

Service Checklist for ICEPACK 2000 ES

1000 Hour Service Interval



Services are straightforward and generally take less than 1 hour. The unit should be blown out with compressed air at all services. Pay careful attention to condenser, alternator and motor cooling fins. Change the oil and oil filter at 1000 Hour service intervals, oil filter must be changed.

- ☐ **Engine Oil** Monograde **40**. Low detergent only, every 1000 Hrs at 3L per oil. **DO NOT** use synthetic oil in Icepack units, and we also advise strongly against the use of Multigrade Oils following the results of our testing. Haultech recommend **Gulf Western – (Turboil 40)** available in 5L, 20L and 205L drums.
- ☐ Check Air Filter regularly and replace if necessary or replace at 1000Hrs.
- ☐ Fuel filter: change every 1000 Hrs.
- ☐ Belts: Check and adjust the drive belts.
- ☐ Check charge voltage (13.0V compressor engaged and 14.3V compressor dis-engaged). Engine running at 2150 rpm.
- ☐ Check operation of fan.
- ☐ Check integrity of frame mounting bolts.
- ☐ Check the evaporator cooling performance and for clear sight glass in the receiver drier, also check evaporator drain tubes.
- ☐ General check over for loose fitting parts, or equipment rubbing or signs of oil, fuel and refrigerant leaks.
- ☐ Check icepack for wiring loom integrity.
- ☐ Valve Clearance. Adjust every 1000 Hrs. (0.25mm on both Inlet and Exhaust).
- ☐ Re-Check oil warm – **DO NOT** over fill.

Parts

Air Conditioner Compressor - SP-2300, CM9312J Cooldrive, CX11291 Ashdown

Air Filter – SP-2132, Donaldson G042545

Alternator - SP-2160, All Icepack Alternators use a dual voltage regulator 73mm drive pulley

Icepack Belts – SP-2242, 13A0940. Belts must always be replaced in pairs

Condenser – SP-2314, CNA105 Cooldrive

Icepack Fan – SP-2143, 16264-74110 Kubota

Evaporator - SP-2322, EV2206 Cooldrive

Fuel Consumption - Icepack ES Series engines use approx 0.44 Litre, Per Hour of running

Fuel Filter all engines - Donaldson P550440, WIX 33777

Fuel pump - SP-2119, FPX008 (Or FPX008BL)Available through Ashdown

Oil Filter - SP-2225, Donaldson P559128

Receiver Dryer - SP-2250, RD2089 or SP- 2252 RD2088 either drier may be required depending on the various mounting options.

Thermostat - SP-2306, TSX7004 Ashdown

TX Valve - SP-2305

All other parts and technical information, and wiring diagrams are available by contacting our head office.

Wiring Colour Codes

Black.....Earth	Blue.....Compressor control
Black with white trace.....Alternator Voltage	Green.....Shut Down
Red.....Permanent Live	Yellow.....Start
Brown.....Switched power	White.....Switch signal
Blue with black trace.....Temperature sender	Blue with red stripe.....24v charge signal
White with black trace.....Oil pressure switch	

DISCONNECT BATTERIES PRIOR TO WELDING ON VEHICLE

WARRANTY CONDITIONS: Icepack Warranty extends for a period of 12 Months from the, In service date of the prime mover. All repairs must be pre-approved and authorised by Haultech Engineering. Haultech Engineering recommends that repairs be carried out only by their authorised service/repair agents throughout Australia. Service intervals as listed above must be followed and documented to be considered for warranty coverage. This warranty applies only to components and materials considered faulty by Haultech Engineering for repair, and not for any other associated costs or damages incurred by the operator.

ICEPACK Head Office

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Authorised Agents

Brisbane: Icepack - 1800 625 746

Darwin: N.T Auto Air - 0418893043

Townsville: Peter Clarke Air Conditioning - 07 4774 6802

Toowoomba: Icepack Services - 07 46340165

Perth: Western Air Icepack Services - 0438 606 106

Bendigo: Trans Air & Electrical - 0429 842 644

Melbourne: Truck Air - 0418 538 509

Adelaide: Truck Art - 08 82626399

Maitland: SLS Custom Stainless - 02 4932 6304

Sydney: A & I Auto Electrics - 02 9609 8200 - MVM St Marys - 02 98331911

