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

Components	English	Metric
Rear suspension		
Leaf spring-to-axle U-bolt nut		
F-250HD, F-350	142-190 ft. lbs.	192-258 Nm
F-Super Duty	189-254 ft. lbs.	255-345 Nm
Leaf spring-to-front bracket nut and bolt		
F-250HD, F-350 (except chassis cab)	142-190 ft. lbs.	192-258 Nm
F-350 chassis cab	157-212 ft. lbs.	213-288 Nm
F-Super Duty	251-339 ft. lbs.	340-460 Nm
Leaf spring-to-rear shackle nut and bolt		
F-250HD, F-350	83-113 ft. lbs.	113-153 Nm
F-Super Duty	157-212 ft. lbs.	213-288 Nm
Rear shackle-to-frame mounted bracket nut and bolt		
F-250HD, F-350 (except chassis cab)	57-75 ft. lbs.	77-103 Nm
F-350 chassis cab and F-Super Duty	157-212 ft. lbs.	213-288 Nm
Shock absorber-to-axle bolt	38-54 ft. lbs.	52-73 Nm
Shock absorber-to-frame bolt	38-54 ft. lbs.	52-73 Nm
Stabilizer bar-to-axle nut	30-40 ft. lbs.	41-54 Nm
Stabilizer bar-to-axle bolt	25-34 ft. lbs.	34-46 Nm
Stabilizer bar bracket-to-axle nut	30-40 ft. lbs.	41-54 Nm
Stabilizer bar-to-axle nut	25-34 ft. lbs.	34-46 Nm
Stabilizer bar link bracket-to-frame nut and bolt	18-23 ft. lbs.	24-31 Nm
Stabilizer bar link-to-bracket nut	41-63 ft. lbs.	55-85 Nm
Stabilizer bar link-to-frame nut	41-63 ft. lbs.	55-85 Nm
Stabilizer bar link-to-stabilizer bar nut	18-23 ft. lbs.	24-31 Nm
Steering gear retaining bolts	54-66 ft. lbs.	73-90 Nm
Steering linkage		
Adjusting sleeve clamp nuts	30-42 ft. lbs.	40-57 Nm
Idler arm-to-sector shaft retaining nut	51-73 ft. lbs.	70-100 Nm
Pitman arm retaining nut	170-228 ft. lbs.	230-310 Nm
Tie-rod end-to-steering knuckle nuts	52-74 ft. lbs.	70-100 Nm
Steering wheel center nut	23-32 ft. lbs.	31-44 Nm
Wheel lug nuts	126-170 ft. lbs.	170-230 Nm

F-150, F-250, EXPEDITION AND NAVIGATOR TORQUE SPECIFICATIONS

Components	English	Metric
Air bag retaining screws	89-115 inch lbs.	10-13 Nm
Front Suspension (4 X 2)		
Lower arm retaining nut	121-148 ft. lbs.	164-200 Nm
Lower ball joint nut	83-112 ft. lbs.	113-153 Nm
Lower shock absorber nut	22-29 ft. lbs.	30-40 Nm
Stabilizer bar link nut-to-stabilizer bar	15-20 ft. lbs.	20-30 Nm
Stabilizer bar retainer bracket-to-frame	19-26 ft. lbs.	26-35 Nm
Upper arm nut	84-112 ft. lbs.	113-153 Nm
Upper ball joint nut	50-67 ft. lbs.	68-92 Nm
Upper shock absorber nut	35-46 ft. lbs.	57-63 Nm
Front Suspension (4 X 4)		
Axle hub nut	188-254 ft. lbs.	255-345 Nm
Lower arm retaining bolts	121-147 ft. lbs.	164-200 Nm
Lower ball joint nut	83-112 ft. lbs.	113-153 Nm
Lower shock absorber nut	57-76 ft. lbs.	77-103 Nm
Stabilizer bar link nut-to-stabilizer bar	15-20 ft. lbs.	20-30 Nm
Stabilizer bar retainer bracket-to-frame	19-26 ft. lbs.	26-35 Nm
Torsion bar crossmember support bolts	29-40 ft. lbs.	40-54 Nm
Torsion bar crossmember support nuts	39-53 ft. lbs.	53-72 Nm
Upper arm nut	84-112 ft. lbs.	113-153 Nm
Upper ball joint nut	57-76 ft. lbs.	77-103 Nm
Upper shock absorber nut	22-29 ft. lbs.	30-40 Nm