BUZZ OVERLAND

SMART FLOOR INSTALLATION INSTRUCTIONS



Built for Adventure, Engineered for Durability

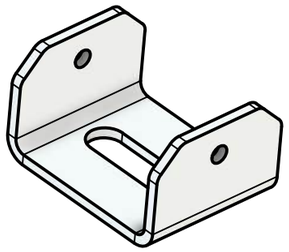
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SUB FRAME INSTALLATION - PART 1

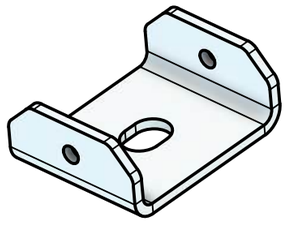
Preperation: Remove Rear Seats from vehicle. Save factory bolts that bolts seat frame to vehicle for re use later in this installation.

TIP: If you plan on installing sound deadening and Inuslaiton do this prior to installing the Sub Frame.

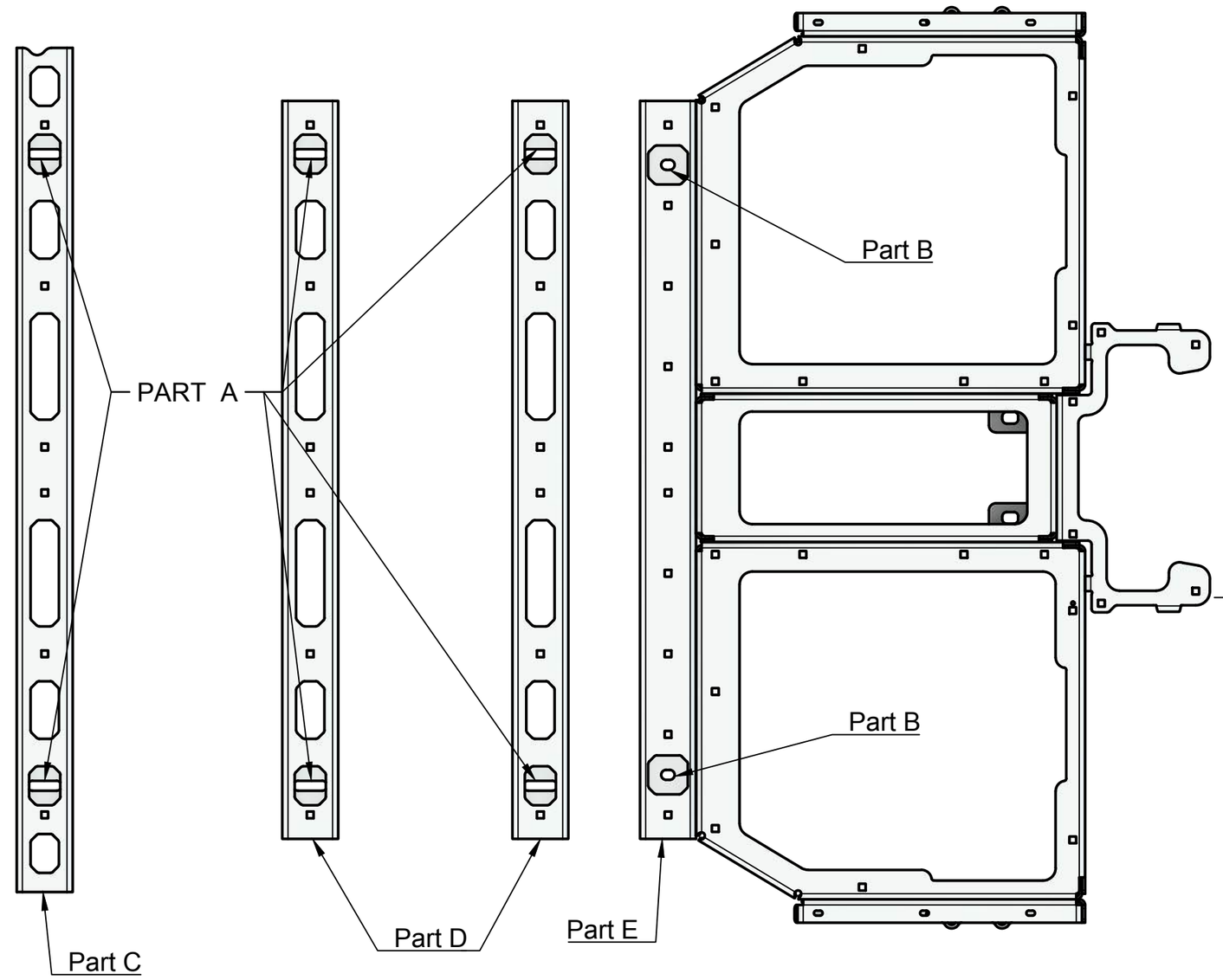
Step 1: Install 6x Tall U-brackets (Part A) using M80 x 20mm DomeHead bolts and Washers. **Do not tighten as bracket will require adjustment.**



