



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)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspect condition of fins (straighten as required)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspect tubes for obvious dents & oil stains/dirt indicating leakage		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check temperature of drier canister while running (warm to touch)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Refrigerant system		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Evaporator

Inspection Item	Note	Good	Repair	Replace	NA
Clean dirt, bugs & airborne particulate from fin area		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean dirt, bugs & airborne particulate from the drain pan & drain hole		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspect drain pump (if present) & float for obstructions and operation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Expansion Valve

Inspection Item	Note	Good	Repair	Replace	NA
Check inlet (liquid) line from drier (warm to touch)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check refrigerant charge head for damage & leakage		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other Components

Inspection Item	Note	Good	Repair	Replace	NA
Filters		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Switches		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Valve		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Compressor & Belt Drive System

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

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		■	■	■	■