



## SERVICE INSTRUCTION

### NEW KEY INSTALLATION PROCEDURE

This procedure is for the installation of a new key for the EDM-900, EDM-930 and EDM-960 series Instruments. This procedure will reconfigure the instrument with the information factory programmed into the new key.

1. Power down the instrument.
2. On one side of the instrument you will find a small rectangle label which shows the configuration limits. It should show the sentence 'Instrument Limits for: [your airplane]'. Feel this label to see if a large circular or rectangle hole is being covered. This the access hole to the key. Remove this label (or if you have a round black cap, remove it instead).
3. Inside will be a small square pc board that is plugged into a slot. This is the key.
4. **Carefully remove the key and note how it is oriented when it comes out.** You will use this same orientation when you later install the new key. **This key must be returned to JP Instruments at:**

JP Instruments  
3185-B Airway Avenue  
Costa Mesa, CA 92626

5. **Power up the instrument with no key installed.**
6. After the instrument has finished booting up, turn off the instrument.
7. Install the new key.
8. Power up the instrument.
9. You will see **INIT CONFIGURATION? NO?**
10. Press **Change** button (the second one from the left) to show **YES?**
11. Press **Step/OK** button (the first one from the left) to confirm.
12. Now you will see **OVERWRITE FUEL TABLE? NO?**
13. If you do, then press **Change** button (the second one from the left) to show **YES?**
14. Press **Step/OK** button (the first one from the left) to confirm.
15. Now you will see **OVERWRITE K FACTOR? NO?**
16. If you have altered your K factor since the last 'key' was installed, and are happy with your GPH reading, then say **NO**. If you do want to change, then press **Change** button (the second one from the left) to show **YES?**
17. Press **Step/OK** button (the first one from the left) to confirm.
18. Now you will see **OVERWRITE ENGINE CONSTANTS? NO?**
19. If you have altered your Engine HP Constant factor since the last 'key' was installed, and are happy with your %HP reading,



then say **NO**. If you do want to change, then press **Change** button (the second one from the left) to show **YES?**

20. The instrument should now have the new configuration programmed into it from the new key.
21. Recycle the power to the unit one more time.
22. Leave the key installed and place the provided new configuration label over the hole (or replace the black cap).
23. Verify that the aircraft configuration matches what is shown on the lower area of the display.