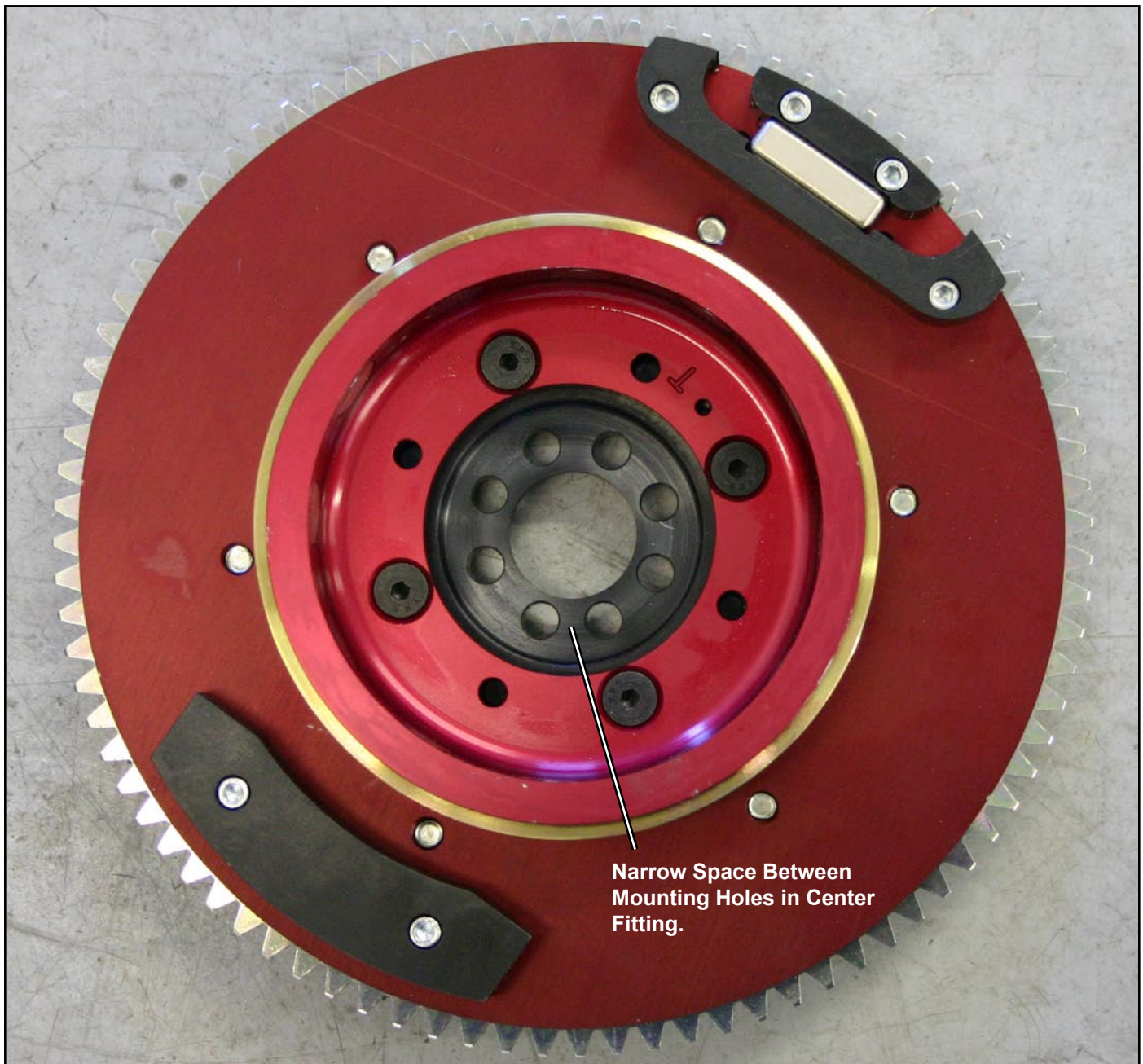




This page describes re-aligning and re-installing the flywheel components on the center fitting. This may need to be done with all components, including the center fitting, removed from the engine.

