

ESPAR BUNK HEATER GUIDE

Espar bunk heaters are an essential component for Kenworth trucks, especially during cold weather. These diesel-powered systems heat your truck's cab and cabin without the need to idle the engine. They are most common in long-haul trucks, like sleepers, as they improve driver comfort by maintaining warmth during extended breaks or overnight stops.

Without a Bunk Heater	With a Bunk Heater
Increased fuel consumption	Reduced fuel consumption
Higher emissions pollution	Lower emissions
Engine wear and tear	Extended engine life
Poor sleep quality	Improved comfort and warmth
Possible fines	Compliance with anti-idling laws
Battery drain	Efficient battery usage

HOW IT WORKS

Bunk heaters run by pulling in outside air, then mixing it with fuel to combust and generate heat. Next, the warm air is circulated into the cabin through the heater's vents, while exhaust gasses are transferred outside the cabin through a separate exhaust system.

INSTALLATION LOCATIONS

1. Under sleeper bunk
2. Under seat/dashboard
3. External weatherproof box
4. Behind or under cab

KEY BENEFITS

1. Fuel savings (uses less than 0.06 gallons/hour)
2. Reduced engine wear, maintenance, and repair costs
3. Meets no-idle regulations
4. Minimal battery usage

POWER REQUIREMENTS

Requires 12V power source with up to 18 amps during startup.

MAINTENANCE TIPS

1. Regular inspections of all heater components
2. Clear air intake to prevent blockages and airflow restriction
3. Check exhaust system for obstructions or damage
4. Run the heater regularly (even in warmer months) to prevent carbon buildup
5. Check for fault codes or diagnostic alerts, if equipped
6. Listen for unusual noises during operation (early warning sign of issues)

MODEL OPTIONS

1. **Lower Output:** Best for mild to moderate climates, shorter durations, moderate heating, energy efficiency
2. **Higher Output:** Best for extreme cold, longer durations, stronger heat option, maintaining comfort



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