

**Air Conditioning — Section 22**

	MEASUREMENT	STANDARD (NEW)
Air conditioning system	Lubricant type: NIPPONDENSO: ND-OIL 8 (P/N 38899-PR7-A01)	
	Lubricant capacity cc (US oz, Imp oz)	Condenser Evaporator Line or hose Reservoir
Compressor (NIPPONDENSO)	Lubricant type: ND-OIL 8 (38899-PR7-A01) Lubricant capacity cc (US oz, Imp oz) Field coil resistance at 68°F (20°C) Ω Pulley-to-pressure plate clearance	10 (0.34, 0.28) 10 (0.34, 0.28) 20 (0.68, 0.56) 10 (0.34, 0.28)
Compressor belt* <sup>1</sup>	Deflection with 100 N (10 kg, 22 lbs) between the pulleys	130-160 (4.4-5.4, 4.6-5.6) 3.4-3.8 0.35-0.65 (0.014-0.026)
	Belt tension N (kg, lbs) 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
		350-550 (35-55, 77-121) with used belt 700-900 (70-90, 154-198) with new belt

**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	See section 23	1.3 (0.051)* <sup>2</sup>
	Gap	1.1 $\begin{smallmatrix} +0 \\ -0.1 \end{smallmatrix}$ (0.043 $\begin{smallmatrix} +0 \\ -0.004 \end{smallmatrix}$ )	
Ignition timing	At idling	15° ± 2° (Red) BTDC	
Alternator belt* <sup>1</sup>	Deflection with 100 N (10 kg, 22 lbs) between pulleys	12-14 (0.47-0.55) with used belt 7-9 (0.28-0.35) with new belt	
	Belt tension N (kg, lbs) Measured with belt tension gauge	450-650 (45-65, 99-143) with used belt 900-1100 (90-110, 198-243) with new belt	
Alternator	Output 13.5 V at normal operating temperature A @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)	0.2 (0.008)
	Commutator runout	0-0.02 (0-0.0008)	0.05 (0.002)
	Commutator O.D.	29.9-30.0 (1.177-1.181)	29.0 (1.142)
	Brush length	15.0-15.5 (0.591-0.610)	10.0 (0.394)
	Brush spring tension N (kg, lbs)	18.0-24.0 (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 spec.