

# TORQUE SPECIFICATION

## 2AZ-FE:

Part Tightened		N·m	kgf·cm	ft·lbf
Starter x Transaxle housing		39	398	29
Starter wire x Starter assy		13	130	9
Air cleaner inlet x Body		7.0	71	62 in.·lbf
Air cleaner bracket x Body		12	122	9
Air cleaner case sub-assy x Air cleaner bracket		5.0	51	44 in.·lbf
Air cleaner case sub-assy x Body		5.0	51	44 in.·lbf
Air cleaner cap sub-assy x Air cleaner case sub-assy		5.0	51	44 in.·lbf
Battery clamp sub-assy x Body		5.5	56	49 in.·lbf
Battery clamp sub-assy x Battery clamp bolt		5.5	56	49 in.·lbf
Terminal x Battery		3.5	36	31 in.·lbf
Commutator end frame assy x Starter drive housing assy		6.0	61	53 in.·lbf
Magnetic switch assy x Starter drive housing assy		7.5	76	66 in.·lbf
Lead wire x Terminal C		10	102	7
Generator assy x Engine	M8	21	214	15
	M10	52	530	38
Wiring harness clamp		9	92	80 in.·lbf
Generator wire x Generator assy		9.8	100	7
Retainer plate x Drive end frame assy generator		2.3	23	20 in.·lbf
Generator rectifier end frame x Drive end frame assy generator		5.8	59	51 in.·lbf
Generator brush holder assy x Generator rectifier end frame		1.8	18	16 in.·lbf
Generator rear end cover x Generator rectifier end frame		4.6	47	41 in.·lbf
Generator pulley x Generator rotor assy		110	1,122	81

## 1MZ-FE/3MZ-FE:

Part Tightened		N·m	kgf·cm	ft·lbf
Starter assy x Transaxle housing		37	380	26
Starter wire x Starter assy		9.8	100	7
Air cleaner inlet No. 1 x Body		7.0	71	62 in.·lbf
Air cleaner bracket x Body		12	122	9
Air cleaner case sub-assy x Air cleaner bracket		5.0	51	44 in.·lbf
Air cleaner case sub-assy x Body		5.0	51	44 in.·lbf
Air cleaner cap sub-assy x Air cleaner case sub-assy		5.0	51	44 in.·lbf
Air cleaner inlet No. 2 x Body		7.0	71	62 in.·lbf
Battery clamp sub-assy x Body		5.5	56	49 in.·lbf
Battery clamp sub-assy x Battery clamp bolt		5.5	56	49 in.·lbf
Terminal x Battery		3.5	36	31 in.·lbf
Commutator end frame assy x Starter drive housing assy		6.0	61	53 in.·lbf
Magnetic switch assy x Starter drive housing assy		7.5	76	66 in.·lbf
Lead wire x Terminal C		10	102	7
Generator assy x Generator bracket No. 1		58	592	43
Generator assy x Generator belt adjusting bar		18	184	13
Generator wire x Generator assy		9.8	100	7
Retainer plate x Drive end frame assy generator		2.3	23	20 in.·lbf
Generator rectifier end frame x Drive end frame assy generator		5.8	59	51 in.·lbf
Generator brush holder assy x Generator rectifier end frame		1.8	18	16 in.·lbf
Generator rear end cover x Generator rectifier end frame		4.6	47	41 in.·lbf
Generator pulley x Generator rotor assy		111	1,127	82