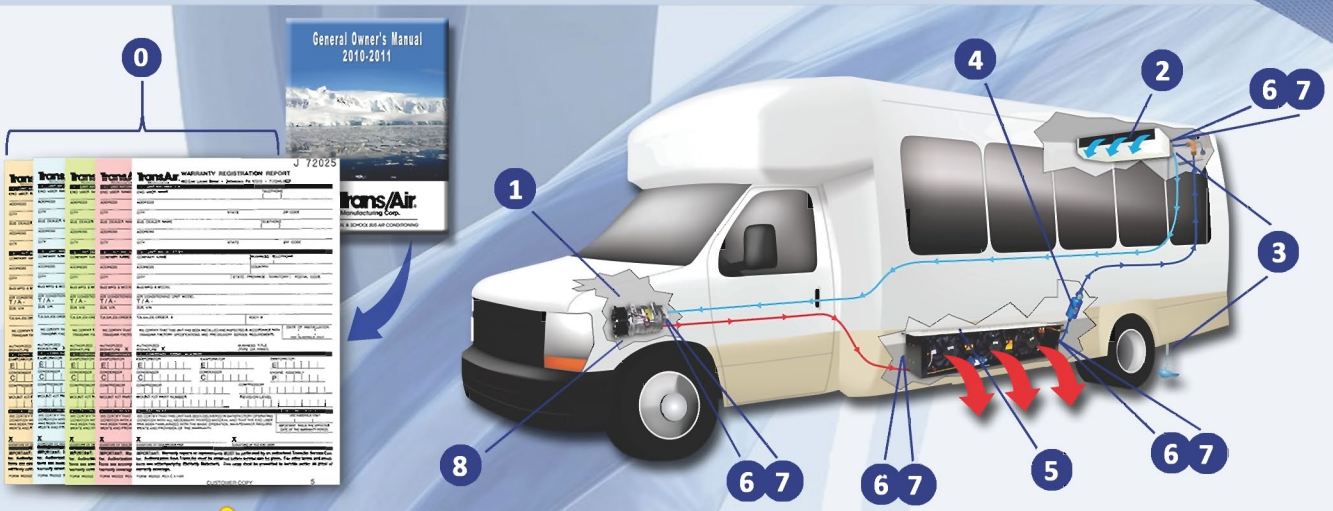
Bus Air Conditioning

Preventative Maintenance Schedule & Guidelines



Use extreme caution around engine compartment and any other moving parts.
Have system maintenance and service performed by a Qualified Technician.

#	Maintenance Item	What to Check / Do	Schedule
0	System General Awareness	Make sure system registered at trans/Air for warranty	At Delivery
	Ensure that Driver's are trained in proper system operation. Know the nearest Authorized Service Center.		
1	Charge Level / Pressure	Use Pressure / Temperature Chart	Yearly
	The correct pressure, at ambient temperature, verifies proper refrigerant charge. Recharge as needed using the most current revision of the Trans/Air Charging Chart # 501264 found at www.transairmfg.com under Support Documents / Installation (Recharging must be done by a ***QUALIFIED TECHNICIAN****).*		
2	Evaporator Filter(s)	Cleanliness	Weekly
	A properly maintained, clean filter maximizes air flow and system performance.		
2	Evaporator Coil(s)	Cleanliness	Monthly
	A properly maintained, clean evaporator coil will ensure maximum heat transfer and system performance.		
2	Evaporator Blower(s)	General Function	Monthly
	Proper air flow across evaporator coil allows for efficient heat transfer. Check to make sure all blowers are actually operating.		
3	Evaporator Drain Line(s)	Kazoo & Hose secured / Free from debris	Yearly
	Properly located drain line will keep water from collecting in the evaporator drain pan. On a hot humid day the evaporator should drip water under the vehicle.		
4	Sight Glass / Moisture Indicator(s)	Color	Monthly
	Deep Green OR Purple= Absence of Moisture *Yellow OR Pink = Moisture is present -* ***IMMEDIATE SYSTEM SERVICE IS REQUIRED TO PREVENT SYSTEM DAMAGE***		
5	Condenser Coil(s)	Cleanliness	Monthly
	A properly maintained, clean condenser coil will ensure maximum heat transfer and system performance. Clean with non-caustic cleaner.		
5	Condenser Fan(s)	General Function	Monthly
	Proper air flow across condenser coil allows for efficient heat transfer. Check to make sure all fans are actually operating when compressor is engaged.		
6	Hoses / Piping	Secured and protected	Monthly
	Properly supported hoses prevent the possibility of refrigerant leaks. Check for residue around connections (sign of refrigerant leak) / hose wear from rubbing other objects / loose or missing clamping.		
7	Wiring Harness(es)	Secured and protected	Monthly
	Properly supported & protected harnesses prevents the possibility of electrical issues.		
8	Compressor Belt(s)	Tension and wear	Weekly
	Properly tensioned belts ensures maximum compressor performance and belt life.		

