



Here is a list of some of the more important torque figures that you need in order to tighten up your nuts and bolts to the recommended settings, as per the VW manual.

Engine torque figures

| Part / Nut / Bolt | Torque setting in ft/lbs |
|---------------------------|--------------------------|
| Clutch to Flywheel Bolts | 18 |
| Connecting rod bolts | 24 |
| Crankcase nuts (8mm) | 14 |
| Crankcase nuts (10mm) | 22 |
| Crankcase Nuts (12mm) | 25 |
| Crankshaft pulley nut | 33 |
| Cylinder head nuts (8mm) | 18 |
| Cylinder head nuts (10mm) | 23 |
| Engine to gearbox nuts | 22 |
| Fan Nut | 43 |
| Flywheel gland nut | 253 |
| Generator Pulley Nuts | 43 |
| Oil drain plug | 33 |
| Oil pump nuts | 14 |
| Oil strainer cover nuts | 5 |
| Rocker shaft nuts | 14 – 18 |
| Spark Plugs | 22 – 29 |



Type 1 Torsion bar suspension/steering torque figures

| Part / Nut / Bolt | Torque setting in ft/lbs |
|---|--------------------------|
| Front shock absorber bolt on side plate | 24 |
| Front shock absorber nut on side plate | 14 |
| Front shock absorber nut on lower torsion arm | 24 |
| Link pin clamping screw to torsion arm | 32 |
| Rear bearing retainer screws | 43 |
| Rear hub nut / Axle shaft nut | 217 |
| Spring plate bolts/nuts | 72 |
| Steering ball-joint nuts (10mm) | 33 |
| Steering ball-joint nuts (12mm) | 38 |
| Steering ball-joint nuts with split pin | 22 |
| Steering column holding bolts | 7 |
| Steering column tube clamp screws | 7 |
| Steering damper nut on tie-rod | 18 |
| Steering damper screw on axle tube | 31 |
| Steering wheel nut | 36 |
| Torsion bar grub screw and locknut | 33 |
| Wheel bearing inner nut | 29 |
| Wheel bearing lock nut | 50 |
| Wheel bearing clamp nut socket screw | 9 |



Type 1 Macpherson strut suspension torque figures

| Part / Nut / Bolt | Torque setting in ft/lbs |
|--|--------------------------|
| Drop arm steering gear nut | 72 |
| Frame head to body bolts | 25 |
| Front wheel bearing clamp nut screw (max) | 10 |
| Steering damper to frame head bolt | 43 |
| Steering damper to drop arm bolt | 29-32 |
| Steering gear to body bolts | 29 |
| Steering knuckle and ball-joint to strut bolts | 29 |
| Steering tie-rod joint nuts | 22 |
| Strut upper bearing nut | 51-61 |
| Strut to body nuts | 14 |
| Stabiliser to track control arm nut | 22 |
| Stabiliser clip to frame head bolt | 14 |
| Track control arm to frame head nut | 29 |
| Track control arm to ball-joint nut | 29 |



Type 2 (Bay Window) suspension torque figures

| Part / Nut / Bolt | Torque setting in ft/lbs |
|--|--------------------------|
| Wheel Bolts | 94 |
| Wheel Nuts | 101 |
| Front axle mounting bolts to frame | 65-90 |
| Steering damper to axle tube | 29-32 |
| Steering ball-joint to knuckle | 72 |
| Stabiliser to torsion arm | 25-36 |
| Tie-rod to steering knuckle | 22 |
| Shock absorber to torsion arm | 18-25 |
| Shock absorber to side plate | 36 |
| Drop arm to sector shaft – slotted nut | 58-80 |
| Tie-rod clamp bolt | 11-14 |
| Drag link to drop arm* | 14-22 |
| Drag link to swing lever* | 29-22 |
| Drag link clamp | 11-14 |
| Back plate to steering knuckle | 36-43 |
| Steering gear to side member | 25-36 |
| Diagonal arm to rear wheel bearing housing | 94 |
| Diagonal arm to frame | 58 |
| Spring plate bearing cover | 32 |
| Steering wheel/column nut | 36 |

