

# COLLISION REPAIR INFORMATION

## FOR THE TOYOTA DEALER

TITLE: THREE STAGE PEARLS

PAGE 1 of 1

SECTION: REFINISH BULLETIN #37

MODELS: MA, MX

DATE: JULY 1989



As you may be aware, there are both two stage and three stage pearl paint finishes on 1989 Supras and Cressidas.

MODEL NAME	TWO STAGE PEARL	THREE STAGE PEARL
MA	206, 3H4, 4J7, 8E3	042
MX	170, 3H3, 3H4, 4K2, 8E3	049

The two stage pearls are very similar to standard metallic paints and are refinished the same way as metallics. In fact, some two stage pearl colors are simply metallic paints with pearl added.

Three stage pearl paints consist of an opaque basecoat, translucent mica coat, and a clearcoat. Unlike two stage finishes, the thickness of the mica coat determines the overall color or hue. Therefore, the refinishing technique is different than that of two stage finishes.

Several key points to remember when refinishing three stage pearls are:

- Making a test panel will save a lot of time by reducing rework. Since the thickness of the mica coat determines the final color and the color is difficult to assess while spraying, there is a good chance the repainted area will not match the original paint. A test (or letdown) panel will help determine the correct number of mica coats required to match the original thickness. Minor color corrections can then be made using thinned basecoat or mica coat mixtures.
- The mica coats should be kept within the basecoat area, and the edge blended with a mica mist coat. If the mica coats are extended beyond the basecoat area, there may be a halo due to the different mica thicknesses.