

SAFETY CAB

**BLOWER, HEATER
AND
AIR-CON KITS**

INSTRUCTION MANUAL AND PARTS LIST

**THIS MANUAL SHOULD BE REGARDED AS PART OF THE EQUIPMENT,
AS IT GIVES ESSENTIAL INFORMATION REGARDING SAFETY,
OPERATION AND SPECIFICATIONS**

**FROM SERIAL NO. CODE 976V001001 (BLOWER), CODE 977V001001 (HEATER),
CODE 978V001001 (AIR-CON).**

MANUAL PART NO. 976003 (Rev.0.)

ISSUE: 10.07.02

ATTENTION



**THIS SYMBOL MEANS
BE ALERT!**

YOUR SAFETY IS INVOLVED

**THESE KITS ARE DESIGNED FOR USE WITH THE OPTIONAL SAFETY CAB
FITTED TO THE T424, FM524, LT322 AND LT324 TURF MOWERS.**

**READ THIS MANUAL BEFORE FITTING OR USING THE EQUIPMENT.
IT IS ESSENTIAL THAT THE SERVICE PERSONNEL AND OPERATORS STUDY IT
FOR THEIR OWN SAFETY.**

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INTRODUCTION

The Blower (Code 976V), Heater (Code 977V) and Air-con (Code 978V) kits are designed for use with the Safety Cab (Code 964V), to progressively enhance the operator environment. Full air conditioning requires fitment of all three kits by a qualified technician. The air-conditioning charging procedure may only be carried out by fully trained personnel.

This manual contains guidance for the correct assembly and operation of the ventilation kits.

In the interest of continuing improvement, Hayter Limited reserve the right to alter specifications without notice.

Left and Right: Throughout this manual the terms Left and Right refer to the machine when looking in the direction of forward travel.

WARRANTY

HAYTER LIMITED warrants to the original user/purchaser that this unit shall be free from defects in material and workmanship for a period of 12 calendar months from the date of delivery. This warranty excludes proprietary items which have the benefit of the supplying manufacturer's warranty.

Engine manufacturers furnish their own warranties and provide services through their authorised network. If you experience any difficulty please contact your specialist Hayter dealer.

It is the end user/purchaser's responsibility to ensure that the service schedule and service book (if applicable) are acted upon. HAYTER LIMITED reserve the right to request inspection of a service book, where relevant at any reasonable time. Failure to keep the service schedule up to date may invalidate the warranty. Owners should therefore satisfy themselves that the products are operated and serviced correctly, particularly where they are operated on a contract or hire basis.

This warranty which is not capable of assignment does not apply to any unit that has been tampered with, altered, misused or abused and **will become invalid if non genuine Hayter parts are fitted**. This warranty does not cover minor adjustments unless they are due to defective materials or workmanship. Consult the operators manual or your authorised Hayter dealer for assistance when making these adjustments.

To make a warranty claim, contact your authorised Hayter dealer through whom the machine was originally supplied, indicating the machine serial number and purchase date. Subject to the conditions and exclusions in this warranty, the authorised dealer will at our option, repair or replace any warranted part within the duration of the warranty period.

This warranty gives you specific legal rights and is in addition to any statutory rights to which you may be entitled and your statutory rights are not affected by this warranty. If you need additional information concerning this written warranty or assistance in obtaining services please write or telephone : HAYTER LIMITED, Service Department, Spellbrook, Bishop's Stortford, Herts., CM23 4BU.
Telephone : (01279) 723444.

READ THIS MANUAL BEFORE FITTING OR USING THE CAB VENTILATION KITS. IT IS ESSENTIAL THAT THE SERVICE PERSONNEL AND OPERATORS STUDY IT FOR THEIR OWN SAFETY.



THESE INSTRUCTIONS ARE IN ADDITION TO THOSE CONTAINED IN THE MACHINE OPERATORS AND SAFETY CAB MANUALS, UNLESS OTHERWISE STATED. READ AND UNDERSTAND THE SEPARATE MACHINE OPERATORS MANUALS BEFORE ATTEMPTING TO FIT OR USE THE EQUIPMENT.

THE FOLLOWING PRECAUTIONS MUST BE TAKEN TO HELP PREVENT ACCIDENTS.

TRAINING



Read the instructions carefully. Be familiar with the use of the equipment.



Ensure that the specified torque settings are adhered to.



All drivers should seek and obtain professional and practical instruction. Such instruction should emphasise the need for care and concentration when working with this equipment.



Refrigerant gas can be harmful to people and the environment. Never disconnect any part of the air-con system without first dis-charging the circuit. Charging and dis-charging of refrigerant gas must be done by a qualified technician.

PREPARATION



Ensure that all lifting equipment is in good condition and has sufficient capacity for the application.



Always seek assistance when lifting heavy or awkward loads.



Always wear eye protection, gloves and suitable extraction when drilling/cutting or filing glass reinforced plastic and similar materials. Dust /particles from glass reinforced plastic can cause extreme irritation to skin/eyes etc. Do not inhale.

MAINTENANCE



Keep all nuts, bolts and screws correctly torqued to be sure that the equipment is in safe working condition.



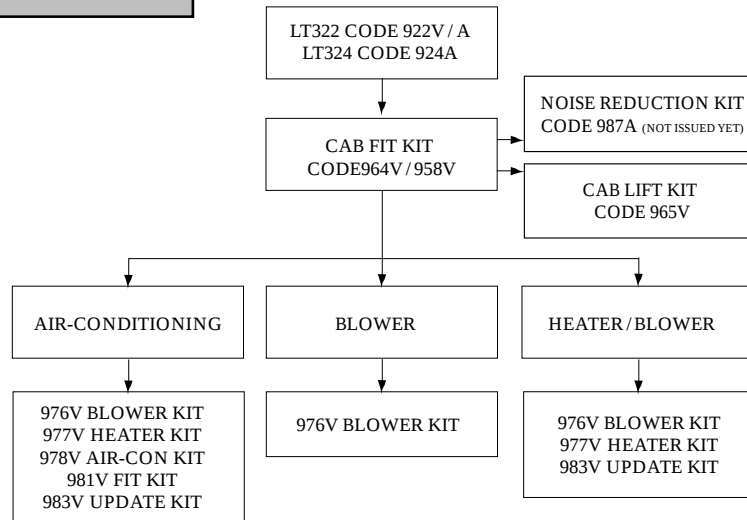
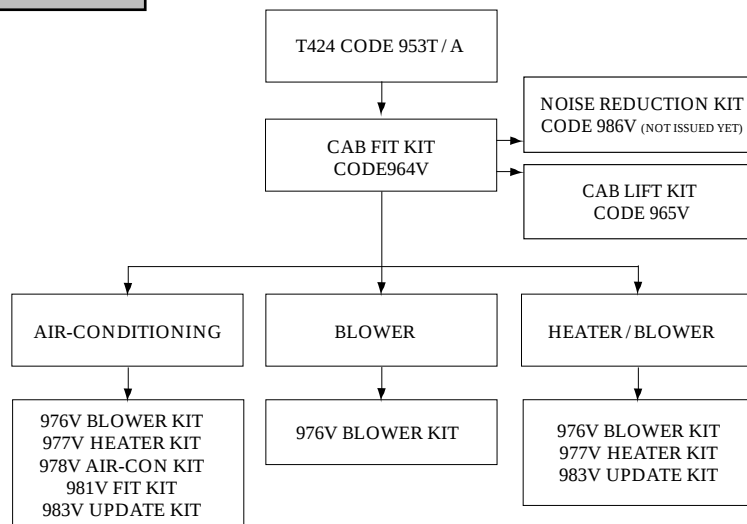
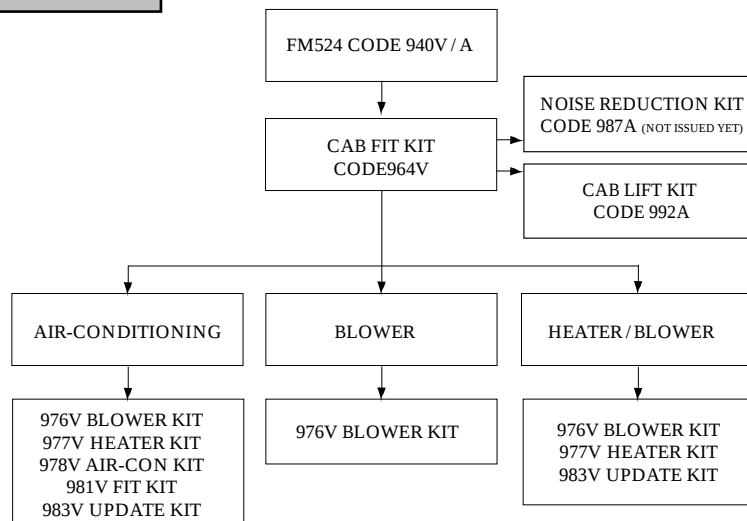
Replace worn or damaged parts for safety.



