



STERN DRIVES/INBOARD ENGINES

# service bulletin

NUMBER: 81-3

DATE: 3/11/81

Subject: Quicksilver Engine Cleaner, 92-86146-12 and  
Quicksilver Maintenance & Storage Kits, 92-45235A4

CIRCULATE TO:  
SERVICE MANAGER  
PARTS MANAGER  
MECHANICS

We have received several reports of aerosol containers of Quicksilver Engine Cleaner, 92-86146-12 having burst. These are individual cans and those in the Quicksilver Maintenance and Storage Kits, 92-45235A4. The bursting is caused by extreme pressure build up in the aerosol container due to the age of the product and type of propellant used. When the container bursts, the bottom of the can blows out.

In view of the preceding, Mercury Marine is requesting immediate return of your entire inventory of cartons and cans of Quicksilver Engine Cleaner, 92-86146-12 and Quicksilver Maintenance & Storage Kits, 92-45235A4 to your Regional Service Center.

**IMPORTANT!** Inspect the cans and cases of Quicksilver Engine Cleaner, and Quicksilver Maintenance & Storage Kits you have in your inventory and in your showroom. All individual cans (including those in the Quicksilver Maintenance & Storage Kits) or cases which have no code or are coded "81231" or lower, must be depressurized as stated under "Safe Handling Precautions and Depressurizing Procedure" BEFORE SHIPPING TO THE REGIONAL SERVICE CENTER. The code is located on the bottom of the can. The code on the case (of 12) is on top of the carton.

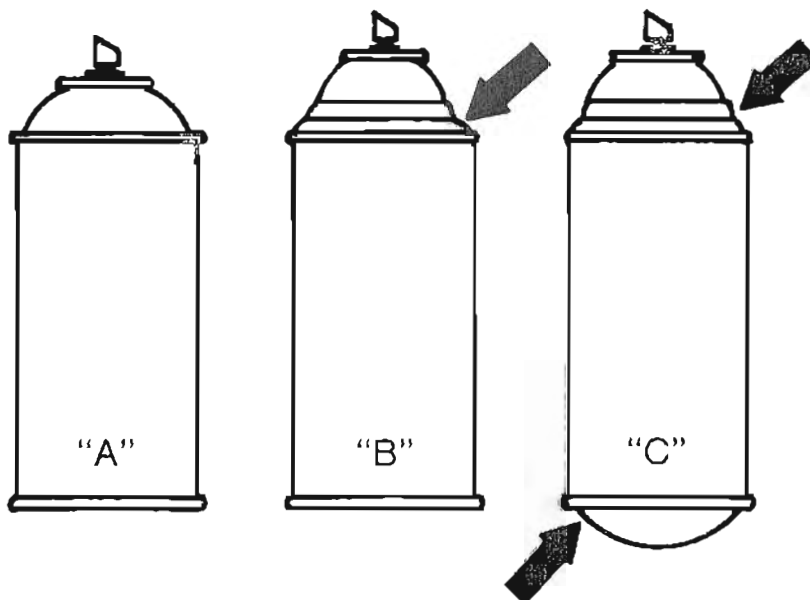
Any aerosol cans of Quicksilver Engine Cleaner in condition "B" or "C" following should be handled with care.

The aerosol containers of Engine Cleaner have the following appearances as shown below:

"A" - Normal Container

"B" - Raised dome. First excess pressure state. **CAUTION WARRANTED!**

"C" - Raised dome and bulged (everted) bottom. Second excess pressure state — **EXTREME CAUTION WARRANTED!**



OVER)

## SAFE HANDLING PRECAUTIONS and DEPRESSURIZING PROCEDURE

Due to excessive age, aerosol cans of Quicksilver Engine Cleaner in condition "B" or "C" contain pressure in excess of design intent. The following procedures must be adhered to:

1. Anyone handling the aerosol cans must wear protective eye goggles or a face shield.
2. Depressurizing operation must be performed out-of-doors.
3. Each can should be kept in an upright position when removed from case or kit. **DO NOT SHAKE!**
4. Personnel handling the aerosol cans should take care to assure that top and bottom of each can does not point at any part of the body or other persons.

**CAUTION! If an aerosol can should burst, follow "Caution" instructions on Engine Cleaner container.**

5. To depressurize containers, carefully spray the contents into a container of floor-dry (or comparable absorbent material) for a minimum of ten (10) seconds in a normal spray position. The can should then be turned upside down and the contents sprayed for an additional ten (10) seconds.
6. Once depressurized, the containers are no longer subject to bursting.
7. Package and return to your Regional Service Center.

Issue one warranty claim per dealer listing the number of cans and/or cases of Quicksilver Engine Cleaner and number of Quicksilver Maintenance & Storage Kits. Warranty Claim is to accompany the shipment to the Regional Service Center. Credit will be issued upon receipt.

### Examples of Listings for Claims:

1 - 92-86146-12	Engine Cleaner	For each full carton of 12 cans.
1 - 92-86146-1	Engine Cleaner	Part number with -1 indicates one can. It will be credited as 1 can, not 1 case.
5 - 92-86146-1	Engine Cleaner	Part number with 5 quantity and -1 suffix is 5 cans. It will be credited as 5 cans, not 5 cases.