



Project Update - Mischief Vespa

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EXECUTIVE SUMMARY

Objective

Find and restore a 50's vintage Vespa that imitates the one seen in the movie, Ratatouille, and the one built in Paris, France. The main objective is guest safety. In order to assure this objective, the Vespa must be designed with guest safety in mind. Negating any and all possibility of entrapment of body parts or clothing of children and adults must be included in the design. Removing items that could be potentially dangerous and securing any items that would normally move.

Goals

1. Make this prop look as close to the movie prop as possible
2. Make it completely safe for guests to sit on and jump off of
3. Negating all possible entrapment points

Project Outline

1. Found a Vespa that matches the one from the movie - VBB
2. Entrapment points
 1. Choke
 1. Removed and fill hole completely leaving a smooth surface.
 2. Helmet Clip
 1. Removed and fill hole completely leaving a smooth surface.
 3. Foot Brake
 1. Removed and fill hole completely leaving a smooth surface.
 4. Clutch and hand brake
 1. Currently working on removing and filling the cover plate holes with epoxy sculpt.
 5. Kick Starter
 1. Removed and fill holes completely leaving a smooth surface
 6. Seat Lock
 1. Removed with the original seat. The fiberglass seat is being produced.
 7. Handle bar switches
 1. Adding a blanking plate after the bike is returned from the body shop.
 8. Holes in the side cowl

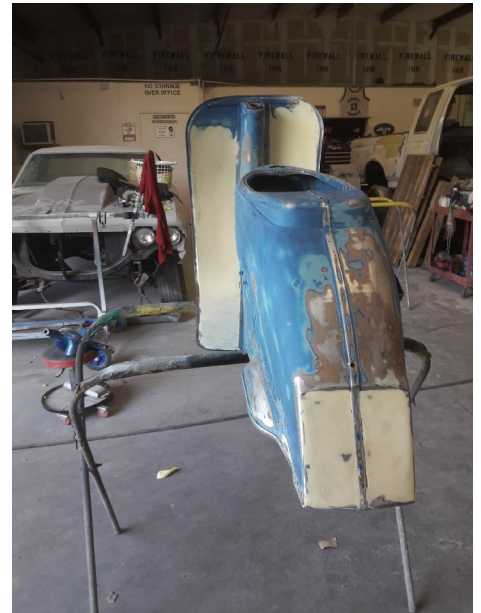
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1. Wire mesh is being added to the inside of the side cowl once they are returned from the body shop.
9. License plate
 1. Being add made out resin to prevent extra heat. This will be one of the final things added to the bike.
3. Fiberglass Seat - **Waiting on an update for seat color.**
 1. To complete this with all of the detail needed to keep the style of the seat looking like the real thing, this will be a longer process, which will include making a silicone mold of the seat. After the mold is completed, the seat will be casted out of tinted fiberglass.
 2. The process for making a fiberglass seat will cost \$1855. That includes all of the materials for making the mold as well as the cast of the seat and labor involved for this part of the project.
4. Locking the steering column
 1. This will be completed after the bike is returned from the body shop.
5. Plate for center stand
 1. This will be completed out of a stainless steel metal plate and tube. The thickness of the plate will be 1/4" and the tube would be 1/4" and either 3x3 or 4x4 square tube. The plate will be welded onto the bottom of the bike and the tube will be welded to two different pieces of plate. This is to ensure secure mounting to the ground. For final install, special Hilti bolts will be provided as well as epoxy to fill the holes with.
 2. Will complete this once the bike is returned from the body shop.
6. Side Cowls
 1. Before attaching the side cowls permanently, the mesh will be installed on the back to make sure that finger entrapments will be negated. This mesh will be welding into place.
 2. The side cowls will be bolted into place underneath the lip of the cowls. This way the bolts will be out of sight and touch of the guest. This will ensure safety for the guest because the side cowls will not be removable.
 3. Will complete this once the bike is returned from the body ship.
7. Wheels
 1. On order.
 2. Foam filling from Tropical Tire will be completed once the tires arrive
 3. Powder coating of the rims will help protect them from the weather, guests and park cleaning.
8. Body work and paint

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1. Currently being worked on. See updated photos below.

1. Body work:



2. Primer:

