

AC OUTLET (P/N 11560WB) ASSEMBLY INSTRUCTIONS

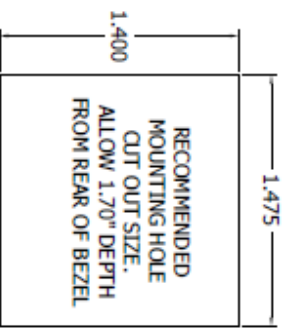
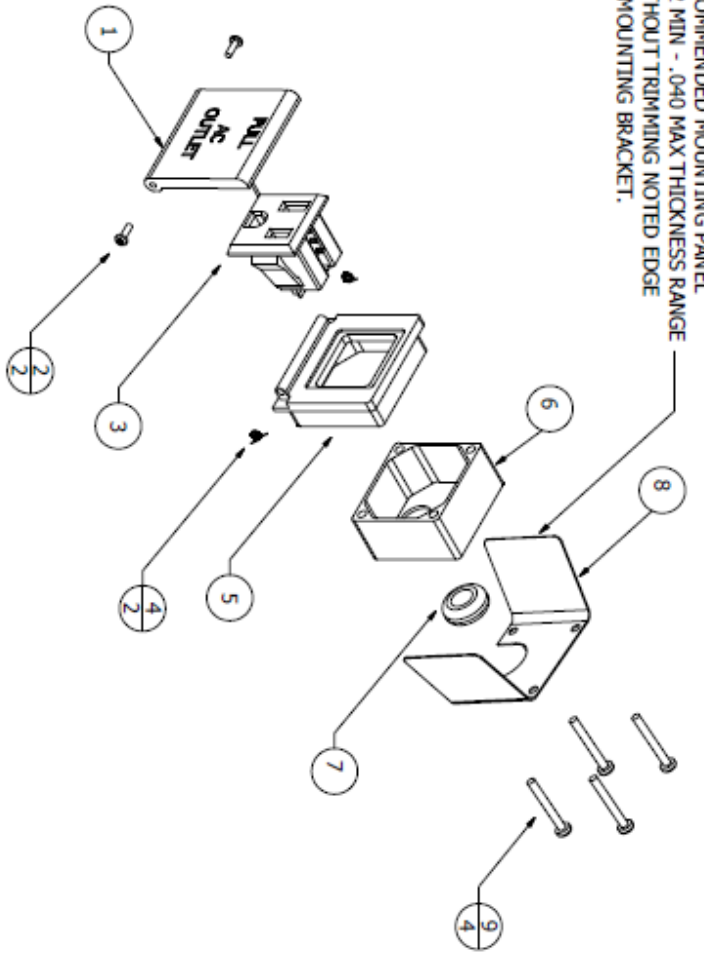
The AC Outlet assembly parts may be custom plated to match the aircraft's existing bright work, painted to blend with the surrounding mounting area, or it may be polished and clear coated to produce a natural machined aluminum finish. The possibilities are limited only by the customer's requirements.

The unit is provided in a "kit" form so that the installer may have the option of performing the appropriate finish specification before the unit is assembled. Once the finish is applied to the hinged AC Outlet Lid (item #1), the AC Bezel (item #5), and the two AC Outlet Lid screws (item #2), the parts may be assembled.

In order to assemble the parts into a unit:

1. Install one item #2 screw completely into item #1 hinged AC Outlet Lid and tighten.
2. Install one item #2 screw into item #1 hinged AC Outlet Lid until 2 – 3 threads show from the opposite side.
3. Install the coils of one item #4 Torsion Spring onto the threaded area of screw installed in step #1. Install spring with loop ends furthest away from AC Outlet Lid. CAUTION: DO NOT REMOVE RUBBER BAND WITH WARNING TAG FROM SPRINGS!
4. Insert AC Outlet Lid (from step 3) screw end with spring installed into the hinge hole of item #5 AC Bezel.
5. While holding the two parts in this position, install the coil of the second Torsion Spring onto exposed threads of other screw of AC Outlet Lid ensuring that loop ends are facing away from Lid. CAUTION: DO NOT REMOVE RUBBER BAND WITH WARNING TAG FROM SPRINGS!
6. Align second screw and Torsion Spring with AC Bezel hinge hole and tighten screw completely. DO NOT FORCE SCREW. Improper alignment or forcing screw may damage unit or finish.
7. Check AC Outlet Lid and Torsion Springs for freedom of movement and proper Lid closure.
8. Rubber band may be cut and removed once AC Outlet Lid operation is verified.
9. Insert electrical Receptacle Assembly item #3 with wires thru AC Bezel and align Receptacle with ground blade hole in either an up or down orientation and snap into place.
10. Insert wires thru item #7 Grommet and #6 Rear Housing.
11. Align Rear Housing so that Grommet and hole with wires are oriented opposite from electrical receptacle ground lug and install four item #9 Screws and tighten. Do not over torque screws.
12. Install wires into electrical plug in accordance with Electrical Connection chart. Verify connections with test meter.
13. Mounting may be accomplished with the item #8 Mount Bracket using rear housing screws as attach points. The physical mounting must allow for a secure installation to ensure reliable continued operation of the outlet and the electrical system.

RECOMMENDED MOUNTING PANEL
 .032 MIN - .040 MAX THICKNESS RANGE
 WITHOUT TRIMMING NOTED EDGE
 ON MOUNTING BRACKET.



PARTS LIST 11560WB
 AC OUTLET

ITEM	QTY	PART NUMBER	DESCRIPTION
*	AR	XPF-1/4	SLEEVE
*	AR	M22759/16-16-9	WIRE, 16 AWG
*	3	03-09-1119	TERMINAL, FEMALE CRIMP
*	1	03-09-1032	RECEPTACLE, 3 CIRCUIT
*	3	02-09-2118	TERMINAL, MALE, CRIMP
*	1	03-09-2032	PLUG, 3 CIRCUIT
9	4	MS35206-221	SCREW, 4-40 X 1.0"
8	1	RB-0002	MOUNT BRACKET
7	1	GRM-2252	GROMMET
6	1	12720-02	HOUSING, REAR
5	1	12720-01	BEZEL, AC
4	1	Q-91508 REV:1	SPRING, TORSION
3	1	NEMA 15R	RECEPTACLE ASSY.
2	2	MS35206-203	SCREW, 2-56 X 0.25"
1	1	12720-03	LID, AC OUTLET

* PART NOT SHOWN

CUSTOMER DATA SHEET
 REV. C 10-15-2011
 DOC # 11560WB

AC RECEPTACLE IS RATED (115VAC)
 15 AMPS MAXIMUM.

ELECTRICAL CONNECTIONS	
SHORT BLADE (LINE)	PIN 1
LONG BLADE (NEUTRAL)	PIN 2
GROUND PRONG (GROUND)	PIN 3

4 3 2 1