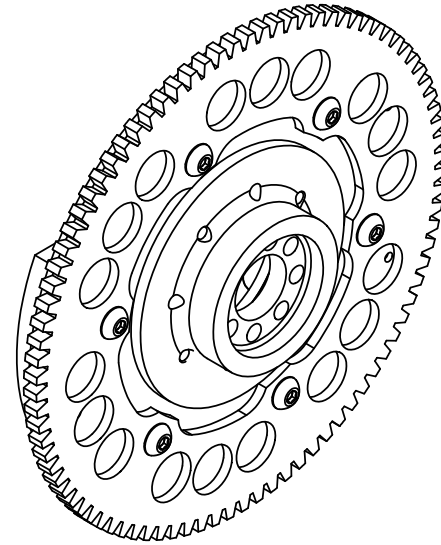
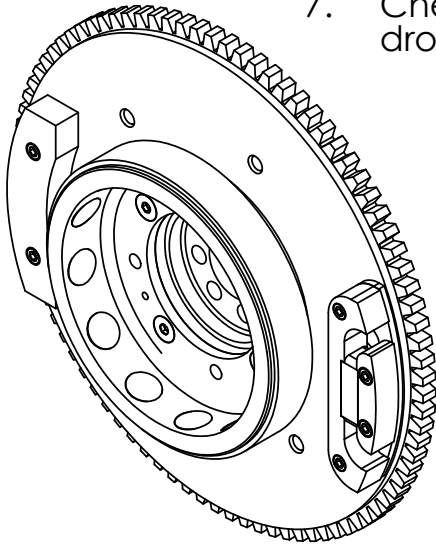
1. Position the black center fitting so the two holes with the close spacing are at the 6-0'Clock position. See photo.
2. Place the flywheel/ring gear over the center fitting with the magnet/counterweight positioned as shown.
3. Place the magnet ring on the flywheel. The magnet ring has no specific orientation.
4. Apply Loctite 262 to the four short flathead socket cap screws (shown in the photo) and install the screws.
5. Apply Loctite 262 to the four long flathead socket cap screws and install the secondary ignition trigger shaft (not shown).
6. Loosen and rotate the magnet cap until the embedded magnet points to the center of the flywheel-mounted magnet. Tighten the magnet cap.
7. Perform the flywheel centering/ stator clearance check detailed at this url: http://www.aeroconversions.com/aero_service.html
8. Re-time the secondary ignition as described in your AeroVee Assembly manual.



Narrow Space Between
Mounting Holes in Center
Fitting.

Flywheel Assembly Checklist:

1. Countersink the ACV-F01-10 Flywheel with the Deburring Tool so the Cap Screws are flush with the magnet ring. (Line up the timing hole and Countersink the 4 holes you're about to install.
2. Spray Cap Screws with Loctite Primer #7649 and spray into bag. Shake it up.
3. Smallest Hole Gap in the Steel Center Fitting will be at 5 o'clock position when the Primary Trigger Magnet is in the 12 o'clock position.
4. Apply a liberal amount of Red Loctite #262 along the entire threaded portion of the Flush Cap Screws and Install them. Snug up tightly.
5. Use the Magnet Pole Checking Tool to verify the magnet ring magnets alternate from North to South Pole.
6. Check the Primary Trigger Magnet with Magnet Pole Checking Tool. Should read North in the Center and South on Each Side.
7. Check Primary Trigger for Tightness. If loose, put a few drops of loctite into.



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	AEROCONVERSIONS, INC	
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	DMH 7/17/2006		
		INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED		SIZE DWG. NO. REV A ACV-F01-02 NC	
		MATERIAL 6061 T6	ENG APPR.			
NEXT ASSY	USED ON	FINISH RED ANODIZED	MFG APPR.			
APPLICATION		DO NOT SCALE DRAWING	Q.A.			
			COMMENTS:			

