to-bracket	52-74 ft. lbs.	71-100 Nm
Stabilizer bar link nut-to-stabilizer bar	53-80 ft. lbs.	72-108 Nm
Stabilizer bar retainer bracket-to-frame	25-34 ft. lbs.	34-46 Nm
Upper shock absorber-to-spring seat nut	25-35 ft. lbs.	34-48 Nm
F-Super Duty		
Axle-to-leaf spring U-bolt bolt	157-211 ft. lbs.	213-287 Nm
Leaf spring-to-frame nut	125-170 ft. lbs.	170-230 Nm
Leaf spring-to-rear hanger bracket	157-211 ft. lbs.	213-287 Nm
Leaf spring-to-spring shackle nut	120-150 ft. lbs.	163-203 Nm
Lower shock absorber retainer nut	39-53 ft. lbs.	53-72 Nm
Stabilizer bar link-to-bracket	52-74 ft. lbs.	71-100 Nm
Stabilizer bar link nut-to-stabilizer bar	15-24 ft. lbs.	21-33 Nm
Stabilizer bar retainer bracket-to-frame	35-46 ft. lbs.	47-63 Nm
Track bar retaining nuts and bolts	120-150 ft. lbs.	163-203 Nm
Upper shock absorber-to-spring seat nut	39-53 ft. lbs.	53-72 Nm
Front Suspension (4 X 4)		
F-250HD		
Front spring-to-axle U-bolts	83-113 ft. lbs.	113-153 Nm
Front spring-to-spring hanger nut	109-148 ft. lbs.	149-201 Nm
Front spring-to-shackle nut	109-148 ft. lbs.	149-201 Nm
Front spring shackle-to-frame	125-170 ft. lbs.	170-230 Nm
Shock absorber-to-spring plate spacer nut	44-59 ft. lbs.	60-80 Nm
Shock absorber-to-frame bolts	52-74 ft. lbs.	70-100 Nm
F-350 and F-Super Duty		
Front spring-to-spring bracket	120-150 ft. lbs.	163-203 Nm
Front spring-to-spring shackle	120-150 ft. lbs.	163-203 Nm
Front spring shackle-to-frame nut	126-169 ft. lbs.	170-230 Nm
Shock absorber-to-shock bracket nut	44-59 ft. lbs.	60-80 Nm
Shock absorber-to-spring spacer nut	44-59 ft. lbs.	60-80 Nm
Shock absorber-to-frame bolts	51-67 ft. lbs.	68-92 Nm
Stabilizer bar bracket-to-frame bolts	36-50 ft. lbs.	48-68 Nm
Stabilizer bar-to-link	15-24 ft. lbs.	21-33 Nm
Stabilizer bar link-to-bracket nut	36-50 ft. lbs.	48-68 Nm
Track bar retaining nuts and bolts	120-150 ft. lbs.	163-203 Nm
Power steering pump		
Hose fittings	25-40 ft. lbs.	34-54 Nm
Pump retaining bolts		
CII pump	30-41 ft. lbs.	40-55 Nm
ZF pump	21-30 ft. lbs.	28-41 Nm