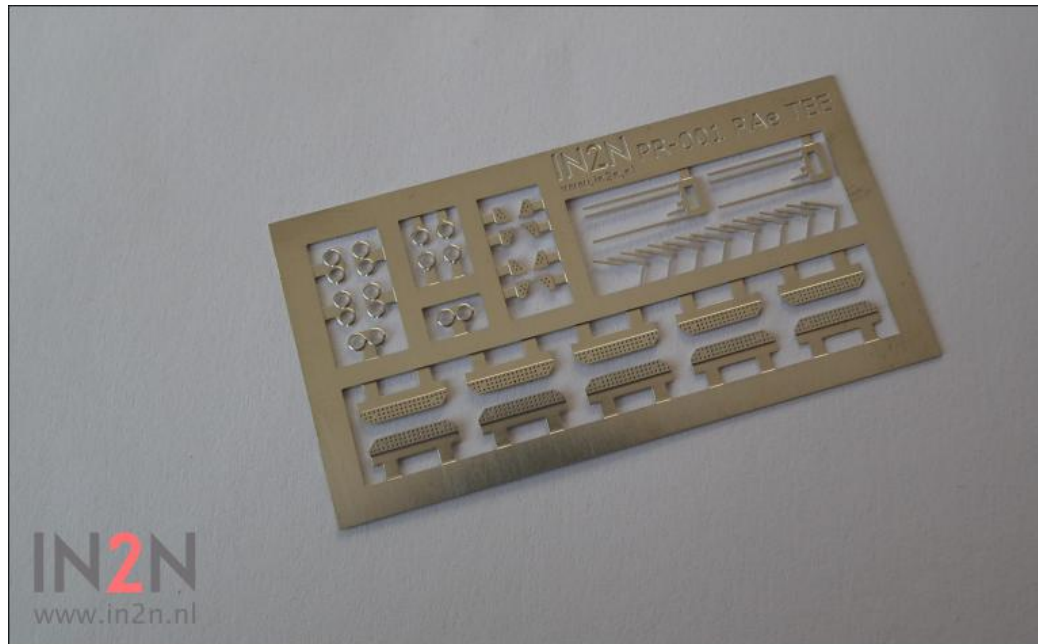


Instructions PR-001

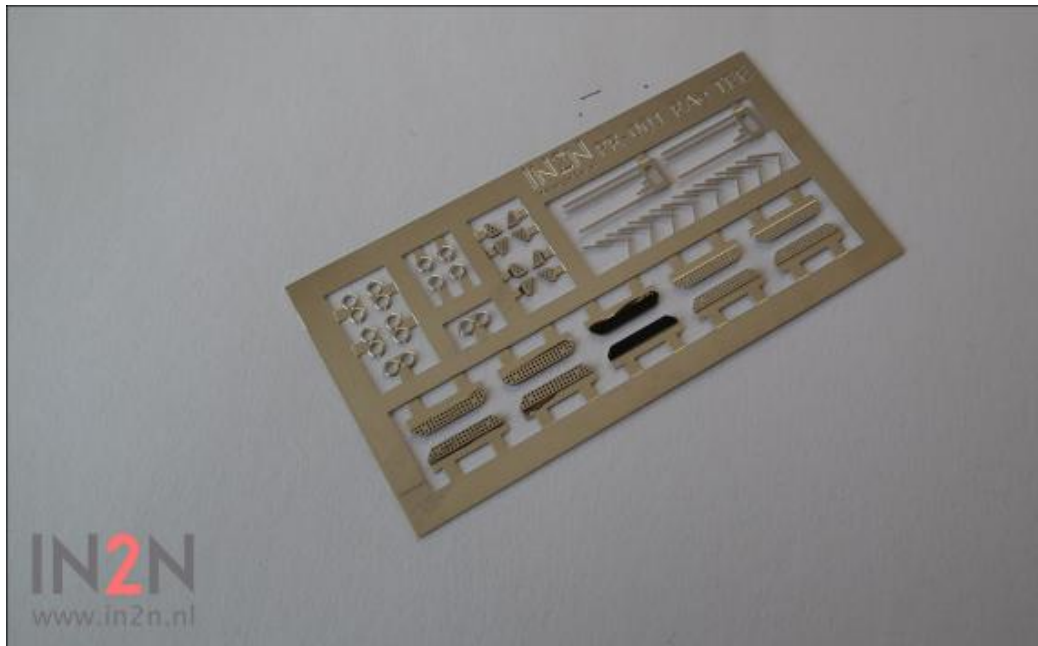
Kato TEE Rae detail parts



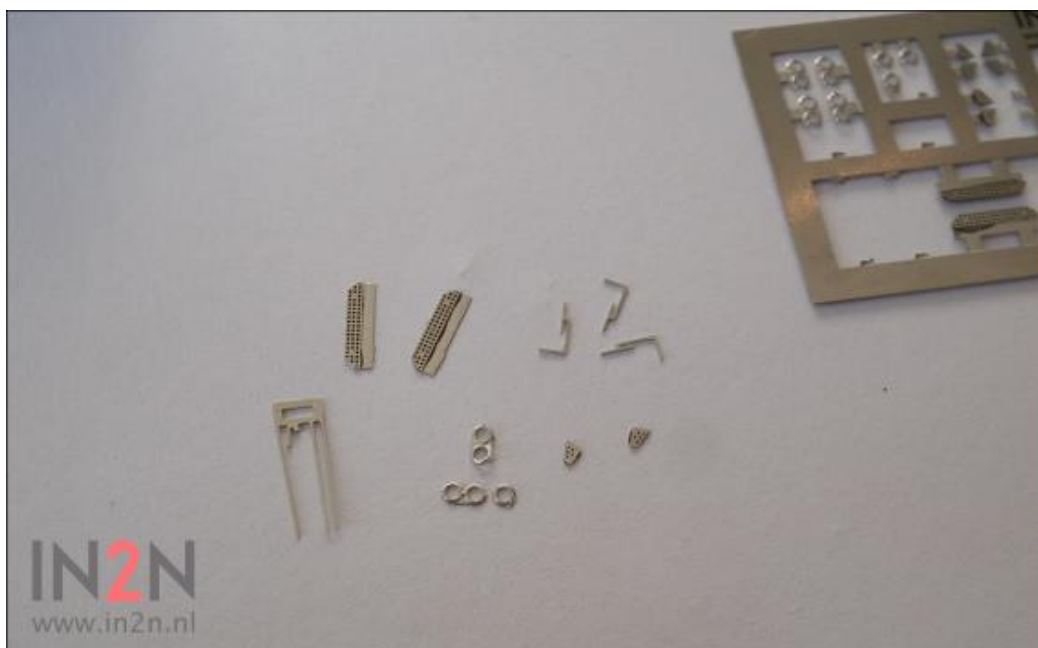
Welcome to the instructions for fitting the IN2N Kato TEE Rae detail parts. The set contains window wipers, front light armatures, doorway steps and coupling details. All you need to fit these details is some spare time, a 0,3 mm drill (manual preferably) and glue of your choice.

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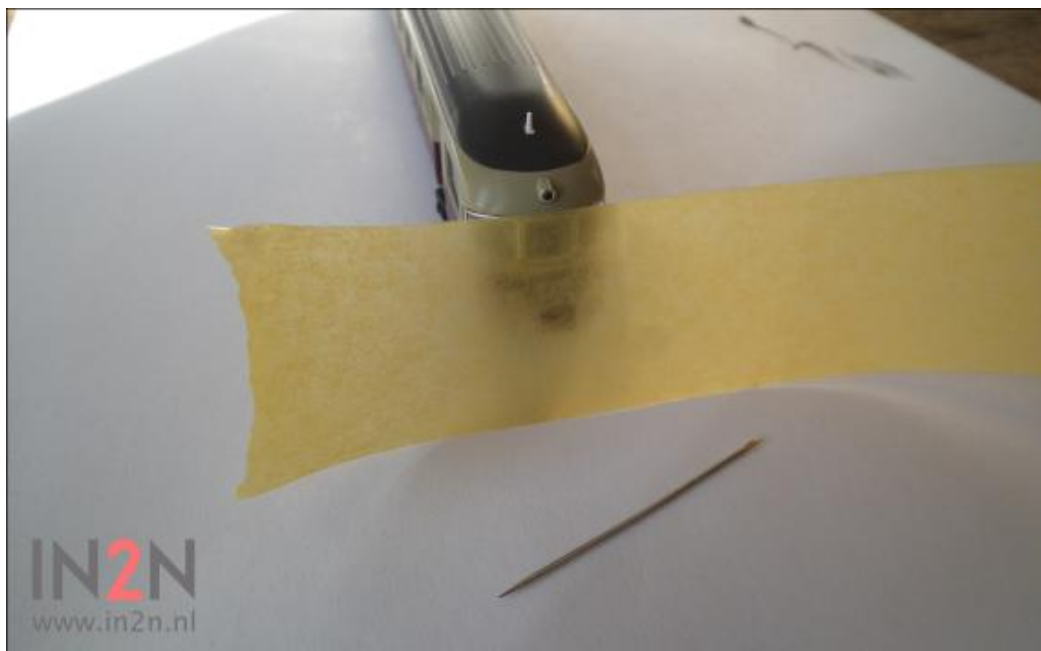
Kato TEE Rae detail parts



Let's get started. To highlight some details you could choose to wash the steps with some dark paint. I've used acrylics and wiped off the access paint by gently wiping the etched parts on normal A4 paper.



Remove the parts. I use an old pair of fine nail cutting scissors. Make sure to cut the window wipers leaving the attachment as long as possible (see the above picture for how your cut-out parts should look). Most parts have some spare copies, so no stress!



To align the holes for the window wipers, I stick on some masking tape about 0,5 mm above the windows. The hole for the middle wiper is centered above the middle window.



The hole for the side window wipers is centered about 0,5 mm medially of the casting seam on the front of the train (see left red arrow for casting seam). I find that making a small centering hole using a sewing needle works well for ease of drilling.



Next drill all holes manually using a 0,3 mm drill. Very little pressure and continually checking if you're still in the right spot. Take your time for this!!



Next, fix the window wipers. Alignment is totally up to your choice. I studied the original and found many pictures depicting several different resting-positions of the window wipers. I choose the outward position for the side wipers and the left position for the middle wiper. Fold the inside of the attaching struds towards the side (not towards the ceiling as that makes them point away from the front window). I fix them from the inside with some PVA glue, just to be sure.



Next up are the couple details. I fold them around the end of a brush. See the above picture for how they should align. Fox with some gentle glue and paint dark grey or black.



The details for the front lights are easily installed. I choose to use PVA glue as this can be removed without leaving a trace in case you're not happy with the positioning.

The steps under the passenger doors (see the above picture, towards the right) are another story. They truly look nice, but they are somewhat delicate. A stronger glue than PVA would be recommended, possibly a product like cristal clear.

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Kato TEE Rae detail parts



Looking at the original package, the train fits in snugly with all the new details. However, the original package will put some pressure on the steps by the passenger doors, making them vulnerable to damage. Careful handling is recommended, or possibly consider not installing the steps if you plan to store your train often.



You're all done!! Happy? I sure was!