



Engine Installation Checklist

TO BE COMPLETED BY ORIGINAL EQUIPMENT MANUFACTURER (OEM) OR INSTALLING CONTRACTOR AND SUBMITTED TO CUMMINS SALES AND SERVICE PRIOR TO SCHEDULING A START-UP INSPECTION.

Section I: Project & Equipment Information

Facility name/Identification: _____

Facility Address: _____ City: _____

State/Province: _____ Postal Zone: _____ Country: _____

Contact Name: _____ Phone #: _____ Fax #: _____

Pump Manufacturer: _____ Pump Model: _____

Pump Serial # _____ Pump Rating: _____ (GPM/LPM)

Pressure: _____ (psi/kPa) Speed: _____ (rpm)

Controller Manufacturer: _____ Controller Model: _____

Controller Serial # _____

Engine Model: _____ Engine Serial #: _____

Engine Speed: _____ (rpm)

Submitted By: _____ Date: _____

Section II: Sequential Checklist for the Pump Representative or Installing Contractor

Complete technical information can be found on our website: www.cumminsfirepower.com

This Checklist must be completed before the Installation Review and Start-Up Inspection

INSTALLATION CHECKLIST	INITIALS	DATE
1. Engine-Pump alignment check		
Service coupling/shaft, as required		
- Check driveshaft vertical and horizontal alignment (<i>refer to the Universal Joint Driveshaft manual at www.cumminsfirepower.com</i>)		
- Re-torque the driveshaft flange bolts (<i>refer to the Universal Joint Driveshaft manual at www.cumminsfirepower.com</i>)		
- Re-torque the companion flange set screw		
- Grease the driveshaft zerks		
<i>NOTE: Some lubrication loss may occur during transport and storage. It is recommended that the drive shaft be re-lubricated upon installation. Cummins Sales and Service recommends using a good quality semi-synthetic, Molybdenum-fortified NLGI #2 lithium complex grease.</i>		
2. Properly mount and secure the unit and grout the base		
3. Connect the pump controller wiring to the fire pump drive engine Terminal Board		
4. Service and charge the batteries for 24 hours; connect the batteries to the engine		
5. Properly install the cooling water connections, both inlet and outlet, on the engine heat exchanger; confirm the cooling water by-pass solenoid operation		
6. Check that the exhaust system is properly sized, routed, and connected to the engine		
<i>IMPORTANT: The exhaust flex must be properly aligned. It should be mounted vertically with no more than 1" offset.</i>		
7. Fill the cooling system to the proper level with premixed coolant (refer to the engine manual)		
8. Add engine oil to the proper level (refer to the engine manual for oil type)		
9. Connect the fuel lines (both supply and return) to the fuel tank and engine		
<i>NOTE: Return fuel should be to the top of the tank.</i>		
10. Check that the fuel tank is filled with clean #2 diesel fuel; drain all water and sediment from the tank		
11. Connect the engine jacket water heater to the correct AC power		
<i>NOTE: Connect power AFTER filling with coolant.</i>		
12. Install the air inlet filter on the engine; ensure that the fresh air supply is adequate for engine combustion and room ventilation		

PLEASE NOTE: Photos of the completed installation would be appreciated.



Mail or email the Cummins Sales and Service Installation Checklist to:

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