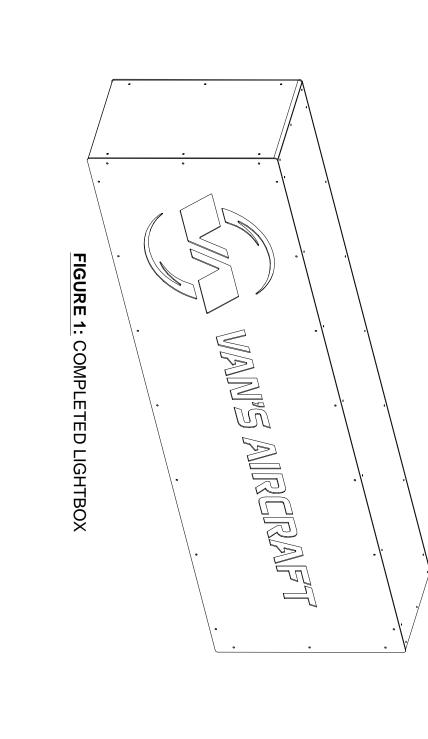
VAN'S LIGHT BOX PROJECT



The Van's Light Box Project can be completed in two configurations and with several different styles of rivets included in your kit. Rivet types can be mixed and matched to suit your preferences (Note that the nutplate rivets must be AN426 as shown in Figure 2). NOTE: Before starting assembly of your Van's Light Box Project, read and become familiar with Van's Kit Assembly Instructions (KAI) Section 5 "General Information" which is available for download at the Van's website. KAI Section 5 provides detailed information on skills and techniques necessary to complete your project.

> SECTION

Step 1: Inventory the parts and hardware in your kit. It is good practice to organize and arrange the parts and hardware for ease of location during the build. These instructions explain the common steps for all rivet types, and for the basic configuration (LB-00002 Light Box Backplate attached with screws). By rearranging the parts, the Faceplate can be attached with screws in lieu of the Backplate. Decide which part you want to be removable before starting, and adjust the parts placement and Step 4 to

Step 2: Dimple #40 the rivet holes in the K1000-06 nutplates, the nutplate rivet holes in both LB-00005 Light Box Long Angles and both LB-00006 Light Box Short Angles. See Figure 2. ιtes to both LB-00005 and both LB-00006 using the rivets

NOTE: Dimple only the nutplate rivet holes at this time.

Step 4: Drill #27 and debur all holes in the LB-00002 Light Box Backp Step 3: Rivet the nutp

Step 5: Prepare the remaining Light Box parts for riveting as required for your chosen rivet type NOTE: Instructions specific to individual rivet types are located at the bottom of these inscan be found in KAI Section 5.

Step 6: Assemble the Lightbox as shown in Figure 3. NOTE: Now is the best time to scuff or prime & paint the interior surfaces of the Light Box if desired

Step 7: Mark the desired location for the LB LED POWER SUPPLY wire to exit the Light Box. Step Drill 3/4 a hole debur, then install the AN931-4-12 Gromet in the hole. Step 8: Cover the exposed wires at the end of the LB LED STRIP with heat shrink or tape. See

Step 9: Clean the interior of the Light Box with denatured alcohol, then install the included LED strip lighting as

CAUTION: Carefully consider the security of your display location for the "borrowing" of your project. Step 10: Connect the LB LED POWER SUPPLY to the LB LED STRIP.

NOTE: Do not dimple rivet holes in the LB-00007 or LB-00008 on flanges that will mate to the LB-00001. AN426AD3-3: Macl #40 the holes in the LB-00001 Light Box Fac

RIVET PREPARATION DETAILS:

