

# TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf	
No.1 idler pulley (Timing belt tensioner) x Timing belt case	42.5	425	31	
No.2 timing belt cover x No.1 camshaft bearing cap	6	60	52 in.·lbf	
No.2 timing belt cover x Timing belt case	6	60	52 in.·lbf	
Air cleaner inlet duct bracket x Cylinder head	18.5	190	14	
No.3 water bypass pipe x Cylinder head	8.5	85	74 in.·lbf	
No.2 cylinder head cover x Air cleaner inlet duct bracket	6.5	65	56 in.·lbf	
No.2 cylinder head cover x No.1 camshaft bearing cap	8.5	85	74 in.·lbf	
Fan pulley (spacer) x Water pump	18.5	185	13	
Air cleaner assembly x Intake manifold	7.5	75	65 in.·lbf	
Air cleaner assembly x Air cleaner inlet duct bracket	7.5	75	65 in.·lbf	
Air cleaner inlet x Radiator fan shroud	5	50	43 in.·lbf	
Fan shroud x Radiator assembly	5.5	50	43 in.·lbf	
Oil pump pulley x Oil pump	27	270	20	
Timing belt plate x Timing belt case	9	90	78 in.·lbf	
No.2 idler pulley x Timing belt case	37	370	27	
Camshaft timing pulley x Camshaft	1st 2nd	35 Turn 90°	350 Turn 90°	25 Turn 90°
No.1 idler pulley (timing belt tensioner) x Timing belt case	42.5	425	31	
Crankshaft pulley x Crankshaft	220	2,200	159	
A/C compressor bracket x Cylinder block	46.5	475	34	
A/C compressor bracket x Timing belt case	46.5	475	34	
A/C compressor x A/C compressor bracket	24.5	250	18	
Camshaft position sensor x Cylinder head	9	90	78 in.·lbf	
Water temperature switch x Cylinder head	20	200	14	
Water outlet x Cylinder head	29	290	21	
Cylinder head x Cylinder block	1st 2nd	50 Turn 90°	500 Turn 90°	36 Turn 90°
Water bypass outlet x Cylinder head	9	90	78 in.·lbf	
Delivery pipe x Cylinder head	18.5	185	13	
No.1 fuel pipe (Fuel pressure pulsation damper) x Delivery pipe	30 for SST	320 270	23 20	
No.1 fuel pipe x Cylinder head	8.5	85	74 in.·lbf	
No.1 fuel pipe x LH engine mounting bracket	35	350	25	
Intake manifold x Cylinder head	28	280	20	
No.1 intake chamber stay x Intake manifold	18.5	185	13	
No.1 intake chamber stay x Cylinder block	18.5	185	13	
No.2 intake chamber stay x Intake manifold	18.5	185	13	
No.2 intake chamber stay x Engine mounting bracket	18.5	185	13	
Camshaft bearing cap x Cylinder head	15	150	11	
No.1 oil pipe x No.1 camshaft bearing cap	64.5	645	47	
No.1 oil pipe x Cylinder block	64.5	645	47	
No.1 oil pipe x Cylinder head	8.5	85	74 in.·lbf	
Oil dipstick guide x Intake manifold	5.5	55	48 in.·lbf	
Cylinder head cover x Cylinder head	15	150	11	

## SERVICE SPECIFICATIONS - ENGINE MECHANICAL

Exhaust manifold x Cylinder head	40	410	30	
Heat insulator x Exhaust manifold	18.5	190	14	
Front exhaust pipe x Exhaust manifold	43	440	32	
Exhaust manifold stay x Transmission	40	410	30	
No.1 engine hanger x Cylinder head	25	250	18	
No.2 engine hanger x Cylinder head	25	250	18	
Stiffener plate x Transmission	37	380	27	
Stiffener plate x Cylinder block	37	380	27	
Transmission x Cylinder block	14 mm head	37	380	27
	17 mm head	72	730	53
Starter x Transmission	37	380	27	
Rear engine mounting member x Frame crossmember	25.5	260	19	
Rear engine mounting member x Rear engine mount insulator	13.5	135	10	
Front engine mounting insulator x Front suspension	53	540	39	
Clutch release cylinder x Transmission	12	120	9	
PS vane pump x PS vane pump bracket	Pivot bolt	58	459	43
	Adjusting bolt	39	400	29
Propeller shaft x Differential	74	750	54	
Sliding yoke x Intermediate shaft	35	360	26	
Sliding yoke x Control valve shaft	35	360	26	
Fuel inlet hose x Fuel support	29	300	22	
Main bearing cap x Cylinder block	60	600	43	
Connecting rod cap x Connecting rod	50	500	36	
Rear oil seal retainer x Cylinder block	8.5	85	74 in.·lbf	
Timing belt case x Cylinder block	12 mm head	18.5	185	13
	14 mm head	37.5	375	27
PS vane pump bracket x Timing belt case	19	195	14	
PS vane pump bracket x Cylinder block	39	400	29	
Engine mounting bracket x Cylinder block	35	350	25	
No.2 heater water outlet pipe x Cylinder block	9.5	95	82 in.·lbf	
No.2 heater water outlet pipe x Timing belt case	9.5	95	82 in.·lbf	
Engine coolant drain union x Cylinder block	25	250	18	
Oil filter union x Cylinder block	30	300	22	
Drive plat (A/T) x Cylinder block	75	750	54	
Flywheel (M/T) x Cylinder block	75	750	54	
Front exhaust pipe x Exhaust manifold	43	440	32	
Center exhaust pipe x Front exhaust pipe	43	440	32	
Tailpipe x Center exhaust pipe	43	440	32	
Exhaust manifold stay x Transmission	40	410	30	
Oxygen sensor (Bank 1 sensor 2) x Center exhaust pipe	44	450	32	