Step 2: Install 2x Short U-Brackets (Part B) using M8 x 20mm Dome head bolts and washers. **Do not tighten as bracket will require adjustment.**



Step 3: Install 1x Long Cross Brace (Part C); 3x Short Cross Braces (Parts D & E) using M6 Dome head bolts and bolts to U-Brackets . **Insert cage nuts into square holes on cross braces prior to installation.**



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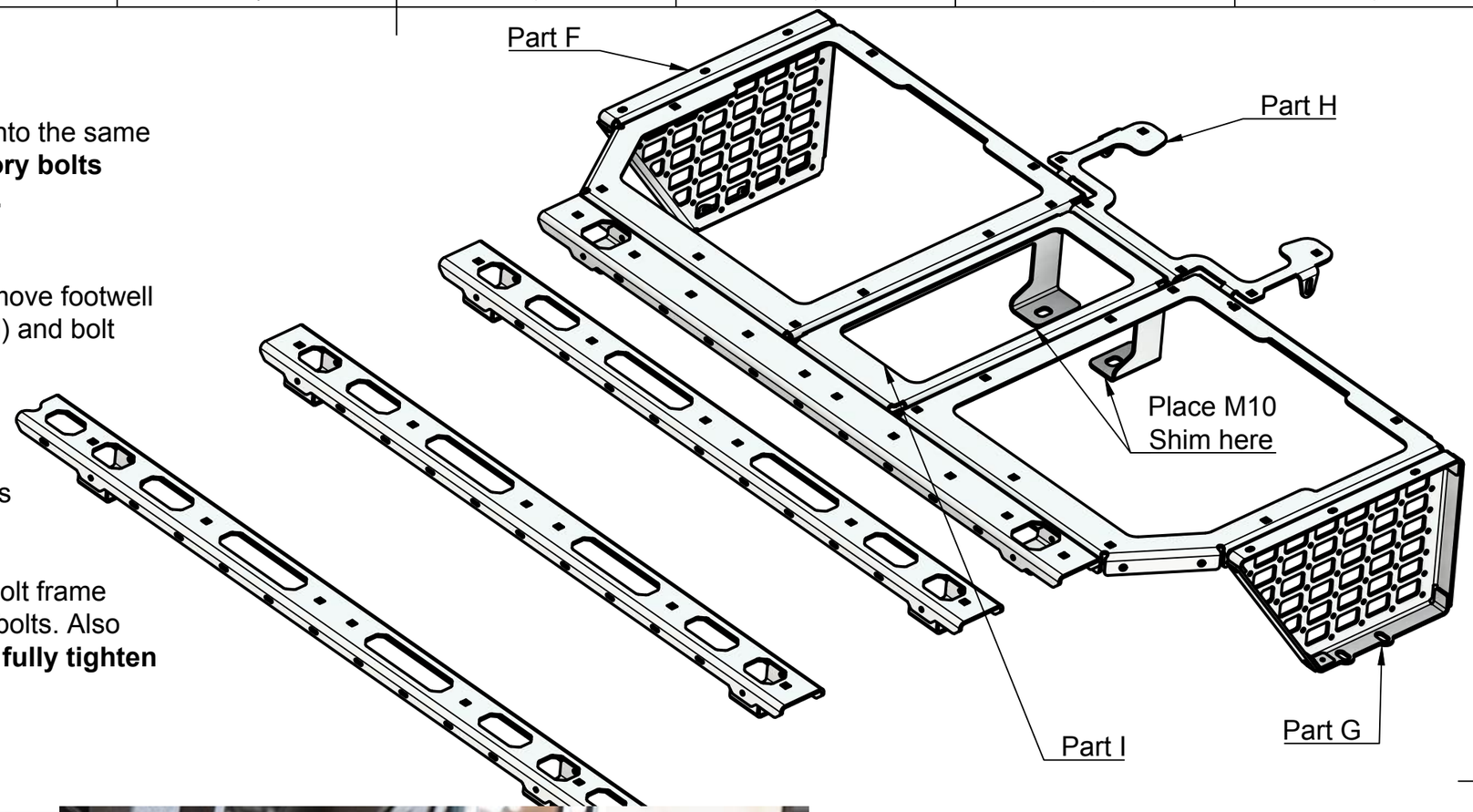
SUB FRAME INSTALLATION - PART 2

Step 1: Install Side Braces (Part F & G). These bolt into the same holes as the rear bench seat frame. **Re use the factory bolts removed from the seat frame. Do not tighten fully.**

Step 2: Insert water tanks into foot wells loosely. Remove footwell insulation pads. Also insert centre top bracket (Part H) and bolt loosely to tanks. Note:

Step 3: Intall centre brace (Part I). Re use Factory bolts removed from seat brace. Also insert 1x M10 large flat shim washer under foor of brace to fill recess in vehicle body.

