

## SERVICE BULLETIN

Original Issue Date: **10/14**

Model: **80/100ERESD, 125ERESB/C, 150ERESC, 80REZGD/RZGD, 100REZGD/RZGD, 125REZGC/RZGC, and 150REZGC/RZGC**

Market: **Industrial and Residential/Commercial**

Subject: **Oil Cooler Line Replacement**

### Introduction

Kohler Co. has upgraded the 1/2 in. hose material used on the oil cooler lines from a rubber hose with 35 psi and SAE 30R7 stampings to a fiber braid reinforcement hose with 300 psi and SAE 30R7 stampings.

Kohler Co. requires replacing the oil cooler hoses on the units mentioned above that were manufactured between Aug. 2011 and July 2014. If this maintenance is performed during the generator set warranty period, warranty will cover the cost of the hoses and labor for replacement.

Use the following chart to determine the replacement hoses. The last row in the chart lists a bulk length of hose that will work with any model generator set and can be cut to length based on the existing hoses.

Model	Cooling Kit	Hose Part No.	Length, m (in.)	Qty.
80ERESD	GM71612-MA1	X-612-25	1.3 (51.5)	2
100ERESD	GM71622-MA1	X-612-14	1.8 (72)	1
		X-612-26	1.4 (57)	1
125ERESB	GM65367-MA2	X-612-25	1.3 (51.5)	1
		X-612-30	1.1 (45)	1
125ERESC	GM81462-MA1	X-612-30	1.1 (45)	2
150ERESC	GM80582-MA1	X-612-7	1.0 (40)	1
		X-612-25	1.3 (51.5)	1
80REZGD/RZGD	GM71612-MA1	X-612-25	1.3 (51.5)	2
100REZGD/RZGD	GM71622-MA1	X-612-14	1.8 (72)	1
		X-612-26	1.4 (57)	1
125REZGC/RZGC	GM81462-MA1	X-612-30	1.1 (45)	2
150REZGC/RZGCC	GM80582-MA1	X-612-7	1.0 (40)	1
		X-612-25	1.3 (51.5)	1
All	All	X-612-33	5.7 (144)	1

This procedure should be done at the next scheduled maintenance.

### Warranty Claim Information

A flat rate of 1.0 hour will be allowed for this update.

A field update has been released in the warranty system to assist in filing a warranty claim.

**Note: No travel time or mileage will be allowed since this update is done during a routine scheduled oil change maintenance visit.**

This unit warranty claim update will expire on October 31, 2015.

### Safety Precautions

#### ⚠ WARNING



**Accidental starting.**  
**Can cause severe injury or death.**

Disconnect the battery cables before working on the generator set. Remove the negative (-) lead first when disconnecting the battery. Reconnect the negative (-) lead last when reconnecting the battery.

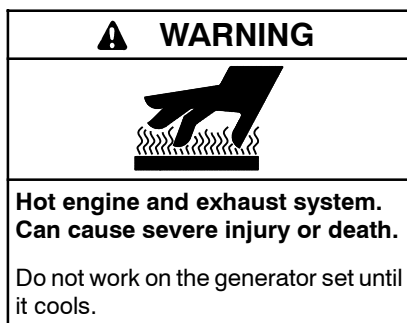
**Disabling the generator set. Accidental starting can cause severe injury or death.** Before working on the generator set or connected equipment, disable the generator set as follows: (1) Move the generator set master switch to the OFF position. (2) Disconnect the power to the battery charger. (3) Remove the battery cables, negative (-) lead first. Reconnect the negative (-) lead last when reconnecting the battery. Follow these precautions to prevent starting of the generator set by an automatic transfer switch, remote start/stop switch, or engine start command from a remote computer.

(Decision-Maker® 3+ and 550 Controllers)

Routing	Service Manager	Sales Manager	Parts Manager	Technician No. 1	Technician No. 2	Technician No. 3	Return This to
Initial Here							

**Disabling the generator set. Accidental starting can cause severe injury or death.** Before working on the generator set or equipment connected to the set, disable the generator set as follows: (1) Press the generator set off/reset button to shut down the generator set. (2) Disconnect the power to the battery charger, if equipped. (3) Remove the battery cables, negative (-) lead first. Reconnect the negative (-) lead last when reconnecting the battery. Follow these precautions to prevent the starting of the generator set by the remote start/stop switch.

(RDC, DC, RDC2, DC2, Decision-Maker® 3000, 3500 and 6000 Controllers)



## Procedure

**Note:** The oil cooler line replacement should be performed during a scheduled oil change. Use the engine literature as needed for changing the oil and filters.

### 1. Remove the generator set from service.

- 1.1 Move the generator set master switch to the OFF position or press the generator set OFF/RESET button.
- 1.2 Disconnect the battery, negative lead first.
- 1.3 Disconnect the battery charger, if equipped.

### 2. Remove and replace the oil cooler lines.

**Note:** Make note of where each oil cooler line end is connected and determine which line is correct when two different lines are used.

- 2.1 Place a suitable container under the engine block and remove the oil drain plug.

Availability is subject to change without notice. Kohler Co. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. Contact your local Kohler® generator set distributor for availability.

- 2.2 After the engine oil has sufficiently drained replace the oil drain plug.
- 2.3 Remove the fan guard.
- 2.4 Replace the oil filters as required.
- 2.5 Remove the fan as needed to access the oil cooler and lines.
- 2.6 Place a suitable container under the area of the oil cooler lines to catch any leaking oil.
- 2.7 Remove the oil cooler lines. If the unit has been in service for a period of time where the rubber oil cooler lines have hardened, it may be necessary to cut the oil cooler lines in order to remove them.
- 2.8 Install the new oil cooler lines.
- 2.9 Reinstall the fan and fan guard.
- 2.10 Fill the engine crankcase with the proper oil amount and viscosity.
- 2.11 Wipe up any spilled oil and dispose of the used engine oil in an approved manner.

### 3. Return the generator set to service

- 3.1 Reconnect the battery, negative lead last.
- 3.2 Reconnect the battery charger, if equipped.
- 3.3 Some engines may require a special procedure to complete the oil change. Follow the engine manufacturer's recommendation.
- 3.4 Move the generator set master switch to the RUN position or press the RUN button to start the generator set.
- 3.5 Stop the unit if any leaks are detected. Repair any leaks and go to step 3.4.
- 3.6 Allow sufficient time (approx. 10 minutes) for the unit to reach operating temperature.
- 3.7 Move the generator set master switch to the OFF position or press the OFF/RESET button to stop the generator set.