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## Verado Charge Air Cooler Fitting Maintenance

### Models Affected

Model Covered	Serial Number
150–350 SCi Verado engines	2B133479 and below

### Scope

Saltwater applications, worldwide

### Situation

Saltwater deposits can build up on the threads of the charge air cooler strainer fitting in the cylinder block. The buildup can result in corrosion on the threads of the aluminum port in the cylinder block. If the fitting or the port fails as a result of this corrosion, cooling water will fill the cowling.

### Correction

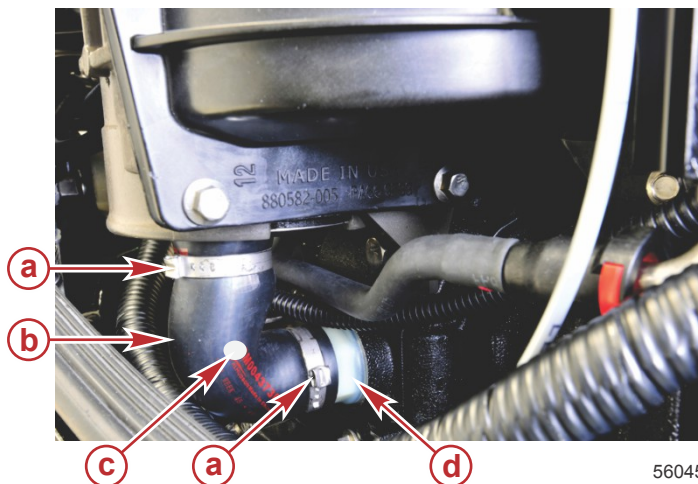
In saltwater operation, remove and inspect this fitting (per the following procedure) at the next service. After completing the service, mark the hose with white paint to identify that the service has been performed.

### Charge Air Cooler Strainer Fitting Inspection

The strainer fitting for the charge air cooler (CAC) is located at the bottom of the cylinder block.

To inspect the fitting:

1. Remove both hose clamps, and remove the lower CAC hose. Discard the hose clamps.



- a - Hose clamps
- b - Lower CAC hose
- c - White paint mark (applied after service is complete)
- d - Strainer fitting

2. The fitting is threaded. Unscrew the fitting to remove it from the cylinder block.

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3. Inspect the fitting and the threaded port in the cylinder block for salt buildup. If there is any sign of salt deposits, replace the fitting with a new one.
4. Lubricate the threads of the strainer fitting with Loctite® 592™ Thread Sealant.



CAC strainer fitting with lubricated threads

Tube Ref No.	Description	Where Used	Part No.
	Loctite® 592™ Thread Sealant	Threads of the strainer fitting	Obtain Locally

5. Install the strainer fitting into the cylinder block. Tighten the fitting to the specified torque.

Description	Nm	lb-in.	lb-ft
Strainer fitting	20	177	–

6. Using two new hose clamps, reinstall the lower CAC hose.
7. Mark the hose with white paint, to indicate that this service procedure has been performed.

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