

COE
120 Conventional
> FLA COE

FLB COE
> FLD Conventional

Medium Trucks
FLC 112 Conventional

**Freightliner
Service Bulletin**

Use the following procedure to check the function of the Index K7W fan control kit (with integral timer).

1. Park the vehicle on a level surface, shut down the engine, set the parking brake, and chock the tires.
2. Turn the fan manual override switch to OFF, and set the HVAC control to VENT.
3. Start the engine and operate it until chassis air pressure reaches 90 psi (621 kPa) or higher.
4. With the engine running, turn the fan manual override switch to ON. The engine fan should engage immediately. If the fan doesn't engage, check the fan control wiring and air plumbing to the fan clutch.
5. Turn the fan manual override switch to OFF. The engine fan should disengage immediately. If the fan doesn't disengage, make sure the engine temperature is not above 190°F (88°C) and the air conditioner is turned OFF (use VENT mode to be sure the A/C is off). If the engine is hot or the A/C compressor is running, the fan will continue to operate until:
 - The engine temperature drops,
 - The fan timer "times out" at three minutes for A/C fan operation.
6. Disconnect the A/C fan pressure switch electrical connector at the receiver/dryer; then reconnect it immediately. The fan should engage when the electrical connection is broken, and should continue to operate for approximately three minutes after the electrical connection is reconnected; then it should disengage. If you do not reconnect the A/C fan switch electrical connector, the fan will continue to operate indefinitely.

If the fan control system passes these tests, it should perform correctly. If it fails any of these tests, check the wiring and the air plumbing to the fan controls. If no faults are detected, follow the diagnostic instructions included in the Index fan control kit to diagnose a possible component failure.

This is an informational bulletin only; warranty does not apply.