

Field Service
Grid Heater Cable Routing

Purpose: Certain ISL engine configurations have the power cable for the grid heaters secured with cable ties to fuel lines and/or other plumbing lines. This can cause premature wear on both the cable and also the fuel lines.

Parts List:

Quantity	Part Number	Description
1	54-55450-012	P-Clamp, Silicone, .75"
1	54-11317-003	Bolt, ¼-20 x 1.00
1	54-12536-005	Spacer Nut, ¼"
1	54-12541-005	Lock Nut, ¼"
1	40-11099-001	Support Bracket

Instructions for ISL:

1. Remove any cable ties and inspect both the grid heater power cable and surrounding fuel lines. Ensure there are no signs of wear. If worn, repair to OEM specs at local Cummins dealer and submit warranty claim.
2. Attach the support bracket (40-11099-001) to the lower stud on the existing intake pipe clamp as shown on page 2 using the existing hardware.
3. Secure the power cable with the silicone P-clamp (54-55450-012), bolt (54-11317-003), spacer nut (54-12536-005), and lock nut (54-12541-005), using the 54-12536-005 nut as a spacer between the new bracket and silicone P-clamp.
4. Ensure the cable is properly secured and does not contact any metallic surfaces and maintains clearance from fuel lines.
5. Do not use any additional clamps or straps to secure the power cable other than that shown.

ISL Engine
(Affected area shown)



