

TORQUE SPECIFICATION

| Part tightened | N·m | kgf·cm | ft·lbf |
|--|----------------|----------|------------|
| No.1 idler pulley x Cylinder Block | 34.5 | 350 | 25 |
| No.2 idler pulley x Cylinder Block | 34.5 | 350 | 25 |
| Hydraulic pump x Cylinder block | for 12 mm head | 16 | 160 |
| | for 14 mm head | 30 | 310 |
| Crankshaft pulley x Crankshaft | 245 | 2,500 | 181 |
| Camshaft timing pulley x Camshaft | 108 | 1,100 | 80 |
| Timing belt tensioner x Oil pump | 26 | 270 | 20 |
| Drive belt tensioner x Cylinder block | 16 | 160 | 12 |
| RH No.2 timing belt cover x Cylinder block | for 12 mm head | 16 | 160 |
| Drive belt idler pulley x Hydraulic pump | 37 | 380 | 27 |
| A/C compressor x Cylinder block | 49 | 500 | 36 |
| A/C compressor x Hydraulic pump | 49 | 500 | 36 |
| A/C compressor stay x Oil filter bracket | 29 | 300 | 22 |
| Exhaust manifold x Cylinder head | 44 | 450 | 33 |
| Cylinder head x Cylinder block | 1st | 39 | 400 |
| | 2nd | Turn 90° | Turn 90° |
| Camshaft bearing cap x Cylinder head | 16 | 160 | 12 |
| Cylinder head cover x Cylinder head | 6.0 | 60 | 53 in.·lbf |
| Engine hanger x Cylinder head | 37 | 380 | 27 |
| EGR pipe x RH exhaust manifold | 18 | 185 | 13 |
| Rear water bypass joint x Cylinder head | 18 | 185 | 13 |
| Front water bypass joint x Cylinder head | 18 | 185 | 13 |
| Intake manifold x Cylinder head | 18 | 185 | 13 |
| Air intake chamber x Intake manifold | 18 | 185 | 13 |
| Timing belt rear plate x Cylinder head | 7.5 | 80 | 69 in.·lbf |
| Water outlet housing x Cylinder block | 18 | 185 | 13 |
| Main bearing stud bolt x Cylinder block | 15 | 150 | 11 |
| Main bearing cap x Cylinder block | for nut (1st) | 27 | 275 |
| | (2nd) | Turn 90° | Turn 90° |
| | for bolt | 49 | 500 |
| Connecting rod cap x Connecting rod | 1st | 25 | 250 |
| | 2nd | Turn 90° | Turn 90° |
| Rear oil seal retainer x Cylinder block | 8.0 | 80 | 71 in.·lbf |
| Water seal plate x Cylinder block | 14 | 145 | 10 |
| Water bypass pipe x Cylinder block | 18 | 185 | 13 |
| Oil pump x Cylinder block | 12 mm head | 16 | 160 |
| | 14 mm head | 30 | 310 |
| Engine mounting bracket x Cylinder block | 37 | 380 | 27 |
| Drive plate x Crankshaft | 98 | 1,000 | 72 |
| Transmission oil cooler pipe x Transmission | for union nut | 34 | 350 |
| Rear engine mounting member x Body | 25 | 250 | 19 |
| Rear engine mounting member x Rear engine mounting insulator | 13 | 135 | 10 |
| Front suspension crossmember x Engine mounting insulator | 59 | 600 | 43 |
| PS pump x Cylinder head | for bolt | 39 | 400 |
| | for nut | 43 | 440 |

| Part tightened | N-m | kgf-cm | ft-lbf |
|--|-----|--------|--------|
| Center floor crossmember brace x Body | 13 | 130 | 9 |
| Fuel inlet hose x Fuel tube | 30 | 310 | 22 |
| TWC (Front) x Exhaust manifold | 62 | 630 | 46 |
| Front exhaust pipe x TWC (Front) | 43 | 440 | 32 |
| Front exhaust pipe support bracket x Transmission | 43 | 440 | 32 |
| Front exhaust pipe x Center exhaust pipe | 43 | 440 | 32 |
| Center exhaust pipe x Tailpipe | 19 | 195 | 14 |
| Heated oxygen sensor (Sensor 2) x Front exhaust pipe | 44 | 450 | 33 |