

Standards and Service Limits

Air Conditioning — Section 22

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| | MEASUREMENT | STANDARD (NEW) |
| Air conditioning system | Lubricant type: DENSO: ND-OIL 8 (P/N 38897 – PR7 – A01AH or 38899 – PR7 – A01) Lubricant capacity Condenser Evaporator Line or hose Reservoir | 10 (1/3) 10 (1/3) 20 (2/3) 10 (1/3) |
| Compressor (DENSO) | Lubricant type: ND-OIL 8 (P/N 38897–PR7–A01AH or 38899–PR7–A01) Lubricant capacity ml (fl oz) Field coil resistance at 68°F (20°C) Ω Pulley-to-pressure plate clearance | 160 (5 1/3) 3.4 – 3.8 0.5 ± 0.15 (0.020 ± 0.006) |
| Compressor belt* ¹ | Deflection with 98 N (10 kgf, 22 lbf) between pulleys Belt tension N (kgf, lbf) Measured with belt tension gauge | 10 – 12 (0.39 – 0.47) with used belt 5.5 – 7.5 (0.22 – 0.30) with new belt 340 – 540 (35 – 55, 77 – 120) with used belt 690 – 880 (70 – 90, 150 – 200) with new belt |

Electrical — Section 23

| Electrical — Section 23 | | | |
|-------------------------|---|--|---------------|
| | MEASUREMENT | STANDARD (NEW) | SERVICE LIMIT |
| Ignition coil | Rated voltage V | 12 | |
| | Primary winding resistance at 77°F (25°C) Ω | 0.9 – 1.1 | |
| Spark Plug | Type | PFR6G-11 (NGK), PK20PR-L11 (DENSO) | |
| | Gap | 1.1 $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$ (0.043 $\begin{smallmatrix} 0 \\ -0.004 \end{smallmatrix}$) | 1.3 (0.051)*2 |
| Ignition timing | At idling | 15° ± 2° (Red) BTDC | |
| Firing order | | 1 – 4 – 2 – 5 – 3 – 6 | |
| Alternator belt*1 | Deflection with 98 N (10 kgf, 22 lbf) between pulleys | 11.0 – 13.5 (0.43 – 0.53) with used belt 6 – 8 (0.24 – 0.31) with new belt | |
| | Belt tension N (kgf, lbf) Measured with belt tension gauge | 440 – 640 (45 – 65, 99 – 143) with used belt 880 – 1,080 (90 – 110, 198 – 243) with new belt | |
| Alternator | Output 13.5 V at normal operating Temperature A at 6,000 rpm | 120 | 112 |
| | Brush length | 10.5 (0.41) | 3.5 (0.14) |
| Starting motor | Type/Output kW | Reduction/1.4 | |
| | Mica depth | 0.5 – 0.8 (0.02 – 0.03) | |
| | Commutator runout | 0 – 0.02 (0 – 0.0008) | |
| | Commutator O.D. | 29.9 – 30.0 (1.177 – 1.181) | |
| | Brush length | 15.0 – 15.5 (0.591 – 0.610) | |
| | Brush spring tension N (kgf, lbf) | 17.7 – 23.5 (1.80 – 2.40, 4.0 – 5.3) | |

*1: When using a new belt, adjust deflection or tension to new values. Run the engine for 5 minutes then turn it off. Readjust deflection or tension to used belt values.

*2: Do not adjust the gap, replace spark plug if it is out of specification.