Step 4: Install Top Frame sections (Part J & K) and bolt frame sections and braces together using M6 Dome Head bolts. Also bolt frame sections to cross Brace and tanks. **Do not fully tighten yet. Adjustments may still need to be made.**



Your installation should now look like this:



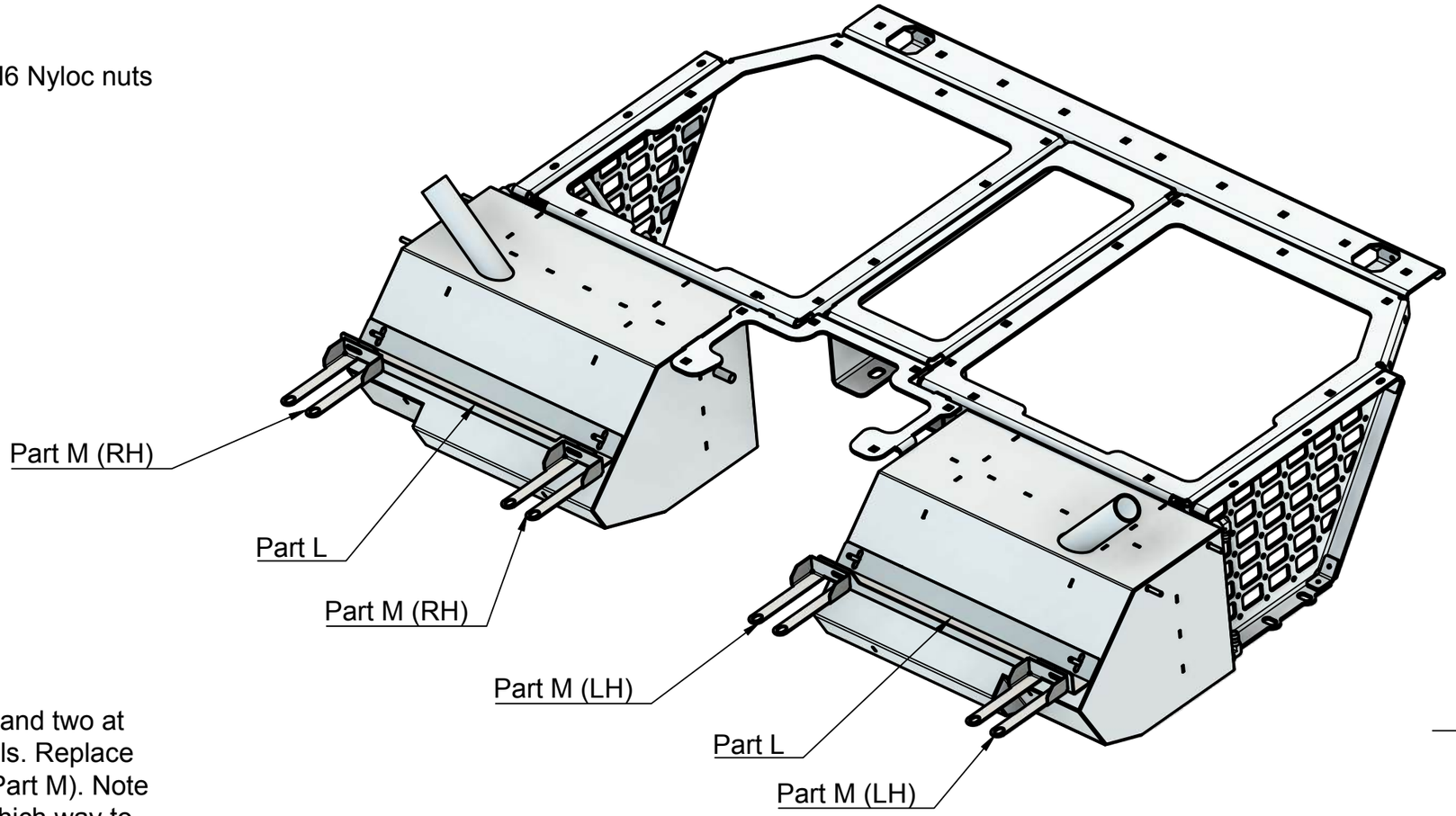


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SUB FRAME INSTALLATION - PART 3

Step 1: Install Angle bracket (Part L) onto tanks using M6 Nyloc nuts provided. **Do not Tighten yet.**





Step 2: Undo bolts on Front Seat Rails (two at the front and two at the rear). Remove the factory stop at the rear of both rails. Replace these with the Stainless steel stops provided in the kit (Part M). Note these are handed. See detail section below shpowing which way to install them.

See images below.