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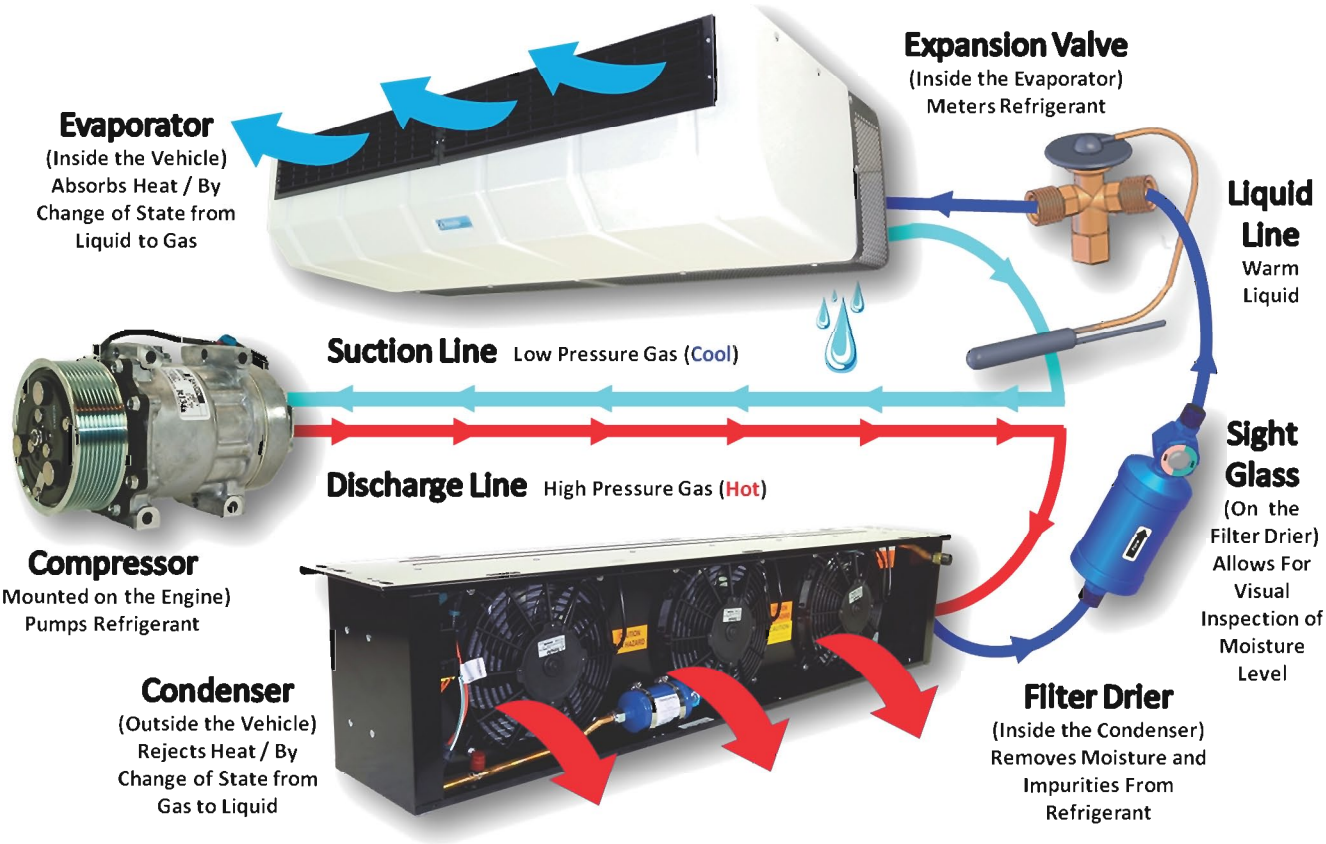
The following conditions require immediate service by a Qualified Technician:

- Vibration and/or noise from engine compartment
- Oil around refrigeration hose connections
- Water dripping in passenger area from Evaporator/Ducts
- Vibration and/or noise from evaporator area
- Noticeable decrease in system performance
- Reduced air flow

Air Conditioning Operation & Refrigeration Cycle Reference



BSI FM 39947

Trans/Air Manufacturing Corporation is an ISO 9001 registered firm committed to providing world class climate control products and services to the bus and commercial vehicle markets.

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