

**INSTALLATION INSTRUCTIONS**

Original Issue Date: **12/00**  
 Model: **5/7.3E and 4/6EF**  
 Market: **Marine Generator Sets**  
 Subject: **Air Intake Kit GM11698-KP1**

**Introduction**

Some generator sets were equipped with incorrect air intake systems causing poor engine air/fuel mixture. See Figure 1 for a list of affected generator sets by serial number. Installation of this kit improves the engine air/fuel mixture ratio and decreases the air intake noise level.

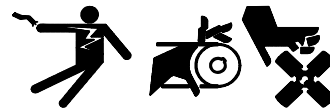
Serial Numbers	
<b>Note: A dash (-) indicates a range of serial numbers.</b>	
0623502-0623506	0631425-0631503
0624407-0624410	0633287-0633291
0625632-0625646	0633302-0633387
0625691-0625693	0633389-0633441
0626132-0626135	0633452-0633458
0626821	0634787-0634803
0626826	0634805-0634916
0626827	0634918-0635001
0626829	0638222-0638226
0626831	0638230-0638232
0628165-0628172	0638234
0628194-0628197	0638236-0638249
0628199	0638251-0638259
0629268-0629292	0638261-0638310
0629328-0629335	0639032
0629337	484952
0629344-0629353	486106
0630437-0630461	

**Figure 1** Generator Set Serial Numbers, Listed Numerically

**Safety Precautions**

Observe the following safety precautions while installing the kit.

**⚠ 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 equipment connected to the set, disable the generator set as follows: (1) Disconnect the power to the battery charger, if equipped. (2) 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.

**⚠ WARNING**



**Fire.**  
**Can cause severe injury or death.**

Do not smoke or permit flames or sparks near fuels or the fuel system.

**Servicing the backfire flame arrester. A sudden backfire can cause severe injury or death.** Do not operate the generator set with the backfire flame arrester removed.

## Installation Procedure

### 1. Remove the Generator Set from Service.

- 1.1 Place the generator set Start/Stop switch in the STOP position.
- 1.2 Disconnect the power to the battery charger, if equipped.
- 1.3 Disconnect the generator set engine starting battery(ies), negative (-) lead first.

### 2. Remove the Flywheel Guard and Flame Arrester.

- 2.1 Remove and save the flywheel guard (359294) and 4 screws (X-6050-4). See Figure 2 for the location of the flywheel guard.
- 2.2 Remove and save the 3 screws (X-6284-6), flame arrester (359340), and air intake gasket (359353). See Figure 3.
- 2.3 Remove and discard the air inlet duct (359339). See Figure 3.

### 3. Install the Air Intake Kit.

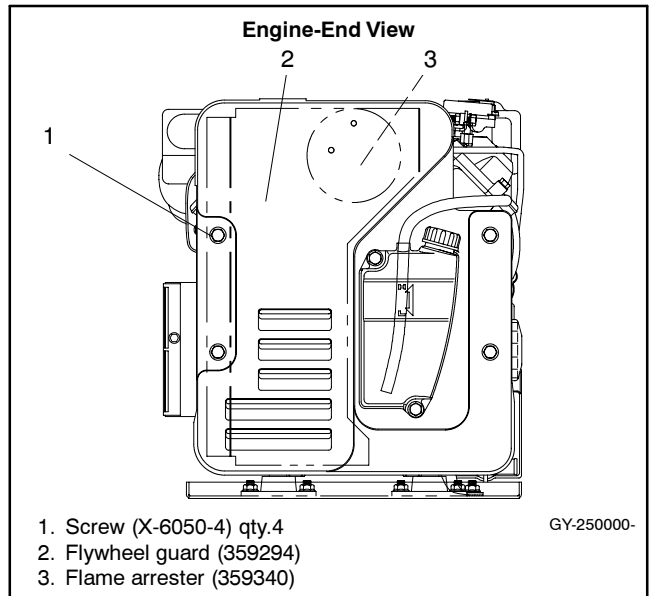
- 3.1 Secure the foam insulation (359577) on the air intake duct (359575). See Figure 4.
- 3.2 Assemble the air intake duct cover (359576), flame arrester (removed in step 2.2), air intake gasket (removed in step 2.2), and air intake duct (359575) using the 3 screws (removed in step 2.2). See Figure 4.
- 3.3 Replace the flywheel guard and 4 screws (removed in step 2.1).

### 4. Restore the Generator Set to Service.

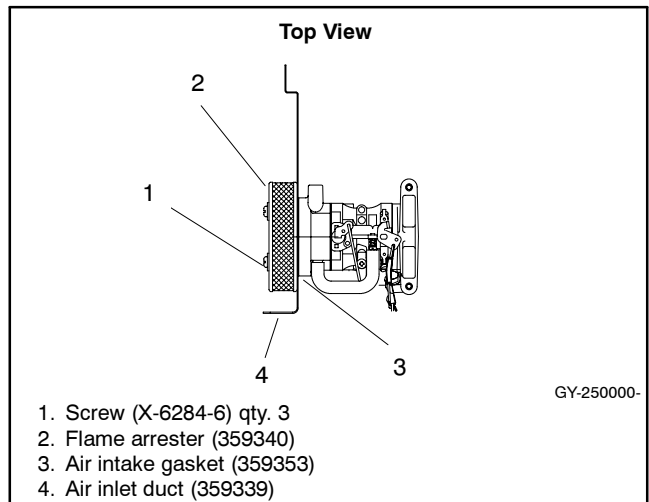
- 4.1 Check that the generator set Start/Stop switch is in the STOP position.
- 4.2 Reconnect the generator set engine starting battery, negative (-) lead last.
- 4.3 Reconnect power to the battery charger, if equipped.

## Parts List

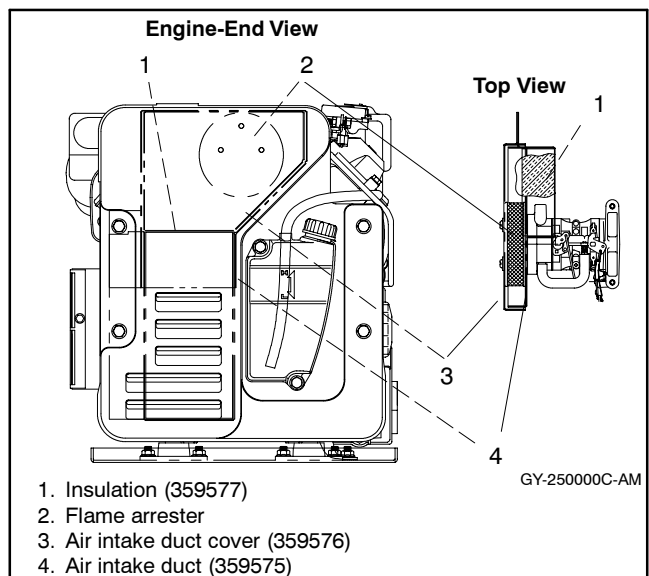
Air Intake Kit: GM11698-KP1		
Qty.	Description	Part Number
1	Insulation, acoustic foam	359577
1	Duct, air intake	359575
1	Cover, air intake duct	359576



**Figure 2** Flywheel Guard and Flame Arrester



**Figure 3** Flame Arrester and Air Inlet Duct



**Figure 4** Kit's Component Locations