



Crusader[®]

E N G I N E S

October, 2006

Re: Product Safety Recall – GM / Crusader Marine Engines 8.1L gasoline marine engines

Dear Boat Owner:

This letter is intended to notify you of an important safety recall campaign involving your boat engine.

Our warranty registration records indicate that you own a boat equipped with a Crusader Engines 8.1L gasoline engine. Crusader Engines purchases the 8.1L base engine from General Motors Corporation. General Motors has advised us that the Fuel Rail Pulse Dampener Retainer Clip used on the identified engines was not heat treated and may fracture, resulting in inadequate retention of the damper. This condition involves the fuel system, if the dampener comes loose, a fuel leak may result which could, under certain circumstances, cause a **fire and/or explosion**. GM states that one fire has been reported in an engine block used in a motor vehicle. The following serial number ranges are affected:

641146,
650062 through **651653,**
660002 through **660739,**
670007 through **670009.**

Crusader Engines strongly recommends that the necessary modifications be scheduled and made as soon as possible, to eliminate the possible unsafe condition. Please contact your dealer as soon as possible to schedule an appointment for this important service. The clip replacement is simple and should be completed within a short period of time. This repair can be made at your dealer's location at no cost to you for parts or labor.

We believe this safety recall is necessary to insure you have the safest and most trouble-free boating experience possible.

If you have any questions regarding this matter or your Crusader engine(s), please contact me at 1-888-527-8799.

At Crusader, your safety and satisfaction is our primary goal.

Sincerely,

T. J. Dellinger
Crusader Captain's Club Concierge

ATTACHMENT 1

#SUPEG-1006-01

Service Update Coast Guard Safety Recall

October, 2006

#060083T

8.1L Fuel Rail Pulse Dampener Clip Replacement

Crusader Engines utilized two different fuel systems on 8.1L engines included in the USCG Recall, #060083T covering 2005 and 2006 8.1L GM base engines. Crusader engines built with the Crusader Returnless Fuel System utilize a different fuel rail (RA086001, pictured below right) than the engines covered by the GM recall (RA086001A, pictured below left).

Crusader 8.1L engines built with the Crusader Returnless Fuel System are not subject to the USCG Recall #060083T service requirement. The recall is specific to fuel rails using the fuel rail dampener retaining clip (RA086001A, pictured below left).

Crusader P/N - RA086001A, Fuel Rail Assembly, pictured below, requires the service instructions of USCG Recall #060083T be performed.

Crusader P/N - RA086001, Fuel Rail Assembly, pictured below, is specifically Excluded from USCG Recall #060083T.

