

# Freightliner Action Bulletin

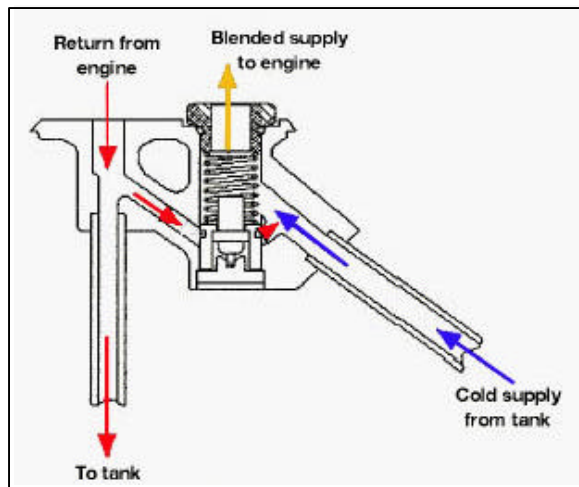
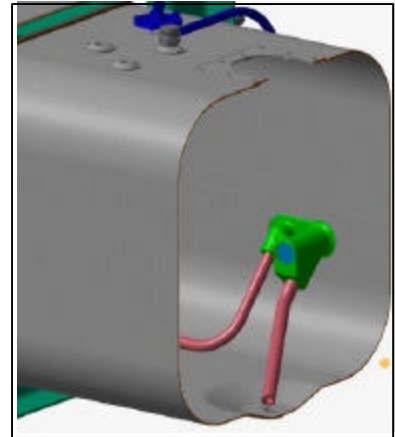
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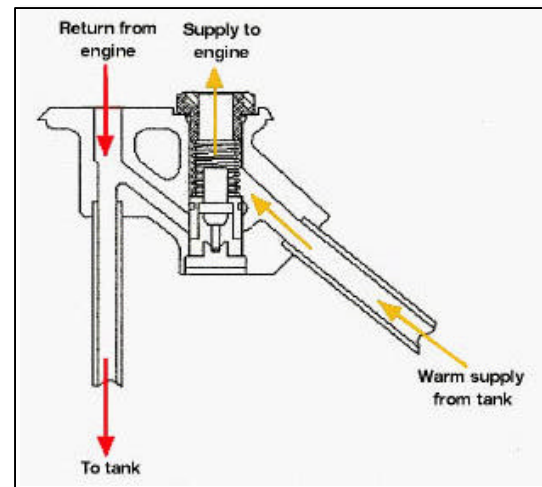
## InstaHeat™ Fuel Heater

When the temperature drops, clouding occurs in diesel fuel as waxes in the fuel begin to crystallize. Left unchecked, these waxes can plug the engine's fuel filter, starve the engine of fuel and bring a truck to a halt.

Freightliner Trucks' proprietary InstaHeat fuel heater can prevent filter plugging from fuel wax. The fuel heater design is simple yet very effective. Mounted on the inside of our aluminum fuel tanks, the heater unit is an additional option to the EquiFlo supply and return tube assembly (FABulletin 005). After engine startup, hot return fuel is immediately routed to heat cold fuel from the tank through the use of an integral thermostat. The right amount of hot and cold fuel is automatically blended. The thermostat ensures that fuel blending and heating is terminated when the drawn fuel temperature reaches 70 degrees F. Engine coolant hoses and/or electrical wiring along with additional fuel lines and fittings that are needed on competitive heaters are not required with InstaHeat.



Winter Operation



Summer Operation

### Selling Points

- Prevents waxing of fuel filters, reducing downtime and repair expense
- Out of sight; doesn't take up valuable frame space
- No driver input required
- Very few moving parts to wear out
- Less expensive than competitors' fuel heaters
- Proprietary to Freightliner

### Availability

Optional on most Freightliner Trucks models, including Business Class M2. Not available on Cargo and Business Class models FL50-80

### Data Code

220-048 InstaHeat fuel heater (1 tank)  
220-049 InstaHeat fuel heater (2 tanks)

### Further Information

Freightliner Sales Engineering