

AMERICAN COOLING TECHNOLOGY BUS AIR CONDITIONING PREVENTATIVE MAINTENANCE INSPECTION

Date:		Technician:	
Bus I.D. #:		Hours:	
Mileage:		Customer:	

Under Hood Inspection

	PASS	FAIL
Check the compressor mounting hardware.		
Check the belt(s) tension.		
Check that fittings are tight, and there are no oil deposits.		
Check that refrigerant hoses are secure, and there is no chafing.		
Check the compressor clutch for air gap and condition.		
If a/c system malfunctions check head pressures.		

Condenser Inspection

Clean and inspect the coil assembly.		
Check the fan motor condition, and operation.		
Check the condenser mounting hardware.		
Check the positive and ground electrical connections.		
Inspect the condensers metal housing.		
Check that moisture indicator at the sight glass is green.		
Check that refrigerant level at the sight glass is clear.		

Evaporator Inspection

Replace or clean the return air filter.		
Check the three speed operation of the blower.		
Check the evaporator blower for vibration.		
Check the evaporator mounting hardware.		
Check the evaporator drain pan.		
Check the condensation drain hose operation.		
Inspect the insulation tape (no drip) on the txv fittings.		
Inspect the air outlet louvers.		
Clean evaporator cover and return air grill.		

General Inspection

Check the connections on the a/c electrical control panel.		
Check the fan speed switch operation.		
Check the operation of the thermostat.		
If refrigerant level is low leak test all the fittings and hoses.		

Please contact the American Cooling Technology Service Department with any questions. Toll free
at 877-228 4247.