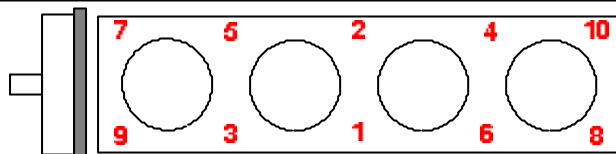


Torque settings

4D65 diesel engine

in Nm, unless otherwise indicated

engine mountings: see *General, Removal and Installation*



tightening sequence: cylinder head bolts

cylinder head bolts; cold engine

step 1:	35 - 45
step 2:	75 - 85
step 3:	105 - 115
main bearing caps	65 - 70
big end bearing caps	50 - 53
camshaft bearing caps	19 - 21
rocker shaft	28 - 32
rocker shaft support	20 - 27
valve adjusting locking nut	14 - 16
camshaft timing gear	80 - 100
injection pump gear	60 - 70
injection pump	15 - 22
crankshaft gear	110 - 130
crankshaft pulley	20 - 30
idler pulley	43 - 55
balance shaft gear	43 - 55

belt tensioner intermediate unit	12 - 15
timing belt tensioner	43 - 55
tensioner pulley of LH balance shaft toothed belt	15 - 22
timing cover	
upper	10 - 12
lower	12 - 15
valve cover	5 - 7
flywheel	130 - 140
inlet manifold	15 - 20
exhaust manifold	15 - 20
engine sump	6 - 8
oil drain plug	35 - 45
oil level dipstick bolt	45 - 60
injector line	23 - 27
glow plug	15 - 20