

**AMERICAN COOLING TECHNOLOGY  
BUS AIR CONDITIONING PREVENTATIVE MAINTENANCE WORK SHEET**

<b>DATE:</b>		<b>TECHNICIAN:</b>	
<b>CUSTOMER:</b>		<b>MILEAGE:</b>	
<b>BUS I.D.#:</b>		<b>V.I.N.:</b>	

Inspection Schedule	
Annually	= A
Seasonal	= S
Monthly	= M

UNDER HOOD INSPECTION	PASS	FAIL	ACTION	Inspection
CHECK COMPRESSOR MOUNTING HARDWARE				A
CHECK BELT(S) TENSION(S)				M
CHECK FITTINGS - TIGHT; NO OIL DEPOSITS				S
CHECK REFRIGERANT HOSES - SECURE; NO CHAFING				S
CHECK COMPRESSOR CLUTCH AIR GAP AND CONDITION				S
IF A/C SYSTEM MALFUNCTION CHECK HEAD PRESSURES				S
RECORD SYSTEM HEAD PRESSURES			HIGH SIDE      LOW SIDE	S

CONDENSER INSPECTION				
CLEAN AND INSPECT COIL ASSEMBLY				S
CHECK FAN MOTOR CONDITION AND OPERATION				S
CHECK CONDENSER MOUNTING HARDWARE				A
CHECK ELECTRICAL CONNECTIONS - POSITIVE AND GROUND				S
INSPECT CONDENSER METAL HOUSING				A
CHECK MOISTURE INDICATOR AT SIGHT GLASS (DRY)			IF DRIER INDICATES "WET", CHANGE FILTER DRIER	S / M
CHECK REFRIGERANT LEVEL AT SIGHT GLASS (CLEAR)				S

EVAPORATOR INSPECTION				
REPLACE / CLEAN RETURN AIR FILTER				S / M
CHECK BLOWER THREE SPEED OPERATION				S
CHECK FOR VIBRATION				A
CHECK EVAPORATOR MOUNTING HARDWARE				A
CLEAN EVAPORATOR DRAIN PAN				S
CHECK CONDENSATE DRAIN OPERATION				S
INSPECT CONDENSATE INSULATION TAPE ON TXV FITTINGS				A
INSPECT AIR OUTLET LOUVERS				A
CLEAN COVER AND RETURN AIR GRILL				S

GENERAL INSPECTION				
CHECK CONNECTIONS AT A/C ELECTRICAL CONTROL PANEL				S
CHECK FAN SPEED SWITCH OPERATION				S
CHECK THERMOSTAT OPERATION				S
LEAK TEST ALL FITTINGS AND HOSES (LOW REFRIGERANT)				S