Daytona M249 Guide: Checking Magazine Adapter Alignment



Introduction

The magazine adapter in our M249 kit replaces the original in the donor body in order to both provide a feed tube to activate any installed magazine, and the properly line up the feed path of the magazine to the DGA M249 hop up chamber.

If you install this part without first aligning it, you may find it both difficult to insert and lock in magazines, and experience feeding issues.

This guide instructs you on the steps to get this adapter aligned with the rest of the engine, and is a supplement to the DGA M249 Installation Manual. Please refer to that manual for additional information.

What You Need

- 2mm hex wrench/driver/key
- Rotary tool with sanding/grinding bit OR narrow round file
- 6mm OD dowel or tubing
- Thread lock
- Marker

Installing and Aligning the Magazine Adapter

This guide assumes that you have already disassembled your donor body, and have reached the appropriate step of the Installation Manual.

1. Slide the DGA adapter up into the magazine well, ensuring that the threaded holes face upwards
2. Slide the 6mm dowel or tube into the feed tube of the adapter and up into the DGA engine
3. Push the adapter with your fingers so that it sits flush inside the magazine well, while continuing to hold the dowel in place
4. Check the alignment of the tapped holes in the adapter against the fastener holes in the donor magazine well. They will most likely not be aligned
5. Mark the material that needs to be removed on the magazine well to fully expose the threaded holes in the adapter
6. Remove the adapter from the magazine well
7. Grind or file the magazine well fastener holes
8. Reinsert the adapter and dowel to check the alignment again. Proceed to the next step if the holes are fully exposed. If not, return to Step 4.
9. Install and tighten both screws holding the adapter in place with the 2mm driver. Continue keeping the dowel in place until both screws are tightened. Use thread lock.

10. Proceed with the remainder of the installation if you are following these instructions during that process.