Refrigerant system must not be disconnected, except by a qualified technician.

Health and Safety at Work Act:

In accordance with section 6 of the Health and safety at Work Act 1974, this equipment has been designed and constructed so that, in so far as is reasonably practical, it will not endanger the safety and health of those working with it. This is, however, subject to the equipment being properly fitted, used and maintained according to the conditions stated in this manual and elsewhere, which have been found necessary as a result of research and testing of Hayter Limited.

LT322/324 CAB & OPTIONS**T424 CAB & OPTIONS****FM524 CAB & OPTIONS**

2PCAB01A

INTRODUCTION

Read and understand the assembly instructions before proceeding.

Refer to the exploded view diagrams at the rear of this manual while carrying out the installation assembly procedures.

All options require installation of the heater.

Full air-conditioning requires installation of heater kit.

Take note of the instructions in bold type which refer to actions which need to be taken if the heater and/or air conditioning options are to be installed.

Park the machine on a flat surface with the cutterheads lowered and the handbrake engaged. Disconnect the battery terminals, first negative (-ve) and then the positive.

Unpack the kit(s) to be installed and check the contents against the relevant parts lists in this manual.

ASSEMBLY - BLOWER KIT

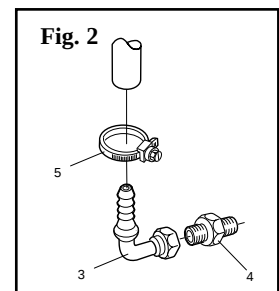
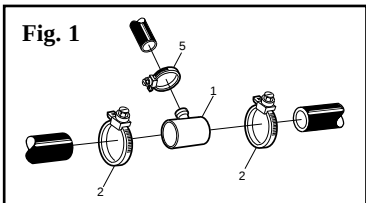
1. Remove four M8 bolts, washers and rubber seals and lift off the cab roof panel.
2. Remove the blanking plate above the front of the windscreen and discard. Remove the M6 panel nuts and discard. Remove the mounting panel (item 3) from the air/pollen filter assembly and install from above using the original M6 screws, washers and three self tapping screws (item 16).
3. Remove two self tapping screws and disconnect the wiring connections, before removing the internal roof panel (item 1) by pushing upwards from inside the cab.
4. **If air conditioning is to be fitted, drill a 10mm diameter hole in each of the front corners of the inner roof panel (Refer to fig. 3. in air-conditioning section).**
5. Use a sharp knife and cut holes through the headlining to suit the three vent nozzles (item 7) and the air/recirculator selector assembly (item 12).
6. Push the three vent nozzles into place from beneath, taking care to align the pegs/notches.
7. Remove the spring loaded operating lever from the air/re-circulator selector and push this into place from beneath. Re-assemble the operating lever.
8. Refit the internal roof panel and re-connect the wiring.
9. Locate the blower housing (item 2) into place on the existing studs and secure using the M6 washers and nyloc nuts provided.
10. Fit the air/re-circulator selector (item 5) and connect the linkage (item 13) to the air/re-circulator selector (item 12)
11. Locate the blower assembly (items 8 & 17) onto the M6 studs in the blower housing (item 2) and secure with the M6 nyloc nuts and washers provided.
Note: If air conditioning is to be fitted, the drain hoses must be fitted at this point. (Refer step 4 in air conditioning section).

ASSEMBLY - BLOWER KIT

12. Carefully route the blower wiring/control switch through the cut out in the blower housing. Use insulating tape to ensure that the wiring is protected at heat blower housing exit. Install the switch plate and knob (items 18, 19 & 20) as shown. Then connect the red wire as shown to No. 6 fuse. (See labels inside fuse box lid). Fit the fuse (10A for the blower or 20A if air-conditioning is to be fitted). Connect the black wire to the earth strip.
13. Refit the air/pollen filter element and cover (items 9 & 11).
- 14. If the heater or air-conditioning kits are to be fitted, proceed to the next section of this manual.**
15. Re-connect the vehicle battery and check the function of the blower. The ignition switch should inhibit the blower when 'off'. Positions 1, 2 & 3 of the blower switch should provide increasing airflow. If not, switch the ignition off and check the wiring connections.
16. Fit the top cover to the blower housing using fourteen self tapping screws. Check that the air/re-circulator selector mechanism operates correctly.
17. Re-fit the cab roof using the original M8 bolts, large washers and rubber seals.

