

SPECIFICATIONS 1GR-FE INTAKE / EXHAUST TORQUE SPECIFICATIONS

SNORKEL AIR CLEANER

Part Tightened	N*m	kgf*cm	in.*lbf
No. 1 air cleaner inlet bracket x No. 2 air cleaner inlet bracket	6.5	66	58
Cool air intake pipe x Body	6.5	66	58
No. 2 cool air intake duct x Body	6.5	66	58
Cool air inlet duct x No. 2 cool air intake duct	4.0	41	35
No. 2 air cleaner inlet bracket x Body	6.5	66	58

INTAKE MANIFOLD

Part Tightened	N*m	kgf*cm	ft.*lbf	in.*lbf
Intake manifold x Cylinder head sub-assembly	26	265	19	
Intake air surge tank x Intake manifold	28	286	21	
No. 2 surge tank stay x Intake air surge tank, Cylinder head sub-assembly	21	214	15	
Clutch hose bracket x No. 2 surge tank stay	20	204	15	
No. 1 surge tank stay x Intake air surge tank, Cylinder head sub-assembly	21	214	15	
Oil baffle plate x No. 1 surge tank stay	9.0	92		80
Engine oil level dipstick guide x No. 1 surge tank stay	9.0	92		80
Ground wire x No. 1 surge tank stay	8.4	86		74
Throttle body bracket x Intake air surge tank, Cylinder head sub-assembly	21	214	15	
No. 1 air cleaner hose x Cylinder head cover sub-assembly	5.0	51		44
No. 1 air cleaner hose x Throttle body assembly	2.5	25		22

EXHAUST MANIFOLD

Part Tightened	N*m	kgf*cm	ft.*lbf
Exhaust manifold sub-assembly RH x Cylinder head sub-assembly	30	306	22
No. 1 manifold stay x Front exhaust pipe assembly	40	408	30
Exhaust manifold sub-assembly LH x Cylinder head sub-assembly	30	306	22
No. 2 manifold stay x No. 2 front exhaust pipe assembly	40	408	30

EXHAUST PIPE (for #71, #76 Series)

Part Tightened	N*m	kgf*cm	ft.*lbf	in.*lbf
Exhaust pipe damper x Front exhaust pipe assembly	19	194	14	
Exhaust pipe support cushion x Front exhaust pipe assembly, Body	5.5	56		49
Front exhaust pipe assembly x Exhaust manifold sub-assembly RH	43	438	32	
Exhaust pipe support cushion x No. 2 front exhaust pipe assembly, Body	5.5	56		49
No. 2 front exhaust pipe assembly x Exhaust manifold sub-assembly LH	43	438	32	
Exhaust pipe support cushion x Center exhaust pipe assembly, Body	5.5	56		49
Center exhaust pipe assembly x Front exhaust pipe assembly, No. 2 front exhaust pipe assembly	43	438	32	
No. 2 exhaust pipe support stay x Exhaust pipe clamp	10	102	7	
Exhaust pipe support cushion x No. 2 exhaust pipe support stay	5.5	56		49
Exhaust pipe support cushion x Tailpipe assembly, Body	5.5	56		49
Tailpipe assembly x Center exhaust pipe assembly	48	489	35	

EXHAUST PIPE (for #78, #79 Series)

Part Tightened		N*m	kgf*cm	ft.*lbf	in.*lbf
Exhaust pipe damper x Front exhaust pipe assembly		19	194	14	
Exhaust pipe support cushion x Front exhaust pipe assembly, Body		5.5	56		49
Front exhaust pipe assembly x Exhaust manifold sub-assembly RH		43	438	32	
Exhaust pipe support cushion x No. 2 front exhaust pipe assembly, Body		5.5	56		49
No. 2 front exhaust pipe assembly x Exhaust manifold sub-assembly LH		43	438	32	
for Double Cab	Exhaust pipe support cushion x Center exhaust pipe assembly, Body	5.5	56		49
	Center exhaust pipe assembly x Front exhaust pipe assembly, No. 2 front exhaust pipe assembly	43	438	32	
Exhaust pipe support cushion x Center exhaust pipe assembly, Body		5.5	56		49
Center exhaust pipe sub-assembly x Front exhaust pipe assembly		48	489	35	
Exhaust pipe support cushion x No. 2 center exhaust pipe assembly, Body		5.5	56		49
No. 2 center exhaust pipe sub-assembly x No. 2 front exhaust pipe sub-assembly		48	489	35	
No. 3 center exhaust pipe assembly x Center exhaust pipe assembly, No. 2 center exhaust pipe assembly		43	438	32	
for Double Cab	No. 2 center exhaust pipe assembly x Center exhaust pipe assembly	48	489	35	
Exhaust pipe support cushion x Tailpipe assembly, Body		5.5	56		49
for Double Cab	Tailpipe assembly x Center exhaust pipe assembly	48	489	35	
Tailpipe assembly x No. 3 center exhaust pipe assembly		48	489	35	