# ENGINE MECHANICAL

## SERVICE DATA

031EB–01

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| Ignition timing | Terminals TC and CG of DLC3 connected | 10 ± 2° BTDC at idle (Transmission in neutral position) |
| | Terminals TC and CG of DLC3 disconnected | 7 to 24° BTDC at idle (Transmission in neutral position) |
| Idle speed | | 700 ± 50 rpm (Transmission in neutral position) |
| Compression | Compression pressure | 1.3 MPa (13.3 kgf/cm$^2$, 189 psi) or more |
| | Minimum pressure | 1.0 MPa (10.2 kgf/cm$^2$, 145 psi) |
| | Difference between each cylinder | 0.1 MPa (1.0 kgf/cm$^2$, 15 psi) or less |
| Valve clearance | | |
| Intake | (cold) | 0.15 to 0.25 mm (0.006 to 0.010 in.) |
| Exhaust | | 0.29 to 0.39 mm (0.011 to 0.015 in.) |
| Intake manifold | | |
| Intake air surge tank side warpage | Maximum | 0.8 mm (0.031 in.) |
| Cylinder head side warpage | | 0.2 mm (0.008 in.) |
| Exhaust manifold | | |
| Warpage | Maximum | 0.7 mm (0.028 in.) |
| Cylinder head set bolt | | |
| Outside diameter | Standard | 10.85 to 11.00 mm (0.4272 to 0.4331 in.) |
| | Minimum | 10.7 mm (0.421 in.) |