ASSEMBLY - HEATER KIT

1. Install the heater matrix assembly (item 1) on top of the blower mounting duct. Secure in place with the four self tapping screws (item 8) provided.
2. Using a sharp knife cut the larger hole through the headlining to suit the water valve. Dis-assemble the valve and install the bezel from inside the cab, then re-assemble the valve.
3. Feed the heater hoses (item 6) down through the LH and RH front corner posts of the cab. Then connect to the heater matrix and water valve as shown. Cut another length of 1/2" heater hose (item 5) and fit between the water valve (item 2) and heater matrix as shown. Secure all connections with hose clips (item 4) as shown. Allow 50mm of hose to protrude beneath the platform at each corner pillar and cut to suit.
4. Ensure that all cutterheads are in contact with ground before tilting the cab into the service position. Refer to the relevant instruction manual before attempting this procedure. Raise the operator platform to the service position.
5. Drain the engine coolant, sufficiently to enable access to the bottom radiator hose.
6. Fit the elbows (item 3) to each of the heater hoses at the front lower corners of the cab. Connect up two further heater hoses (item 7) and route up through the platform and underneath the front skirt of the cab, then via the cab pivot. Route these hoses through the centre of the machine following the main hydraulic hose routing under the left side of diesel tank and up over the engine. Secure all connections with hose clips as shown.
7. Remove a 15mm section from the bottom radiator hose approximately 100mm from the radiator connection. Insert the T-piece (item 1) and secure with jubilee clips (item 2). Refer to fig.1 and page 1.21.
8. Remove the plug located on the engine thermostat housing and replace with the male/male adaptor. Fit the 90° hose coupling (item 3) onto the adaptor (item 4). Refer fig. 2 and page 1.21.
9. Attach the heater hose (item 7) from the left hand cab pillar to the T-piece connection in the bottom radiator hose and secure with a hose clip. Attach the heater hose from the right cab pillar to the elbow connector on the thermostat housing and secure with a hose clip.
10. Ensure that the heater hoses are routed cleanly and are free from kinks and snags. Finally secure with the tie wraps supplied.
11. Lower the cab/platform assembly and check that the heater hoses remain clear of any obstructions and are free to move around the cab pivot.
12. **If air conditioning is to be fitted proceed to the air conditioning section on page 1.13 of this manual.**
13. Fill the cooling system up to the recommended level with a coolant mixture of the correct strength (refer to the relevant operators manual).
14. Re-connect the battery.
15. Start the engine. Open the water valve (maximum heat). Allow the heater matrix to purge any trapped air, until both hoses feeding to the cab are warm.
16. Fit the top cover to the blower housing using fourteen self tapping screws.
17. Refit the cab roof using the original M8 bolts, large washers and rubber seals.
18. Run the engine up to normal operating temperature and check for water leaks. Stop the engine and leave enough time for the system to cool. Re-check the coolant level and top-up if required.



ASSEMBLY - AIR CONDITIONING KIT

When drilling, take care not to damage adjacent components. Ensure that all swarf is cleared away before operating the mower.

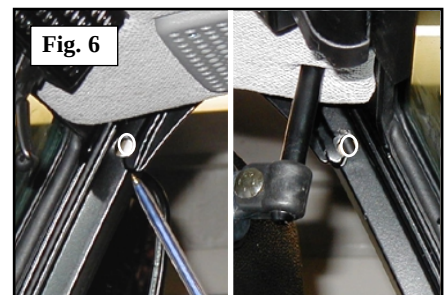
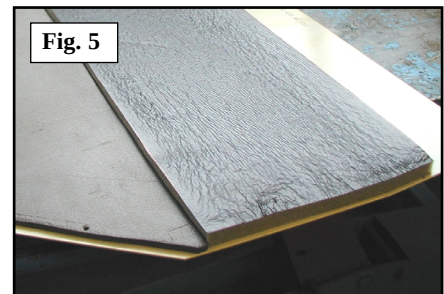
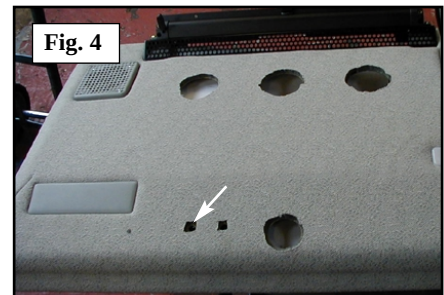
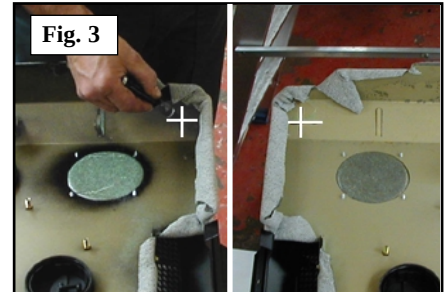
IMPORTANT: The ports of the compressor (Part No. 966100) at the receiver dryer unit (Part No. 966107) and all other ported components must remain sealed until ready for connection to the hoses, in order to prevent exposure to atmospheric contamination.

Ensure that one 10mm diameter hole has been drilled in both front corners of the inner roof panel before proceeding. This operation should have been carried out during installation of the blower unit. Refer to fig. 3.

1. Use a sharp blade to locally cut the fabric from the inner roof panel and fit thermostat control unit, alongside the heater control switch. Refer to fig. 4.
2. Use the self-adhesive foam panels provided and line the inside of the blower-housing box. Also fit panels to the lid using the thick and thin foam. Refer to fig. 5.
3. Drill a 10mm diameter hole in each of the front pillars, from the inside of the cab as shown. The bottom of each hole should be level with the lower edge of the each gusset, at the top of each front pillar as shown. Refer to fig. 6.

Take care not to drill into any hoses or cables already installed in the pillars. A metal shield should be positioned locally inside each pillar while drilling in order to prevent damage.

4. Feed the 8mm nylon hoses down through each of the 10mm holes which were drilled in the inner roof panel and then through the 10mm holes in the front pillars of the cab, refer to fig. 7, until approximately 25mm protrudes beneath the operator platform on each side. Route the upper ends of each nylon hose through into the blower housing. Cut to a suitable length and push firmly onto the connections on each side of the blower mounting duct.
5. Route the capillary tube from the thermostat control unit through into the blower housing and push into the centre of the heater/evaporator matrix assembly. Refer to fig. 8.
6. Carefully note the wiring connections of the heater/blower wiring loom before removing and discarding. Replace with the air conditioning wiring harness provided and take care to ensure that this is connected and routed in the same manner as the loom, which it replaces. Refer to the wiring diagram on page 1.25. Ensure that sufficient insulating tape is used to protect the wiring at the blower housing exit.
7. Drill a suitable hole and assemble the relay, which is connected into the wiring harness, to the front of the blower housing with a self tapping screw as shown. Refer to wiring diagram on page 1.25.
8. Mount the condenser assembly into the rear section of the cab roof compartment using the M6 screws, plain washers and spring washers provided.



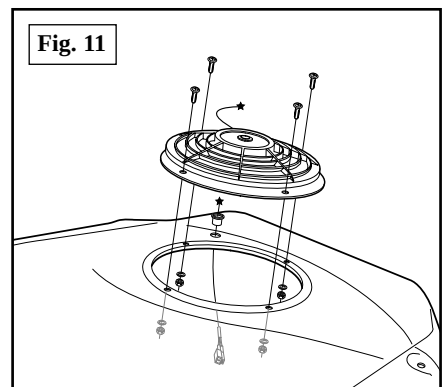
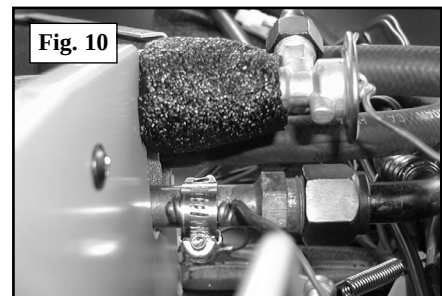
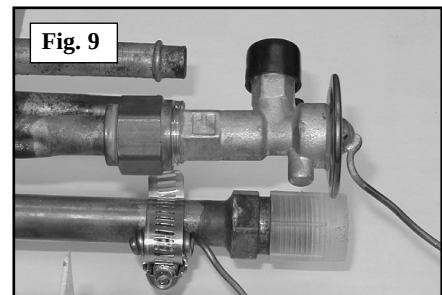
ASSEMBLY - AIR CONDITIONING KIT

