

SERVICE SPECIFICATIONS

SERVICE DATA

EG00H-02

Oil pressure	At idle speed (normal operating temperature) At 3,000 rpm (normal operating temperature)	29 kPa (0.3 kgf/cm ² , 4.3 psi) or more 245 – 490 kPa (2.5 – 5.0 kgf/cm ² , 36 – 71 psi)
Oil pump	Body clearance (STD) Body clearance (Maximum) Tip clearance (STD) Tip clearance (Maximum) Side clearance (STD) Side clearance (Maximum)	0.100 – 0.170 mm (0.0039 – 0.0067 in.) 0.30 mm (0.0118 in.) 0.030 – 0.160mm (0.0012 – 0.0063 in.) 0.25 mm (0.0098 in.) 0.030 – 0.090 mm (0.0012 – 0.0035 in.) 0.15 mm (0.0059 in.)

TORQUE SPECIFICATIONS

EG00Y-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 Cylinder 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 support 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