# SERVICE SPECIFICATIONS

## SERVICE DATA

EG09H-02

| | | |
|---|---|---|
| Oil pressure | At idle speed (normal operating temperature) | 29 kPa (0.3 kgf/cm², 4.3 psi) or more |
| | At 3,000 rpm (normal operating temperature) | 245 — 490 kPa (2.5 — 5.0 kgf/cm², 36 — 71 psi) |
| Oil pump | Body clearance (STD) | 0.100 — 0.170 mm (0.0039 — 0.0067 in.) |
| | Body clearance (Maximum) | 0.30 mm (0.0118 in.) |
| | Tip clearance (STD) | 0.030 — 0.160mm (0.0012 — 0.0063 in.) |
| | Tip clearance (Maximum) | 0.25 mm (0.0098 in.) |
| | Side clearance (STD) | 0.030 — 0.090 mm (0.0012 — 0.0035 in.) |
| | Side clearance (Maximum) | 0.15 mm (0.0059 in.) |

EG

## TORQUE SPECIFICATIONS

EG0NY-02

| Part tightened | N·m | kgf·cm | ft·lbf |
|---|---|---|---|
| Oil pan x Drain plug | 25 | 250 | 18 |
| Oil pump x Relief valve plug | 49 | 500 | 36 |
| Oil pump cover x Oil pump | 10 | 105 | 8 |
| Oil pump x Cylinder block | 21 | 210 | 15 |
| Drive belt idler pulley x Oil pump | 43 | 440 | 32 |
| Oil strainer x No.1 oil pan | 20 | 200 | 14 |
| Baffle plate x No.1 oil pan | 7.8 | 80 | 69 in.·lbf |
| No.1 oil pan x Cylinder block (14 mm head bolt) | 43 | 440 | 32 |
| No.1 oil pan x Cylinder block (12 mm head bolt) | 20 | 200 | 14 |
| No.1 oil pan x Oil pump (Timing chain cover) | 20 | 200 | 14 |
| No.2 oil pan x No.1 oil pan (Bolt) | 7.8 | 80 | 69 in.·lbf |
| No.2 oil pan x No.1 oil pan (Nut) | 8.8 | 90 | 78 in.·lbf |
| No.1 oil pan x Transmission housing | 72 | 730 | 53 |
| Oil level sensor x No.1 oil pan | 5.4 | 55 | 48 in.·lbf |
| Radiator pipe x No.1 oil pan | 21 | 210 | 15 |
| A/C compressor bracket x No.1 oil pan | 37 | 375 | 27 |
| A/C compressor bracket x Cylinder block | 37 | 375 | 27 |
| A/C compressor x A/C compressor bracket | 25 | 250 | 18 |
| Oil cooler x Oil cooler cover | 17 | 170 | 12 |
| Oil cooler cover x Cylider block | 21 | 210 | 15 |
| No.1 exhaust manifold x Cylinder head | 39 | 400 | 29 |
| No.1 exhaust manifold x Heat insulator | 20 | 195 | 14 |
| Air pipe x Cylinder head | 20 | 200 | 14 |
| Air pipe x Exhaust manifold | 21 | 210 | 15 |
| Air pipe x PAIR reed valve | 21 | 210 | 15 |
| Front exhaust pipe assembly x Exhaust manifold | 62 | 630 | 46 |
| No.1 suuport bracket x Transmission housing | 39 | 400 | 29 |
| Front exhaust pipe assembly x No.3 front exhaust pipe | 39 | 400 | 29 |
| Oil check valve x Cylinder block | 25 | 250 | 18 |