

Standards and Service Limits

Air Conditioner — Section 22

	MEASUREMENT	STANDARD (NEW)
Air conditioner system	Lubricant capacity cc (US oz, Imp oz) Condenser Evaporator Line or hose Reservoir	30 (1.01, 1.06) 60 (2.03, 2.11) 10 (0.34, 0.35) 10 (0.34, 0.35)
Compressor	Lubricant capacity cc (US oz, Imp oz) Stator coil resistance at 20°C (68°F) Ω Pulley-to-pressure plate clearance	110–140 (3.72–4.73, 3.87–4.93) 3.4–3.8 0.35–0.65 (0.014–0.026)
Compressor belt	Deflection with 100 N (10 kg, 22 lb) between the pulleys	8-10 (0.31–0.39) with used belt 5.0–6.5 (0.20–0.26) with new belt

Electrical — Section 23

	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Ignition coil	Rated voltage V Primary winding resistance Ω at 25°C (77°F)	12 1.0 \pm 10%	
Spark plug	Type	See Section 23	
Ignition timing	At idling ° BTDC	15° \pm 2° (Red)	
Alternator belt	Deflection with 100 N (10 kg, 22 lb) between pulleys	9.5–11.5 (0.37–0.45) with used belt 5.5–7.5 (0.22–0.30) with new belt	
	MEASUREMENT	STANDARD (NEW)	SERVICE LIMIT
Alternator	Output 13.5 V at hot A @6,000 rpm Coil resistance (rotor) Ω Slip ring O.D. Brush length Brush spring tension g (oz)	110 2.7–3.1 14.2–14.4 10.5 300–360 (10.6–12.7)	102 — 12.8 3.5 —
Starting motor (MITSUBISHI)	Type/Output kW Mica depth Commutator runout Commutator O.D. Brush length Brush spring tension N (kg, lb)	Reduction, Permanent magnet/2.0 0.5–0.8 (0.020–0.031) 0–0.05 (0–0.002) 31.9–32.1 (1.256–1.264) 18.0 (0.709) 29.7–36.3 (2.97–3.63, 6.55–8.00)	— 0.2 (0.008) 0.1 (0.004) 31.5 (1.240) 11.0 (0.433) —
Starting motor (MITSUBA)	Type/Output kW Mica depth Commutator runout Commutator O.D. Brush length Brush spring tension N (kg, lb)	Reduction, Permanent magnet/2.0 0.4–0.5 (0.016–0.020) 0–0.02 (0–0.001) 32.0–32.1 (1.260–1.264) 16.8–17.2 (0.66–0.68) 17–19 (1.7–1.9, 3.75–4.19)	— 0.15 (0.006) 0.05 (0.002) 31.5 (1.240) 10.0 (0.39) —