

TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
EGR w/cooler pipe sub-assy x Exhaust manifold assembly	39.2	400	29
Exhaust manifold assembly x Cylinder head	41.7	425	31
EGR w/cooler pipe sub-assy x Intake pipe assembly	19.6	200	14
Intake pipe bracket x Intake pipe assembly	19.6	200	14
Intake pipe bracket x Cylinder head	19.6	200	14
Heat insulator x Cylinder head	18.1	185	13.4
Heat insulator x Turbocharger assembly	18.1	185	13.4
Turbocharger assembly x Exhaust manifold assembly	52	530	38
Turbo oil pipe x Turbocharger assembly	7.8	80	69 in.·lbf
No.1 turbo water pipe x Turbocharger assembly	7.8	80	69 in.·lbf
Turbo outlet elbow x Turbocharger assembly	52	530	38
Compressor inlet elbow x Turbocharger assembly	19.6	200	14
Turbocharger stay x Cylinder block	117.7	1200	86.8
Turbocharger stay x Turbocharger assembly	117.7	1200	86.8
Compressor outlet elbow x Turbocharger assembly	19.6	200	14