9. Assemble the receiver/dryer unit into the rear left hand side of the cab roof compartment and secure to the mounting bracket with the M6 nut, bolt and plain washer provided.
10. Connect the two green wires from the wiring harness through the bulkhead to the pressure switch on the receiver/dryer.
11. Connect the extension-wiring loom to the three-pin connector in the air conditioning wiring harness. Route the extension loom through the bulkhead and along between the bulkhead and the condenser assembly. Feed the long black wire (compressor live) down the right hand rear cab pillar.
12. Release the engine cover and remove the side screens. Detach the wire stays. Remove and retain the pivot bolts. Remove the engine cover. Remove the sealing plate assembly from above the radiator.
13. Remove the top and bottom radiator hoses.
14. Remove the fixing bolts from the oil cooler and lift clear.
15. Remove the fan cowling bolts and remove the radiator.
16. Remove the four fixing bolts from the centre of the cooling fan and remove the fan and cowling. Remove the alternator/water pump drive belt.
17. Use the three M8x40 bolts and M8 heavy-duty spring washers to attach the air-conditioning drive pulley to the engine crankshaft pulley. Apply 'thread-lock' to the fixing bolts and tighten securely.
18. Remove and discard the three M8 fixing bolts, which attach the water pump. Locate the compressor front plate over the water pump housing and secure in place using the three M8x35 bolts and heavy-duty spring washers provided. Take care not to over-torque the fasteners in the aluminium alloy housing to prevent stripping the threads.
19. Remove the two M8 fixing bolts, plain washers and spring washers and lift the throttle bracket to assemble the compressor mounting plate. Also attach to the compressor front plate using the M8x20 bolts and heavy-duty spring washers provided and tighten securely.
20. Mount the compressor unit to the mounting plate with the M8 fasteners provided, as shown.
21. Position the fan cowling, the alternator/water pump drive belt and the compressor drive belt into their respective locations but do not fully assemble at this stage.
22. Position the additional aluminium fan spacer, which is provided in the fitting kit, behind the fan unit and assembly to the pulley using the four M6x55 bolts and M6 spring washers provided.
23. Re-fit the radiator and fan cowling. Ensure that the fan is centrally positioned within the cowling before tightening the fasteners.
24. Re-assemble the oil cooler into the original position and re-fit the sealing plate assembly above the radiator.
25. Fit the idler assembly to the compressor front plate, using the 1/2" UNF setscrew and spring washer provided and tension the compressor drive belt.

**Fig. 8**

ASSEMBLY - AIR CONDITIONING KIT

26. Re-tension the alternator/water pump drive belt. **IMPORTANT: When fitting the following air conditioning hoses it is essential that green air conditioning quality 'O-rings' are used at each connection.**
27. Feed the two long air-conditioning hoses up through the rear right hand cab pillar. For ease of assembly, feed the size 10 (1/2" - bore) hose followed by the size 8 (3/8" - bore) hose. Route the size 10 hose tidily through the roof compartment to the heater/evaporator matrix and connect to the lower evaporator connection.
28. Connect the TX-Valve to the upper evaporator connection on the heater/evaporator matrix.
29. Connect the short size 6 (5/16" - bore) hose to the TX-valve. Route this hose through to the rear of the roof compartment and connect to the front connection of the receiver/drier. **Do not remove the receiver/drier port seals until immediately ready to make the hose connections.**
30. Connect the 1 metre long size 6 hose to the other port of the receiver/drier and connect the other end to the condenser connection, as shown.
31. Connect the size 8 hose from the rear pillar to the remaining connection on the condenser, as shown.
32. Ensure that all hose connections are securely tightened.
33. Lay the capillary sensor tube from the TX-Valve alongside the copper tube, which forms the lower connection to the evaporator matrix (size 10 hose connection). Strap the capillary tube to the copper tube using the jubilee-clip supplied. Refer to fig. 9.
34. Use the anti-condensation tape supplied and insulate the TX-Valve and the evaporator connections as shown. Refer to fig. 10.
35. Strap the two air conditioning hoses along side the live feed cable from the rear light hand cab pillar together with the cable ties supplied. Feed the hose/cable assembly in front of the rear right hand cab support bracket, beneath the diesel tank and route along the hydraulic hose path towards the oil cooler and align with the compressor ports. Leave the slack in the hose/cable assembly between the cab and the engine compartment.
36. Remove the compressor port blanking plate. Immediately fit the two adaptor couplings supplied followed by the size 10 and size 8 hoses and tighten securely.
37. Trim the compressor live feed cable to the necessary length and use a female crimp connector. Connect to the insulated connector on the compressor unit.
38. Cable tie the excess hose to the cab support bracket in such a manner as to not allow the slack to become tensioned when the cab is tilted forwards to the service position. This should be checked on completion. (refer to step 43).
39. Replace the engine cover and the side guards.
40. Use the template supplied and cut one 285mm dia. hole, four 7mm dia. holes and one 14.5 dia. hole in the roof panel. Remove all sharp edges, swarf and dust. Fit the condenser fan unit with the four M6 setscrews, plain washers and nyloc nuts provided. Fit the rubber grommet into the 14.5mm dia. hole and feed the fan connection lead through. Refer to fig. 11.



ASSEMBLY - AIR CONDITIONING KIT

41. Check the inside of the blower housing and assemble the insulated cover with the 14 self-tapping screws provided.
42. Offer up the cab roof panel and connect the condenser fan cable to the connector block alongside the compressor extension lead. Ensure that all wiring and hosing within the roof compartment is tidy and re-fit the cab roof panel using the original M8 bolts, large washers and rubber seals.
43. Consult the relevant instruction manual and tilt the cab platform to the service position. Observe the movement of the air-conditioning hoses during this procedure and ensure that they move freely throughout the range of movement without becoming strained. Make adjustments if necessary. Return the cab to the operating position.
44. Fill the cooling system up to the recommended level with a coolant mixture of the correct strength. (Refer to the relevant operators manual). **IMPORTANT: The air-conditioning system charging procedure must be carried out by a suitable qualified person.**
45. Using suitable equipment, proceed to charge the air-conditioning system. The low viscosity oil, which is supplied in the kit must be injected into the system during the charging procedure.
46. Re-connect the battery.
47. Ensure that the machine is in a safe condition, with the parking brake applied. With the blower fan switched off and the cab temperature control set a maximum, start the engine. Open the water valve (maximum heat condition) and allow the heater matrix to purge any trapped air from the system. Ensure that both heater hoses, which feed the cab are warm. Check for water leaks and tighten any loose connections.
48. After running the engine up to a normal running temperature, re-check for water leaks and tighten any loose connections as necessary. Leave the machine to cool for a sufficient time, then re-check the coolant level and top up if required with a coolant mixture of the recommended strength.
49. Attach the two air-conditioning warning decals to the machine. One of these is to be attached inside the cab to the rear right hand pillar. Refer to fig. 12. The other warning decal is to be affixed within the engine compartment to the right hand side of the cowling fan as shown. Refer to fig. 13.
50. Re-check the operation of the the heating system and ensure that the 3-speed blower fan operates correctly.
51. Set the thermostatic control to the minimum temperature condition and check that the air-conditioning system is fully operational.



