Fuel Filtration-

1. Locate the FH234 fuel filter module and disconnect fuel lines from the inlet/outlet (see figure 1). Remove the FH234 from the genset bracket.

2. Unbolt the new FH239 from the black bracket (the bracket that comes with the new FH239 will not be used).

3. Ensure there is enough clearance between skid and bracket for the FH239 to mount to genset fuel filter bracket with 4 bolts on the FH239. In cases where there is not enough clearance, the bracket may need to be modified to extend bracket upward to allow clearance.

4. Drill out 4 holes to mount the FH239 directly to the fuel filter bracket welded to the genset frame with a 7/16” drill bit using the FH239 as a template (see Figure 2).

5. Bolt the FH239 to the modified bracket using a quantity of 4 3/8 x 1.25 cap screws and nuts.

6. Ensure the inlet/outlet of the FH239 are in the desired location. The inlet and/or outlet can be located on the left or right hand side. The supplied FH239 is an in left out left model. For more information see the FH239 installation instructions that come in the box.

7. Remove the inlet and outlet fittings from the FH234 and reuse on the new FH239. Use thread sealant on the inlet/outlet fittings.

8. Connect the existing fuel filter inlet/outlet hoses to the FH239. *Outlet fuel line may need to be extended.

9. Remove the WIF sensor connector from the on-engine fuel filter (The connector will need to be extended). Clip wires on harness and splice in 3 feet of wire with solder butt connectors. Install wire loom on wires. Route to the WIF sensor located on the FH239.
**Fuel Filtration- On Engine Filters**

1. Locate the fuel filter head on the left bank (see figure 3).
2. Remove the fuel filter from the head and install diverter cap (see figure 4), part number 40599444, just as you would spin-on filter.

**Air Intake System**

1. Remove air filters and ensure housing and dust ejection valve are clean.
2. Replace primary element with AF25544.
3. Replace safety element with AF25545

**Lubrication System**

1. Replace current filter with LF1400000NN.

Add 500SE label provided in the kit near service record label and fill in appropriate part numbers. Place fuel filter service wrench with service equipment or secure near fuel module.