AN470AD3-3: Debur all rivet holes as required. Dimple #40 all other rivet holes

LP4-3: Match-Drill #30 all rivet holes and debur

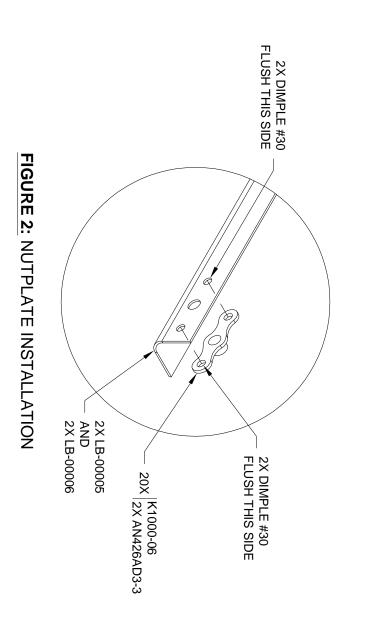
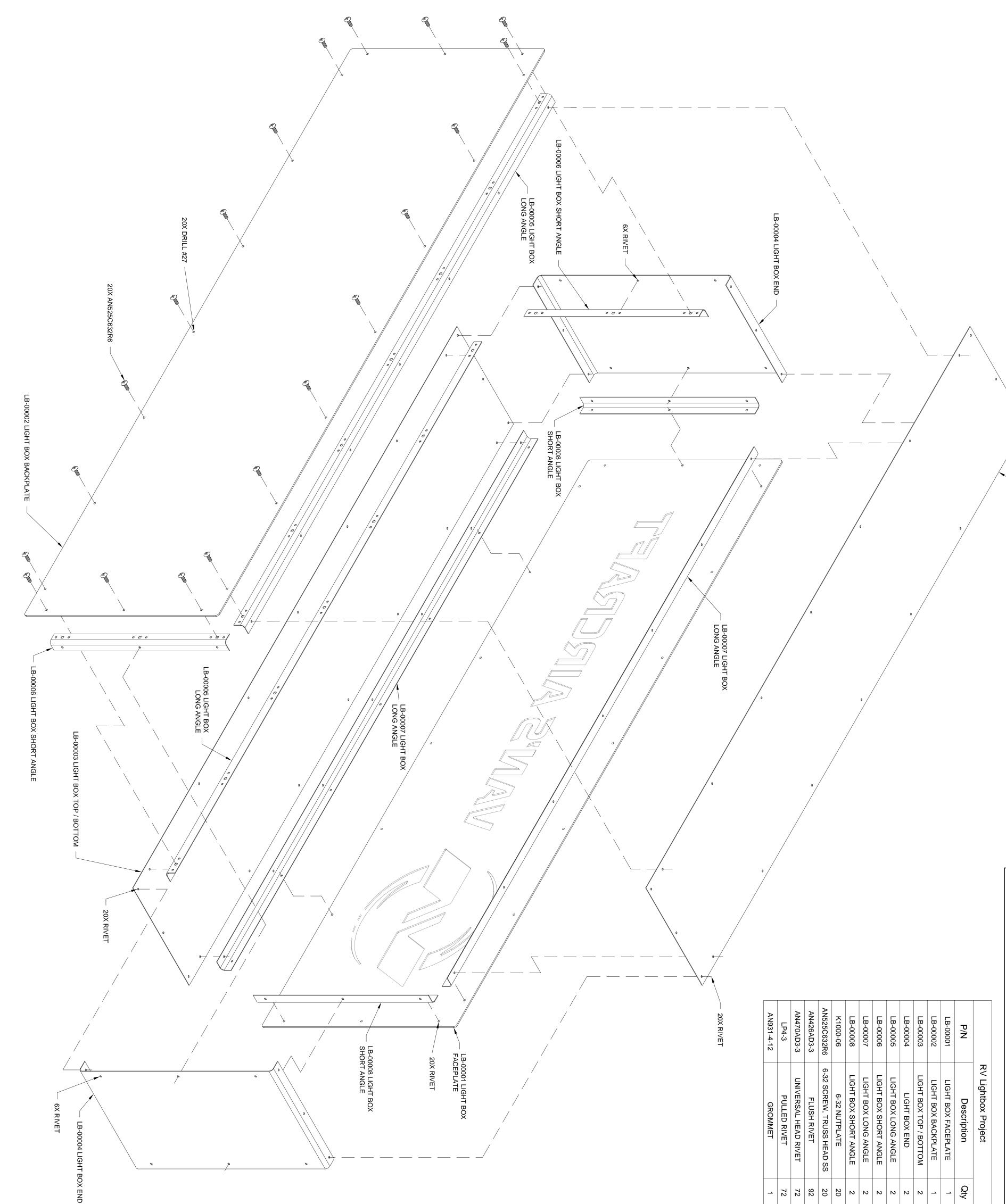


FIGURE 3: LIGHT BOX ASSEMBLY

RH RH







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20 20