OPERATOR CONTROLS

The blower, heater and air-conditioning controls are sited above and behind the operator seat position

‘Heater’ Turn anti-clockwise to increase temperatures.

‘Air’ This controls the fan speed from OFF to LO-MED-HI

‘TEMP’ This controls the evaporator coil temperature, regulating the vent temperature. With the knob turned fully anti-clockwise, the air-conditioning is OFF. Turning clockwise increases the cooling efficiency.

NOTE: Running the air-conditioning and heater together will provide air to assist with de-misting.

MAINTENANCE**Daily**

No maintenance required.

1. Check air intake perforated cover behind the cab. If any debris is collected, remove cover and clear with airline. Ensure perforations on cover are clear.
2. Run air-conditioning system for five minutes as this assists with the life of the hoses.

Monthly

1. Check tension of compressor belt and adjust if necessary.
2. Check hoses for signs of wear and take corrective action as required.

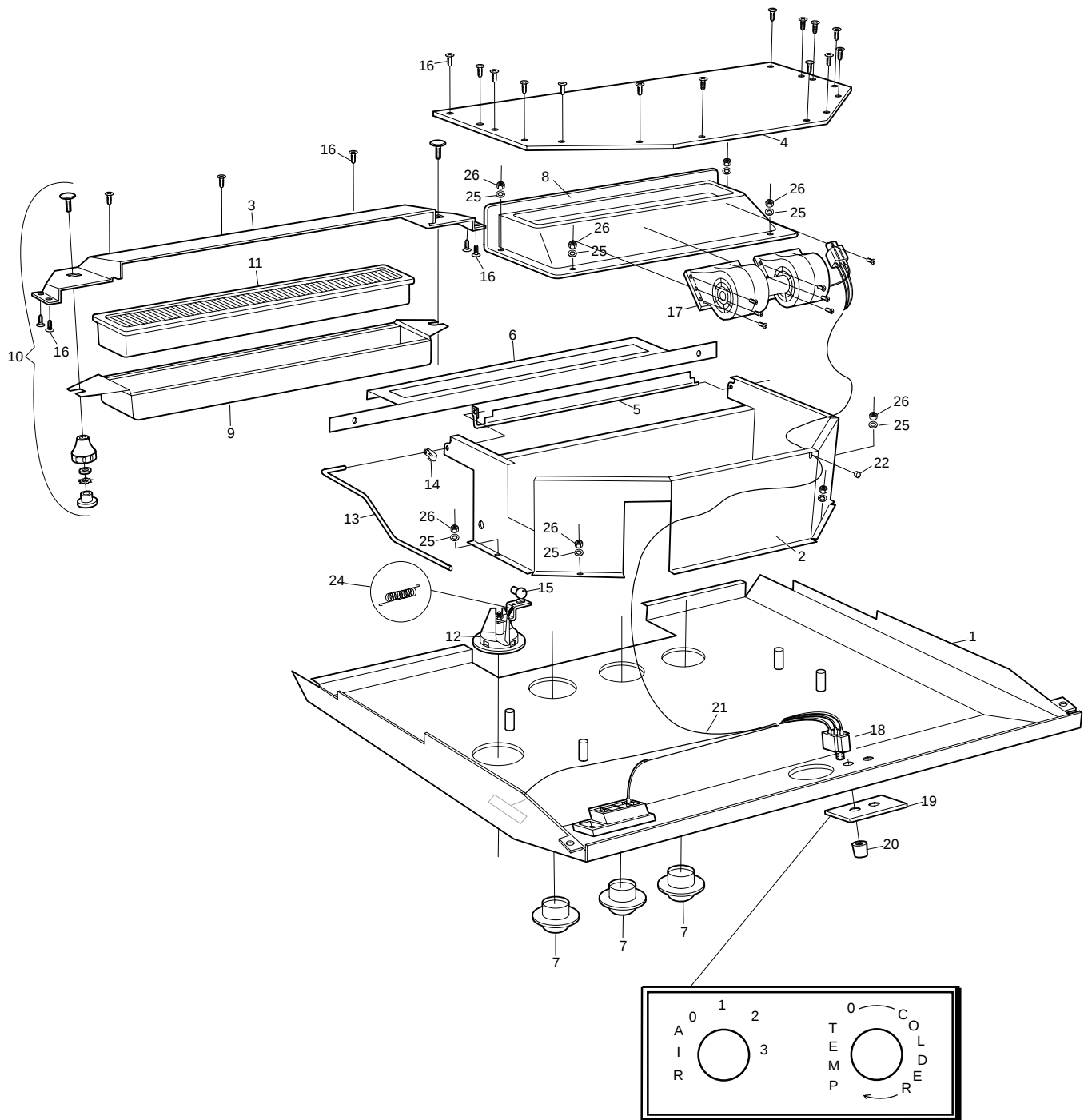
Annual Service

The air-conditioning system requires servicing.

1. The system needs to be discharged, the receiver drier changed and the complete system evacuated and re-charged.
2. The operation of the thermostat and pressure switch should be checked and adjusted if necessary.
3. The condition of the belt and compressor pulley bearing should be checked.
4. All hoses should be checked for signs of damage and repaired or replaced accordingly.



Warning - Never attempt to disconnect any systems hoses as they are pressurised with R13a refrigerant.



