

Block Heater Location in L10 Engines With Low-Flow Cooling

20-1

> COE
> 120 Conventional

FLA COE
FLD Conventional

Medium Trucks
> FLC 112 Conventional

**Freightliner
Service Bulletin**

When using immersion-type auxiliary block heaters on Cummins L10 engines with low-flow cooling (optimized aftercooled engines), install the block heater in the location **shown in Fig. 1**, Ref. 3.

CAUTION

Do not install the block heater in the port (Ref. 1) at the top of the water manifold. If the block heater is installed in this port, steam produced by the heater can become trapped in the water manifold. This will prevent coolant circulation around the block heater, causing it to overheat. The block heater seals will deteriorate, causing coolant leaks.

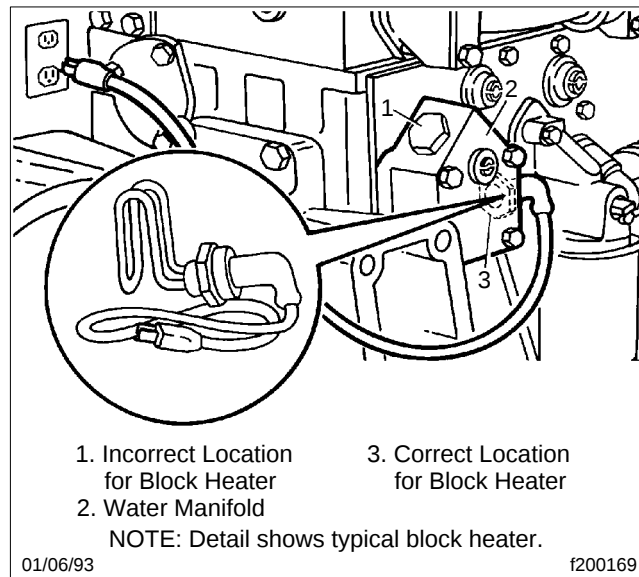


Fig. 1, Block Heater Location