



LB7 FICM Installation Instructions

Part # DMAX-FICM-LB7

Step 1: Verify The Diagnosis

- Replace the FICM fuse with the included 20A fuse. (see fuse location on page 2)
- Remove air intake.
- Disconnect 2 FICM connectors (start with the larger one). The lock tabs will slide outwards.
- Cut zip ties attaching the loom to the original FICM housing.
- Plug in new FICM (small connector first, then large).
- Secure the new FICM temporarily with zip ties out of the way of the fan or any moving parts.
- Verify symptoms are fixed before fully removing the original FICM. Verify the truck stays smooth & idle noise does not change if you squeeze or gently tug the wiring harness.

DO NOT run the truck for extended periods like this. The extra heat from no fuel can damage FICM & shorten its life.

Step 2: Remove Old FICM

- Remove air intake (if not already).
- Disconnect 2 FICM connectors.
- Loosen (don't remove) fuel line bolts on top (17mm).
- Remove 3 mounting bolts (14mm) & save isolators.
- Finish removing fuel line bolts.
- Remove the old FICM from the vehicle.

Step 3: Install New FICM

- Isolators must be reused — failure to install will cause damage & void warranty.
- Start 3 mounting bolts (14mm) with isolators, leave loose.
- Install rear fuel line (firewall side) with gasket. Ensure the banjo washer seats flush.
- Install front fuel line the same way.
- Tighten mounting bolts.
- Reconnect harness (small connector first, then large).

Step 4: Prime Fuel System

- Pump hand primer until stiff.
- Open the bleeder valve with a screwdriver while pumping until no air.
- Close valve, pump until stiff again.
- With somebody helping: keep pumping while starting the truck (20–30 sec).
- If working alone: the truck may start/die. Repeat pump/bleed until steady.