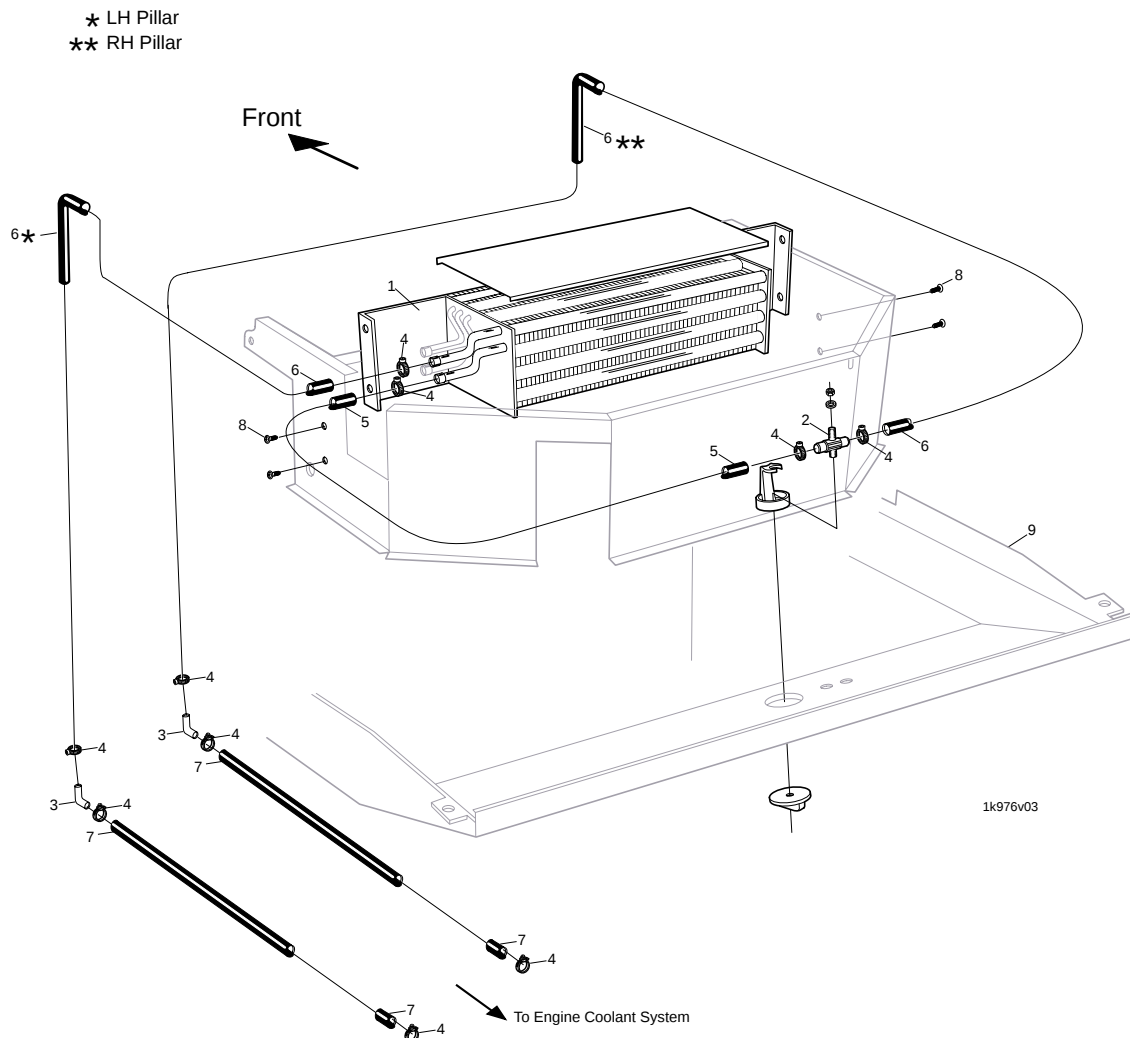
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PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY	ITEM NOTE
1	Panel - Internal	-		
2	Housing - Blower	976111	1	
3	Console - Mounting panel	976112	1	
4	Cover - Blower Housing	976113	1	
5	Flap	976103	1	
6	Angle	976114	1	
7	Vent - Nozzle	968109	3	
8	Mounting Duct - Blower	976106	1	
9	Cover - Filter	976101	1	
10	Hand Nut / Bolt Assy	976102	SET	
11	Filter	976100	1	
12	Air / Recirculate Selector Assembly	976107	1	
13	Linkage	976115	1	
14	Clip	976104	1	
15	Ball Joint	976105	1	
16	Screw	976109	17	
17	Blower Assy - 3 Speed 12V	968103	1	
18	Blower - 3 Speed with Nut	968106	1	
19	Switch Plate	968104	1	
20	Blower Knob	968105	1	
21	Wiring Loom - Blower	976110	1	
22	Grommet 18	910817	1	
23	Fuse 10A	70-09-026	1	
24	Spring	976108	1	
25	Washer - Plain	09472	8	
26	Nut Nyloc M6	09438	8	

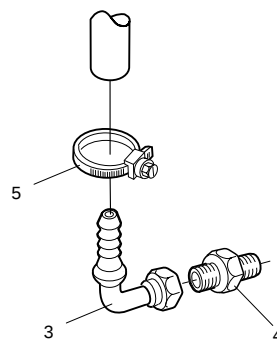
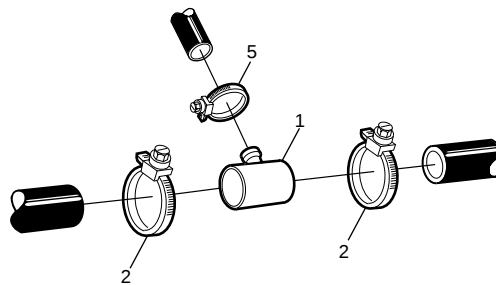
PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY	ITEM NOTE
1	Heater Coil Assy	977100	1	
2	Water Valve Assy	977101	1	
3	Elbow 1/2" Hose	977102	2	
4	Hose Clip 17-25mm	967109	10	
5	1/2" Heater Hose	967106	1	Cut to Length
6	1/2" Heater Hose	967106	2	Cut to Length
7	1/2" Heater Hose	967106	2	Cut to Length
8	Screw - Self Tapping No 8 x 12	09534	4	
9	Panel - Internal	-	1	Part Of Cab



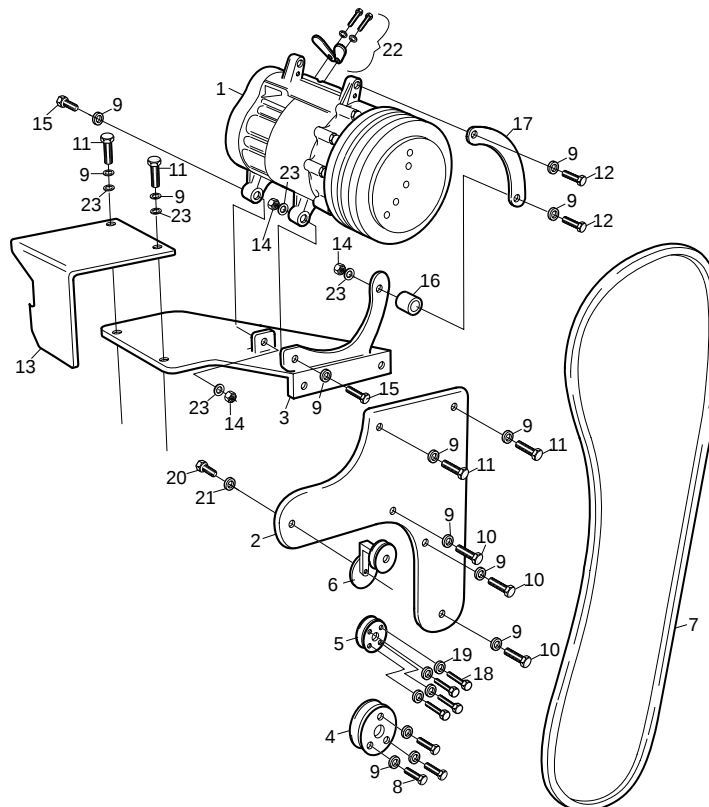
PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY	ITEM NOTE
Code 982V (T424)				
1	Fitting T-Piece	977103	1	
2	Jubilee Clip 45-60mm	910936	2	
3	Coupling 1/2" BSP-90° Swept	07305	1	
4	Adaptor 1/2" BSP M/M	10-06-078	1	
5	Hose Clip 17-25mm	967109	2	
Code 983V (LT322/324 & FM524)				
1	Fitting T-Piece	977105	1	
2	Jubilee Clip 43-50mm	10-11-034	2	
3	Coupling 1/2" BSP-90° Swept	07305	1	
4	Adaptor 3/8" x 1/2" BSP M/M	10-06-043	1	
5	Hose Clip 17-25mm	967109	2	



