



Mack Trucks HVAC Maintenance Checklist

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Inspector		Date		Signature	
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Condenser

Inspection Item	Note	Good	Repair	Replace	NA
Clean dirt and bugs from condenser fin area (may be necessary every 30 days under severe operating conditions)		■	■	■	■
Inspect condition of fins (straighten as required)		■	■	■	■
Inspect tubes for obvious dents & oil stains/dirt indicating leakage		■	■	■	■

Receiver/Drier (Filter)

Inspection Item	Note	Good	Repair	Replace	NA
Check moisture indicator, either remote mounted or built into the drier (Blue is OK while pink or white indicates moisture presence and replacement required)		■	■	■	■
Check temperature of drier canister while running (warm to touch)		■	■	■	■
Refrigerant system		■	■	■	■

Evaporator

Inspection Item	Note	Good	Repair	Replace	NA
Clean dirt, bugs & airborne particulate from fin area		■	■	■	■
Clean dirt, bugs & airborne particulate from the drain pan & drain hole		■	■	■	■
Inspect drain pump (if present) & float for obstructions and operation		■	■	■	■

Expansion Valve

Inspection Item	Note	Good	Repair	Replace	NA
Check inlet (liquid) line from drier (warm to touch)		■	■	■	■
Check refrigerant charge head for damage & leakage		■	■	■	■

Other Components

Inspection Item	Note	Good	Repair	Replace	NA
Filters		■	■	■	■
Pressure Switches		■	■	■	■
Water Valve		■	■	■	■

Compressor & Belt Drive System

Inspection Item	Note	Good	Repair	Replace	NA
Belt tension (verify manufactures specs in owners manual)		■	■	■	■
Check clutch working voltage and current draw (4amps @ 12 volts / 2 amps @ 24 volts)		■	■	■	■
Confirm alignment of clutch pulley with crankshaft drive pulley (belt will show side wear)		■	■	■	■
Discharge line (warm/hot to touch)		■	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Inspect compressor belt for glazing or cracking		■	■	■	■
Inspect face of clutch hub for signs of slippage (heat discoloration)		■	■	■	■
Inspect idler pulley for bearing wear (looseness)		■	■	■	■
Inspect shaft seal for presence of oil & dirt indicating leakage		■	■	■	■
Suction line (cool to touch)		■	■	■	■

System Maintenance

Inspection Item	Note	Good	Repair	Replace	NA
Recharge system with correct refrigerant charge amount		■	■	■	■
System evacuation & leak		■	■	■	■
System refrigerant		■	■	■	■
Visual system		■	■	■	■