

# TORQUE SPECIFICATION

## 1AZ-FE

Part Tightened	N·m	kgf·cm	ft·lbf
Oil pressure switch x Cylinder head	15	152	11
Oil pan drain plug x Oil pan	25	250	18
Oil pump x Cylinder block	19	195	15
Timing chain guide x Cylinder block	9.0	92	80 in.·lbf
Chain vibration damper No.1 x Cylinder block	9.0	92	80 in.·lbf
Chain tensioner slipper x Cylinder block	19	194	14
Ignition coil assy x Cylinder head cover	9.0	92	80 in.·lbf
Front wheel RH	103	1,050	76
Oil cooler x Union	79	800	58
Oil cooler x Cylinder block	9.0	92	80 in.·lbf

## 1CD-FTV

Part Tightened	N·m	kgf·cm	ft·lbf
Oil pressure switch x Oil filter bracket	15	152	11
Oil pump x Cylinder block	31	316	23
Oil pump insulator x Oil pump	7.5	77	66 in.·lbf
Crank position sensor x Oil pump	8.8	90	78 in.·lbf
Oil pan Sub-assy x Cylinder block	For 10 mm head bolt and nut	8.0	69 in.·lbf
	For 12 mm head bolt	21	15
Oil pan insulator x Oil pan	7.5	75	65 in.·lbf
Oil strainer Sub-assy x Oil pan	For bolt	21	15
	For nut	13	10
Oil pan Sub-assy No.2 x No.1 oil pan	12	120	9
Engine oil level sensor x Oil pan Sub-assy No.2	5.4	55	48 in.·lbf
Oil level gage guide x Injection pump stay	18	185	13
Drive belte tensioner x Cylinder block	87	888	64
Timing belt idler Sub-assy x Drive belte tensioner	47	480	35
Front wheel RH	103	1,050	76
Oil cooler assy x Cylinder block	45	459	33