

Tightening torques

Tightening torques – kgm (lb ft)

Engine

Cylinder head nuts	$\frac{3}{8}$ UNF 3.46 (25)
	$\frac{5}{16}$ UNF 2.07 (15)
Big end bearing bolts	$\frac{5}{16}$ UNF 2.90 (21)
Main bearing nuts	$\frac{3}{8}$ UNF 3.18–3.32 (23–24)
Flywheel bolts	$\frac{3}{8}$ UNF 4.03 (29)
Manifold nuts	$\frac{5}{16}$ UNF 1.66–2.07 (12–15)
Rockershaft supports	$\frac{3}{8}$ UNF 2.35–3.04 (17–22)
Fuel pump nuts	$\frac{5}{16}$ UNF 1.66–2.07 (12–15)

Clutch

Pressure plate to flywheel	$\frac{5}{16}$ UNF 1.66–2.07 (12–15)
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Gearbox

Gearbox to engine	$\frac{5}{16}$ UNF 1.66–2.07 (12–15)
Front cover	$\frac{1}{4}$ UNF 0.69–1.10 (5–8)
Rear cover	$\frac{1}{4}$ UNC 0.83–1.24 (6–9)
Top cover	$\frac{1}{4}$ UNC 0.83–1.24 (6–9)
Drain and filler plug	$\frac{3}{4}$ Gas 2.07–2.76 (15–20)

Engine/gearbox mountings

Engine mountings to chassis and engine front plate	$\frac{3}{8}$ UNF 2.76–3.46 (20–25)
Gearbox mountings to support bracket	$\frac{3}{8}$ UNF 2.76–3.46 (20–25)
Gearbox support bracket to chassis	$\frac{5}{16}$ UNF 2.07–2.49 (15–18)

Driveshaft

Driveshaft to axle and gearbox coupling	$\frac{5}{16}$ UNF 3.46–4.15 (25–30)
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Rear axle

Axle case to side covers	$\frac{5}{16}$ UNF 2.76–3.46 (20–25)
Axle tube to axle case	$\frac{3}{8}$ UNF 4.15–4.84 (30–35)
Hub to axle shaft	$\frac{1}{2}$ UNF 13.8–15.2 (100–110)
Coupling flange to pinion	$\frac{1}{2}$ UNF 9.67–11.75 (70–85)
Axle filler plug	$\frac{1}{4}$ BSP 2.07–2.76 (15–20)
Breather	$\frac{1}{8}$ BSP 1.38–1.80 (10–13)

Rear suspension

Leaf springs to chassis	$\frac{1}{2}$ UNF 4.84–5.53 (35–40)
Leaf springs to shackles	$\frac{1}{2}$ UNF 4.84–5.53 (35–40)
Shackles to chassis	$\frac{1}{2}$ UNF 4.84–5.53 (35–40)
'U' bolts and damper mounting brackets to springs	$\frac{3}{8}$ UNF 4.15–4.84 (30–35)
Damper unit to mounting brackets	$\frac{3}{8}$ UNF 4.15–4.84 (30–35)
Damper unit to chassis	$\frac{3}{8}$ UNF 4.15–4.84 (30–35)
Anti-roll bar to leaf spring	$\frac{7}{16}$ UNF 4.15–4.84 (30–35)
Anti-roll bar to chassis	$\frac{1}{4}$ UNF 1.1–1.38 (8–10)

Front suspension

Radius arm to frame	$\frac{3}{8}$ UNF 4.15–4.84 (30–35)
Damper unit to radius arm and frame	$\frac{1}{2}$ UNF 4.84–5.53 (35–40)

Steering

Steering arm to stub axle	$\frac{5}{16}$ UNF 2.5–3.18 (18–23)
Steering box to frame	$\frac{3}{8}$ UNF 3.6–3.87 (26–28)
Track rod to drop arm	$\frac{3}{8}$ UNF 3.6–3.87 (26–28)
Track rod to steering arm	$\frac{3}{8}$ UNF 3.6–3.87 (26–28)
Steering wheel to column	$\frac{9}{16}$ UNF 2.76–3.46 (20–25)

Brakes

Front backplate to hub	$\frac{5}{16}$ UNF 2.5–3.18 (18–23)
Rear backplate to hub	$\frac{5}{16}$ UNF 2.5–3.18 (18–23)
Master cylinder to mounting plate and body	$\frac{5}{16}$ UNF 2.5–3.18 (18–23)

Road wheels

Wheel nuts	$\frac{3}{8}$ UNF 4.15–4.84 (30–35)
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