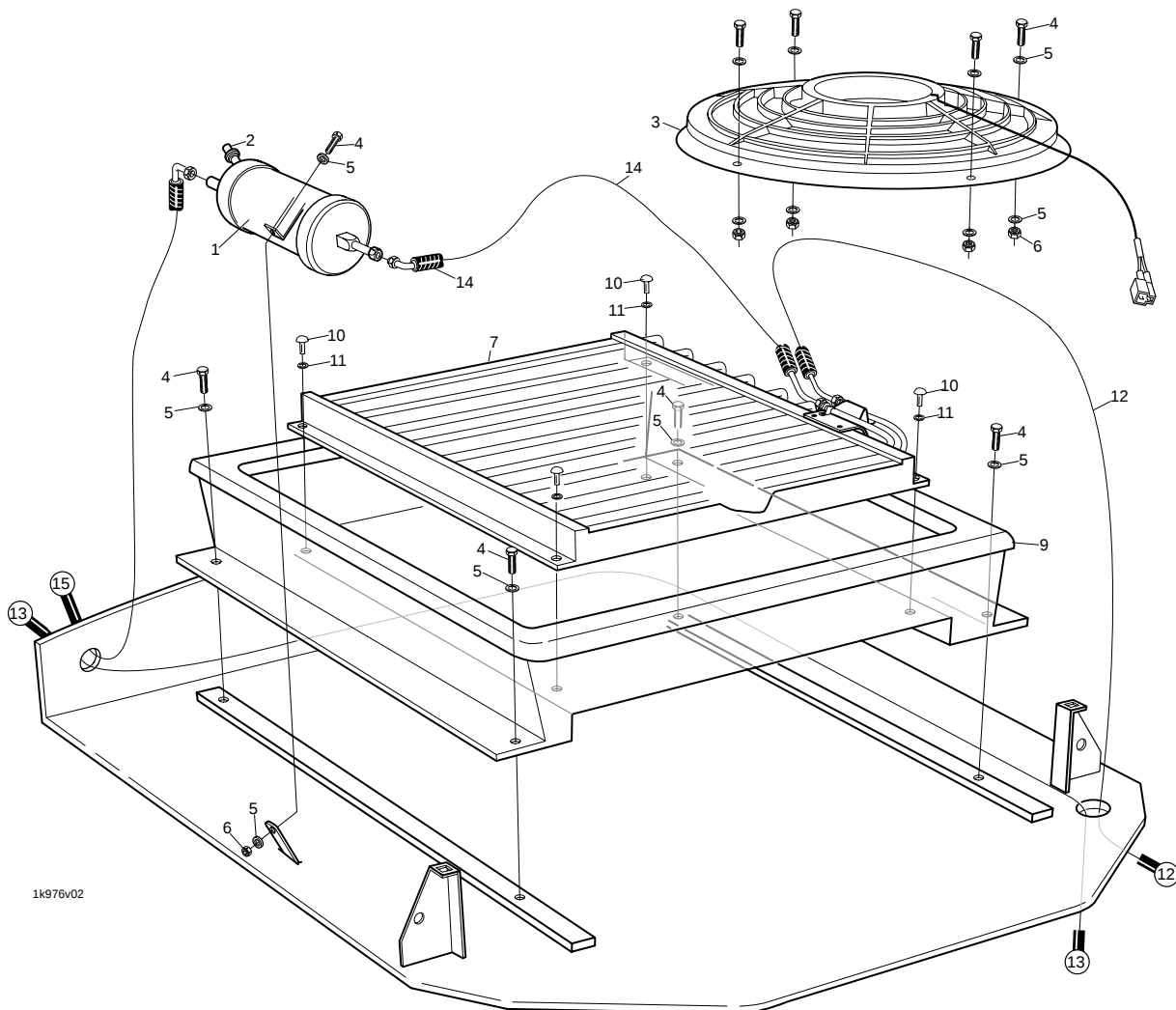
PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY		ITEM NOTE
			T424	LT/FM	
1	Compressor	966100	1	1	Incl. in kit - Code981V
2	Compressor - Front Plate	966101	1	0	
	Compressor - Front Plate	966110	0	1	Incl. in kit - Code981V
3	Compressor - Mounting Plate	978100	1	0	
	Compressor - Mounting Plate	978110	0	1	Incl. in kit - Code981V
4	Pulley Crankshaft	966103	1	0	
	Pulley Crankshaft	966103	0	1	Incl. in kit - Code981V
5	Fan Spacer	966104	1	0	
	Fan Spacer	978109	0	1	
6	Idler Pulley Assy	966105	1	1	
7	Belt	966106	1	1	
8	Bolt M8 x 40mm	09681	3	3	
9	Washer - Spring M8 Heavy	03469	14	14	
10	Bolt - M8 x 35mm	09631	3	3	
11	Setscrew - M8 x 20mm	09368	2	2	
12	Setscrew - M8 x 25mm	03182	2	2	
13	Throttle Bracket	953192W	1	0	
14	Nut - Nyloc M8	09368	2	2	
15	Bolt - M8 x 45mm	09654	2	2	
16	Spacer	924149	1	1	
17	Arm - Compressor Bracket	978101	1	1	
18	Bolt - M6 x 55mm	-	4	4	
19	Washer - Spring M6	09674	4	4	
20	Setscrew - 1/2 UNF x 1"	09151	1	1	
21	Washer Spring - 1/2 UNF	09282	1	1	
22	Set - Fittings Compressor	966131	1	1	
23	Washer Plain M8	09475	4	4	



