

## EXHAUST SYSTEM

Part tightened	N-m	kgf-cm	ft-lbf
Front exhaust pipe x Exhaust manifold (4A–FE)	62	630	46
Front exhaust pipe x Catalytic converter (4A–FE)	43	440	32
Front exhaust pipe x Catalytic converter (3S–GTE and 5S–FE)	62	630	46
Center exhaust pipe x Catalytic converter (4A–FE)	43	440	32
Front exhaust pipe x Center exhaust pipe (3S–GTE and 5S–FE)	43	440	32
Center exhaust pipe x Tailpipe (4A–FE and 3S–GTE)	43	440	32
Center exhaust pipe x Tailpipe (5S–FE)	21	210	15

## TURBOCHARGER SYSTEM

### Specifications

Turbocharger	Turbocharging pressure	49 – 81 kPa (0.50 – 0.83 kgf/cm <sup>2</sup> , 7.1 – 11.8 psi)
	Impeller wheel axial play	0.13 mm (0.0051 in.) or less
	Impeller wheel radial play	0.18 mm (0.0071 in.) or less

### Torque Specifications

Part tightened		N-m	kgf-cm	ft-lbf
Turbine outlet elbow x Turbocharger		64	650	47
Side bearing housing plate x Turbocharger		11	120	9
Turbo water pipe x Turbocharger		11	120	9
Turbocharger x Exhaust manifold		64	650	47
Turbo oil pipe x Turbocharger		17	175	13
Turbo oil pipe x Cylinder block	Bolt	43	440	32
	Union bolt	51	525	38
Turbocharger stay x Turbocharger		69	705	51
Turbocharger stay x Cylinder block		59	600	43
Oxygen sensor x Turbine outlet elbow		44	450	33

## MFI AND SFI SYSTEMS (4A–FE)

### Specifications

Fuel pressure regulator	Fuel pressure at no vacuum	2655 – 304 kPa (2.7 – 3.1 kgf/cm <sup>2</sup> , 38 – 44 psi)
Injector	Resistance Injection volume Difference between each injector Fuel leakage	Approx. 13.8 kΩ 40 – 50 cm <sup>3</sup> (2.4 – 3.1 cu in.)/15 sec. 5 cm <sup>3</sup> (0.31 cu in.) or less One drop or less per minute
Throttle body	Throttle body fully closed angle	6°