



INSTALLATION INSTRUCTIONS FOR ACI
97 - 04 EL-NINO WING
AWF700

IMPORTANT!
READ INSTRUCTIONS BEFORE BEGINNING INSTALLATION

THE FOLLOWING INSTRUCTIONS INCLUDE 18 STEPS WITH CORRESPONDING PICTURES TO FACILITATE THE INSTALLATION OF THE PART NUMBER LISTED. PLEASE BE AWARE OF THE "NOTE" AND "TIP" REFERENCE SECTIONS. YOU MAY CALL AMERICAN CUSTOM INDUSTRIES FOR TECHNICAL ADVICE, 8:00AM TO 5:00PM EASTERN, SHOULD YOU NEED ASSISTANCE AT 1-800-822-8020.

1. USING 2" MASKING TAPE, TAPE OFF AREA OF CAR WHERE WING WILL MOUNT (SEE FIG. 1). THIS STEP IS TAKEN TO PROTECT THE REAR DECK DURING INSTALLATION.
2. REMOVE FOUR (4) MOUNTING STUDS FROM WING FEET, USING CAUTION NOT TO DAMAGE THREADS. **TIP... DOUBLE-NUTTING STUDS ALLOWS FOR EASY REMOVAL (SEE FIG. 2).**
3. LOCATE FOUR (4) "T" STRIP DRILLING JIGS IN HARDWARE KIT PROVIDED. INSTALL JIGS BY INSERTING THE RAISED CENTER INTO STUD HOLES ON WING. JIGS SHOULD BE INSTALLED PERPENDICULAR TO WING FEET (SEE FIG. 3).
4. WITH DRILLING JIGS INSTALLED, PLACE WING ON DECK OF CAR IN MOUNTING POSITION. **NOTE... THE BOTTOM REAR OF THE FEET SHOULD SIT AT REAR EDGE OF REAR DECK.**
5. ONCE FINAL MOUNTING POSITION IS DETERMINED, TAPE DRILLING JIGS TO REAR DECK (SEE FIG. 5).
6. REMOVE WING FROM CAR, LEAVING "T" STRIP DRILLING JIGS TAPED IN PLACE (SEE FIG. 6).
7. USING THE HOLES IN THE RAISED CENTERS OF DRILLING JIGS AS A GUIDE, DRILL FOUR (4) 3/32" HOLES INTO REAR DECK. **NOTE... ONLY DRILL THROUGH OUTER SKIN OF REAR DECK AT THIS TIME.** ONCE ALL FOUR (4) 3/32" HOLES ARE DRILLED, REMOVE THE DRILLING JIGS FROM REAR DECK.
8. OPEN REAR DECK AND COVER ENTIRE CARGO AREA WITH A PROTECTIVE COVERING.

9. KEEPING THE REAR DECK OPEN ABOUT 6" TO PROTECT INTERIOR, LOCATE THE FOUR (4) MOUNTING HOLES PREVIOUSLY DRILLED IN STEP 7. USING THESE HOLES AS A GUIDE, DRILL FOUR (4) 1/4" HOLES THROUGH THE OUTER SKIN OF REAR DECK AND INTO THE INNER SKIN.

!!!CAUTION!!!

MAKE SURE ALL FOUR (4) 1/4" MOUNTING HOLES ARE DRILLED STRAIGHT THROUGH BOTH OUTER AND INNER SKINS SO THAT HOLES ARE ALIGNED DIRECTLY ABOVE ONE ANOTHER.

10. OPEN REAR DECK COMPLETELY AND LOCATE FOUR (4) HOLED PREVIOUSLY DRILLED IN STEP 9. ENLARGE THESE HOLES WITH A 13/16" HOLE SAW. **NOTE... IT IS IMPORTANT THAT THE HOLE SAW BE USED ON THE INNER SKIN ONLY (SEE FIG. 10).**
11. REMOVE ALL MASKING TAPE FROM REAR DECK.
12. REINSTALL FOUR (4) MOUNTING STUDS INTO WING FEET. USE CAUTION NOT TO OVERTIGHTEN TO AVOID DAMAGE TO THREADS IN WING FEET.
13. WITH MOUNTING STUDS INSTALLED, LOWER WING ONTO CAR IN MOUNTING POSITION. SECURE WING WITH NUTS THROUGH 13/16" ACCESS HOLES IN INNER SKIN OF REAR DECK (SEE FIG. 13).
14. CHECK FIT. MAKE ANY NECESSARY ADJUSTMENTS BEFORE PROCEEDING TO NEXT STEP.
15. REMOVE WING FROM CAR AND COMPLETE ALL NECESSARY PREP AND PAINT WORK.

!!!NOTE!!!

BEFORE PREP SANDING BEGINS, WASH WING DOWN WITH A STRONG DETERGENT, SUCH AS DISH SOAP, TO REMOVE ANY MOLD RELEASE AGENTS PRESENT FROM THE MANUFACTURING PROCESS.

16. ONCE PAINT WORK IS COMPLETE, REINSTALL WING.
17. INSTALL FOUR (4) 13/16" HOLE CAPS PROVIDED IN HARDWARE KIT TO FINISH OFF ACCESS HOLES IN INNER SKIN OF REAR DECK (SEE FIG. 17).
18. INSTALLATION IS NOW COMPLETE.

