



AIR CONDITIONING SYSTEM
Red Dot **HVAC**

CHECKLIST

Preventive Maintenance Schedule

BASIC

Maintenance Intervals

	EVERY	OR	OR
3 =	3 months	15,000 miles	375 hours
6 =	6 months	30,000 miles	750 hours
12 =	12 months	60,000 miles	1500 hours

SPECIAL NOTE:

Use caution when performing Preventive system maintenance, ambient conditions (heat load) will increase refrigerant hose temperatures.



HVAC Preventive Maintenance, A great way to SAVE your customers MONEY

Bundling Preventive Maintenance Service and Parts for "ALL Makes"

When it comes to air conditioning, offering a Preventive Maintenance (PM) program will save your customers money. Planned maintenance allows the fleet to schedule repairs *VERSUS* reacting to sudden immediate required repairs once the hot weather hits. In addition, to support a PM program, having the right parts on hand to service ALL MAKES fleets is critical. This Basic PM program combines a checklist of HVAC maintenance checks and a list of ALL MAKES parts to perform the service.

		Maintenance Interval	3	6	12
1. System Maintenance					
<input type="checkbox"/>	Perform visual system inspection		●	●	
2. Compressor & Belt Drive System					
For systems that do not have A/C interlock, (A/C compressor engages when the defrost mode is activated) follow the following procedure on a monthly basis. Activate the AC system for a minimum of 5 minutes every 30 days to circulate the refrigerant system lubrication and verify condenser fan(s) (either engine fan for radiator mounted condensers or electric fans for remote mounted condensers) engage and/or cycle on and off.					
<input type="checkbox"/>	Check discharge line (warm/hot to touch)		●	●	
<input type="checkbox"/>	Check suction line (cool to touch)		●	●	
<input type="checkbox"/>	Inspect face of clutch hub for signs of slippage (heat discoloration)		●	●	
<input type="checkbox"/>	Check clutch working voltage and current draw (4 amps @ 12 volts / 2 amps @ 24 volts)				●
<input type="checkbox"/>	Inspect shaft seal for presence of oil & dirt, which indicate leakage		●	●	
<input type="checkbox"/>	Inspect compressor belt for glazing or cracking		●	●	
3. Condenser					
<input type="checkbox"/>	Inspect tubes for obvious dents & oil stains/dirt, which indicate leakage		●		
<input type="checkbox"/>	Clean dirt and bugs from condenser fin area (may be necessary every 30 days under severe operating conditions)		●		
<input type="checkbox"/>	Inspect condition of fins (straighten as required)		●		
4. Other Components					
<input type="checkbox"/>	Pressure Switches: With manifold gauges installed, check refrigerant pressure switches for proper operation				●

ALL Makes Inventory List

Qty	Part Number	Description	Make
1	79R8950	Slimline Seal Kit	Freightliner
1	79R4650	Flush (Gallon) 6 per case	All Makes
1	79R4400	Ref. Sealing Tape	All Makes
5	79R5020	O-Ring Kit (Rubber)	All Makes
10	79R5833	IHC Low Side Port Fitting	All Makes
10	79R5115	Schrader Valve (10 per Pack)	All Makes
10	79R5110	Schrader Valve (10 per Pack)	All Makes
1	79R0100	Nylon Sleeve Protection	All Makes
1	79R8940	HD Retrofit Adapter Kit	All Makes
1	79R4597	Sanden Oil Dip Stick	All Makes
6	79R4585	PAG Oil (QT) 6 per Case	All Makes

Drier

Qty	Part Number	Description	Make
2	74R3328	Drier	Freightliner
2	74R3126	Drier	Freightliner
2	74R5097	Accumulator	IHC-Navistar
2	74R3455	Drier	IHC-Navistar
2	74R3356	Drier	Kenworth
2	74R2001	Drier	Kenworth
2	74R5060	Accumulator	Peterbilt
2	74R5061	Accumulator	Peterbilt
2	74R3107	Drier	Volvo