PARTS LIST

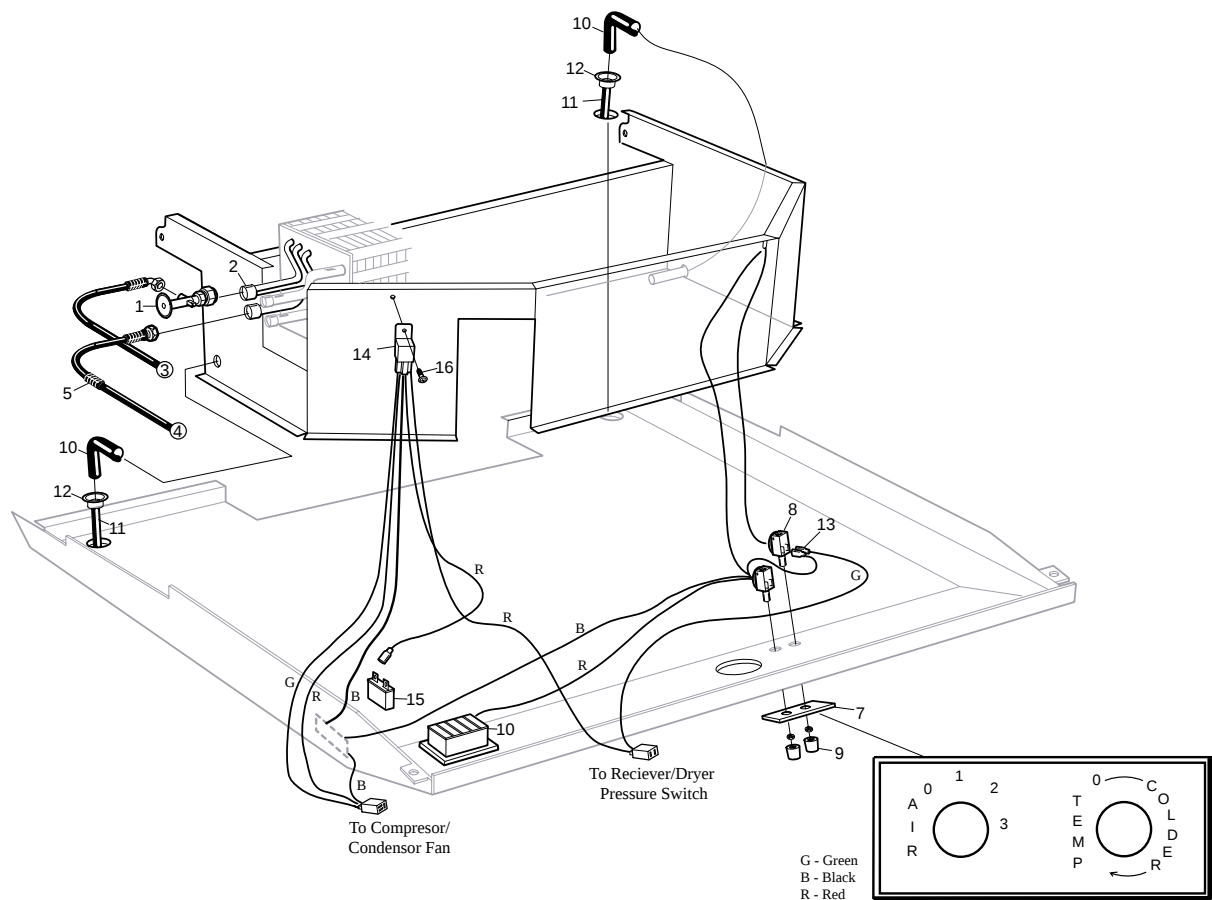
ITEM NO.	DESCRIPTION	PART NO.	QTY	ITEM NOTE
1	Receiver/Driver	966107	1	
2	Pressure Switch	966108	1	
3	Fan - 11" Spal Cond	966118	1	
4	Bolt - M6 x 20mm	09363	9	
5	Washer - M6 Plain	09472	14	
6	Nut M6 Nyloc	09544	5	
7	Condenser	966117	1	
8	'O'ring Set - Air Cond.	966123	1	
9	Foam Strip	-		
10	Rivet - 4mm x 14mm	09320	4	
11	Washer Plain - M5	09470	4	
12	Hose - Size 8	978102	1	
13	Hose - Size 10	978103	1	
14	Hose - Size 6	978104	1	
15	Hose - Size 6	978105	1	



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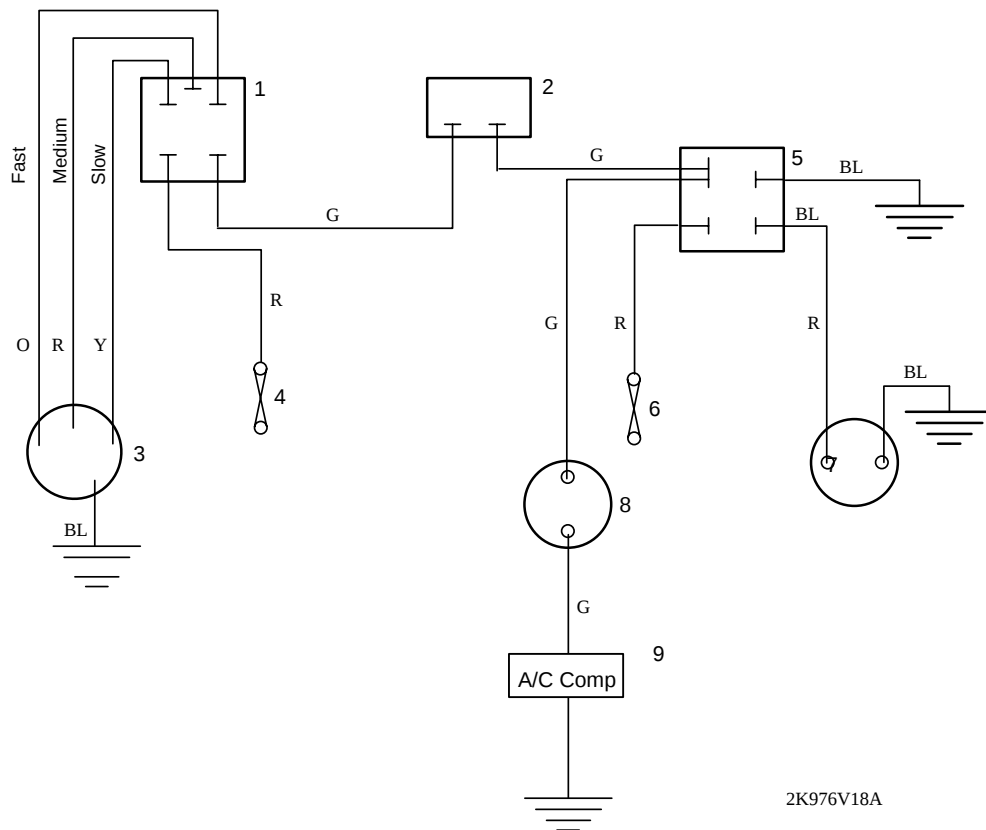
PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY	ITEM NOTE
1	Tx valve, including	966110	1	Including Bulb Clamp, "O" Ring
2	Heater/Evaporator Matrix Assembly	977100	1	Part of heater kit
3	Hose Size 6	978105	1	
4	Hose Size 10	978103	1	
5	Anti-Condensation Tape	966132	1m	Not Shown
6	Tie Wraps	74-07-020	30	Not shown
7	Dual Switch Plate	966111	1	
8	Thermostat	966112	1	
9	Temperature Knob	966113	1	
10	Fuse Box	-	2	See cab manual
11	Drain Tube - 3/8"	966115	4m	Cut as required
12	Grommet 32 Dia	978106	2	
13	Wiring Harness Air-conditioning	978107	1	
14	Relay 30Amp 12V	70-09-148	1	
15	Fuse 20Amp - Flat Blade	70-09-120	1	
16	Screws Self tapping No. 8 x 1/2"	09534	1	



1k978v04

Item No.	Description	Wire Colour Code
1	Switch - Fan	G Green
2	Thermostat	O Orange
3	Blower Motor	R Red
4	Fuse - 10amp	BL Black
5	Relay	Y Yellow
6	Fuse - 5amp	
7	Condenser Fan	
8	Switch - Pressure (Receiver/Drier)	
9	A/C Compressor	



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