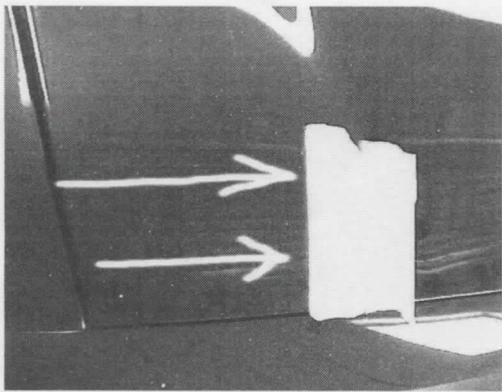


FIG. 1

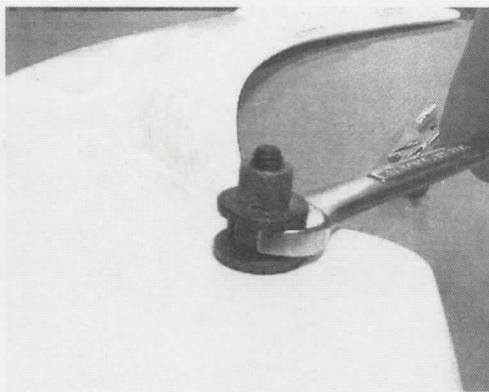


FIG. 2

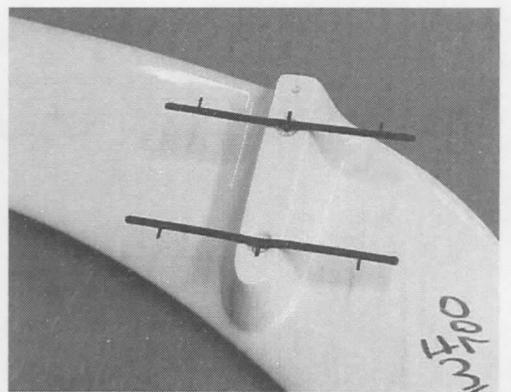


FIG. 3

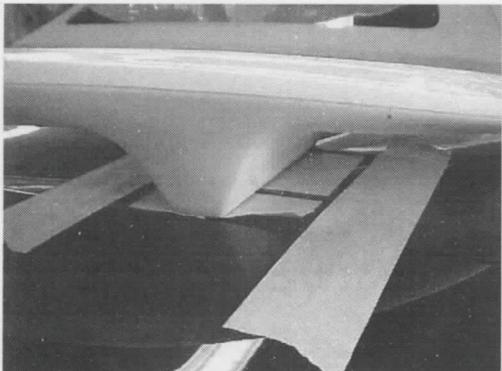


FIG. 5

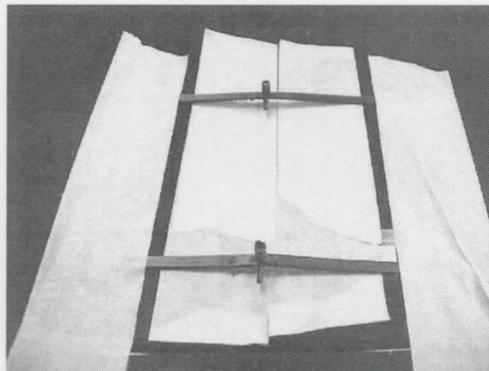


FIG. 6

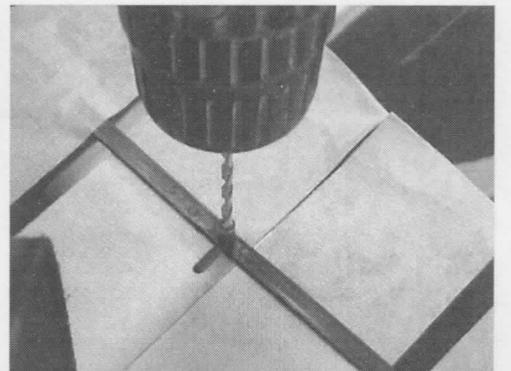


FIG. 7



FIG. 10



FIG. 13

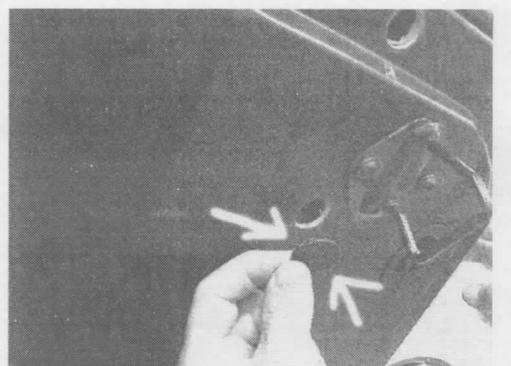
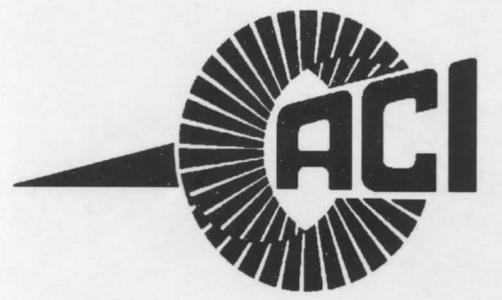


FIG. 17



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