

## Technical Service Information

Title **PAINT REPAIRS ON POLYURETHANE BUMPERS**

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### BACKGROUND:

Polyurethane bumper covers are formed by forcing liquid plastic material into a mold. Lubricant is added to the mold as a release agent to make it easier to separate the bumper from the mold.

### MOLD LUBRICANT CHANGE:

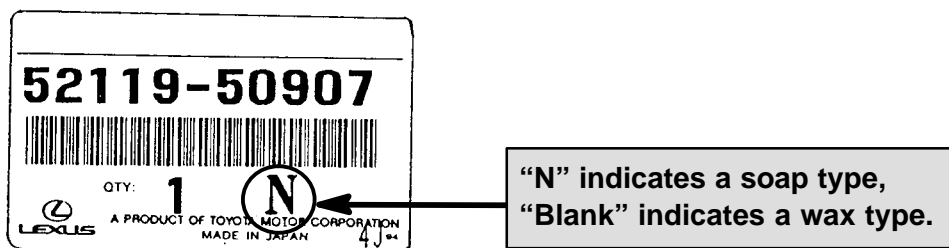
Recently, the mold lubricant (release agent) was changed from a **wax type to a soap type** on OEM supply parts. The wax lubricant was discontinued because wax removal from the bumper surface required the use of trichloroethane.

The new mold lubricant (soap type) is easily removed by using a water based cleaner, such as mild soap and water, and a photochemically non-reactive cleaning agent.

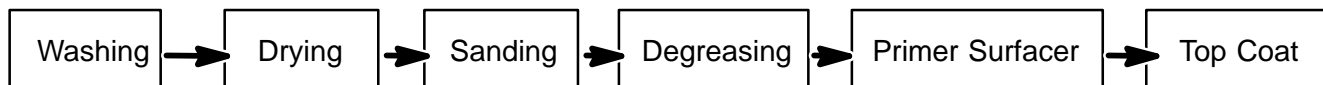
**NOTE:** Remove wax from wax type lubricant supply parts according to the paint manufacturer's recommendations.

### BUMPER IDENTIFICATION:

Supply part bumper covers using Soap Type lubricant were introduced in June 1995. An "N" on the part label identifies the new Soap Type bumpers (see diagram). The "N" identifier on the part number label will be discontinued after July 1996.



### STANDARD PROCESS:



For further details on different paint types and application methods, refer to the paint suppliers' Technical Manual.