



**PART NO. APV-GA-2**

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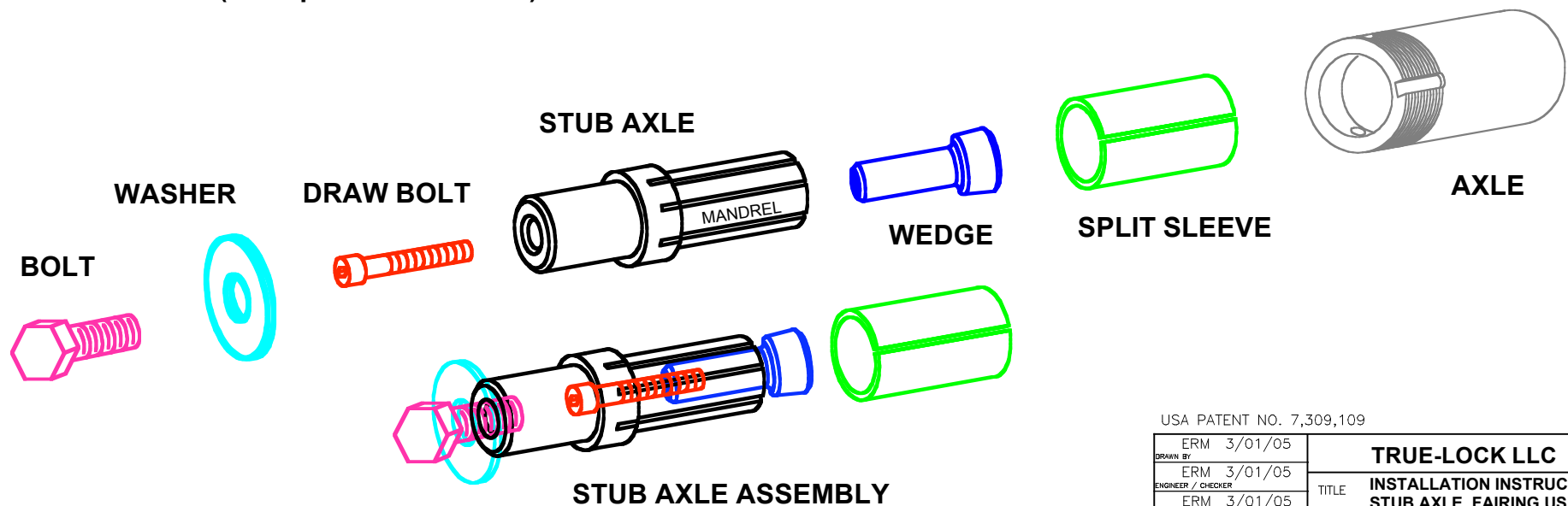
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	AS ISSUED TO TOOLING	03-01-05	LJW

**STUB AXLE ASSEMBLY FOR USE WITH WHEEL FAIRINGS**

**INSTALLATION INSTRUCTIONS:**

For use with the True-Lock Axle Nut System (see part number APV-GA-1).

1. Clean inside diameter of axle and remove debris that will interfere with seating of stub axle.
  2. Check for fit of stub axle. If inside diameter of axle is larger than stub axle the use of a split sleeve is required.
  3. Coat parts with Lear Chemical Corrosion Block grease or anti-corrosion material. Assemble stub axle inserting draw bolt on threaded end of stub axle and wedge into opposite end. Using a 3/16 allen wrench, draw wedge into stub axle but do not expand mandrel of stub axle with draw bolt and wedge when not installed in axle. NOTE: Drawing the wedge in the mandrel tight when not installed in the axle will cause over-expansion of mandrel.
  4. Slide assembled stub axle into axle and tighten draw bolt to 96-120 inch pounds.
  5. Enlarge outside wheel fairing mounting bolt hole to 0.468 inches if using part number APV-SA1-6 or enlarge mounting bolt hole to 0.531 if using part number APV-SA1-6B .
  6. Tighten wheel fairing mounting bolt to the recommended manufactures bolt torque specifications found in the aircraft maintenance manual or to 180-200 inch pounds.
  7. Fill out FAA Form 337, reference STC No. SA00780SE and make appropriate log book entry, Weight and Balance change negligible.
- Note for removal: Loosen draw bolt 3-4 turns, while allen wrench still engaged, tap lightly with hammer to release wedge. Pull stub axle out (and split sleeve if used)..



USA PATENT NO. 7,309,109

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SYSTEM GRAPHITE 7 FILENAME APV-GA-2[B]	C PART NO. APV-GA-2 SHEET 1 OF 1