

# Japanese J-1 Launcher



The J-1 is a small launcher (1-ton class) built by NASDA, the Japanese space agency. It is designed using existing components; the first stage is an SRB from the H-II program, while the second stage is the same as used in ISAS' M-V launcher.

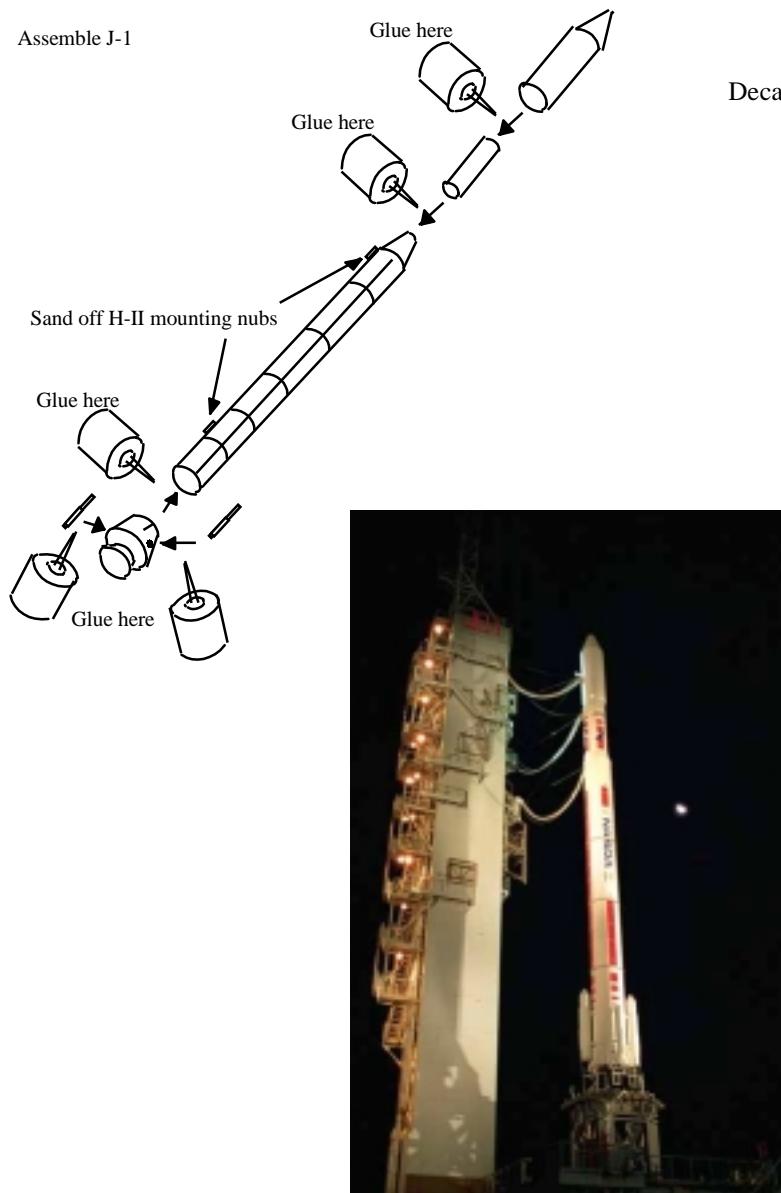
The J-1 was originally intended for use by only a couple of specialized launches; recent decisions by NASDA indicate that more flights of the J-1 lie in the future. A modified and improved J-1, called the J-1A, is also under development. The primary aim of the J-1A is to reduce cost. A J-1 launch currently runs about \$50 million, an exorbitant fee for a small launcher.

This kit is a resin kit. It is not up to the standards of professional mass-produced injection-molded kits; on the other hand, there are no such kits of the J-1. You will need to trim flash off of parts, sand parts to fit, and fill gaps and holes with plastic putty.

Before beginning, take inventory of your parts. Compare them with the kit instructions, and familiarize yourself with both. Now would be a good time to wash all resin parts in soap and lukewarm water, as this will wash off any "weeping" that may have come off the resin during shipping.

Use of a cyanoacrylate glue (Super Glue) or a fast-setting epoxy is recommended.

## 1. Assemble J-1



**Painting:** The J-1 is painted an overall Gloss White.

**Decals:** The included decals are placed at four equally spaced locations around the vehicle. The one without the NASDA logo aligns with one of the Hydraulic Power Units. (The two cylindrical parts at the base).