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TOP DECK INSTALLATION - PART 1

Step 1: Install Plate A using M6 Countersunk bolts.

Step 2: Install Plate B using M6 Countersunk Bolts.

Step 3: Remove Plate A, then tighthen M8 Dome head bolts in the U-Brackes (Part A & B).

Step 4: Reinstall Plate A.

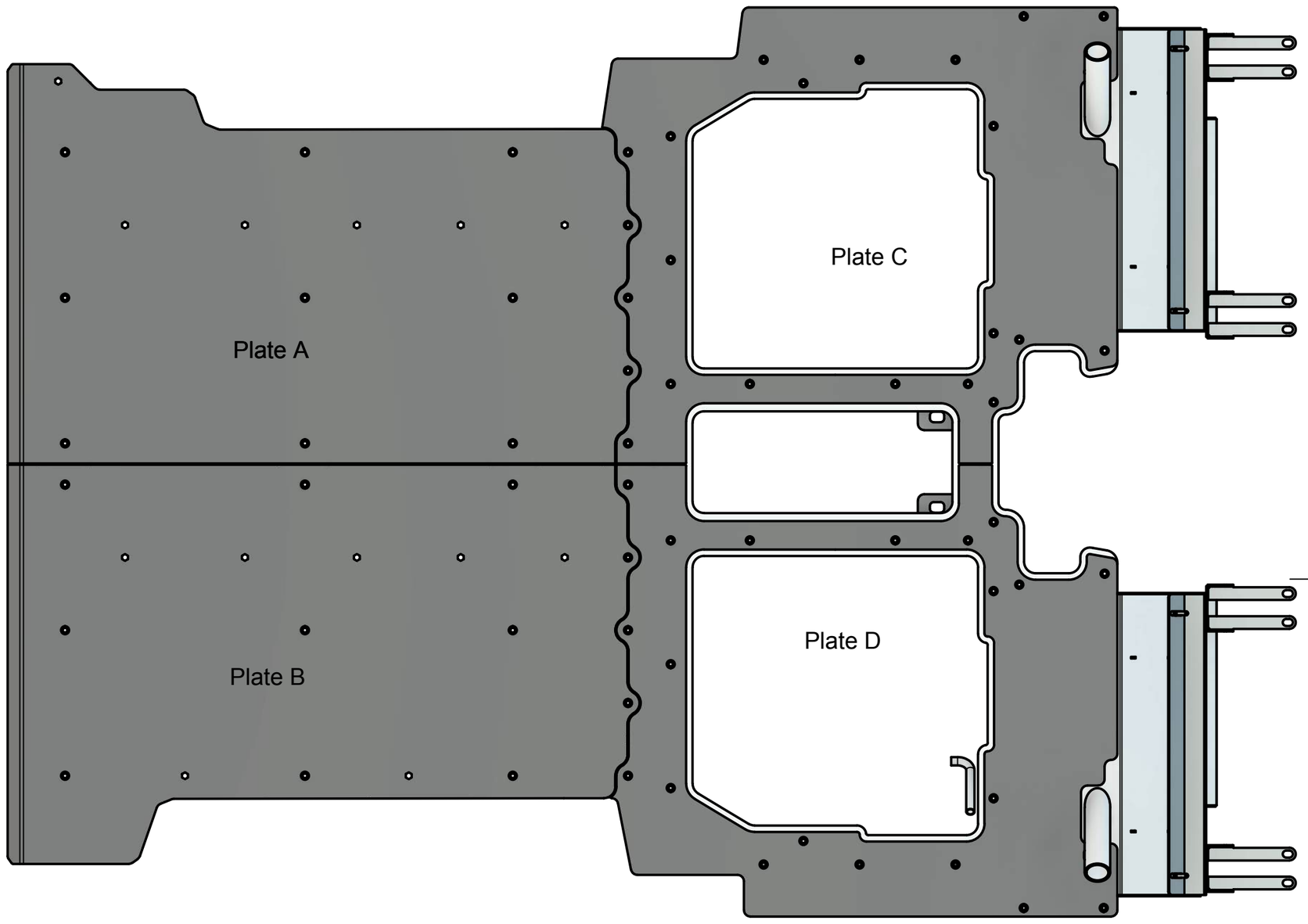
Step 5: Remove plate B, then tighten M8 Dome head bolts in the U-Brackes (Part A & B).

Step 6: Reinstall Plate B.

Step 7: Close large rear door and enure the plates are not fouling on the plastic latch cover. If they are then the floor needs to be moved forward (U Brackets are slotted to facilitate this).

Step 8: Install Plate C using M6 Countersunk Bolts.

Step 9: Install Plate D using M6 Countersunk Bolts.



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TOP DECK INSTALLTION - PART 2

NOTE: Plate C & D Not shown for clarity. You do not remove these plates for this step.

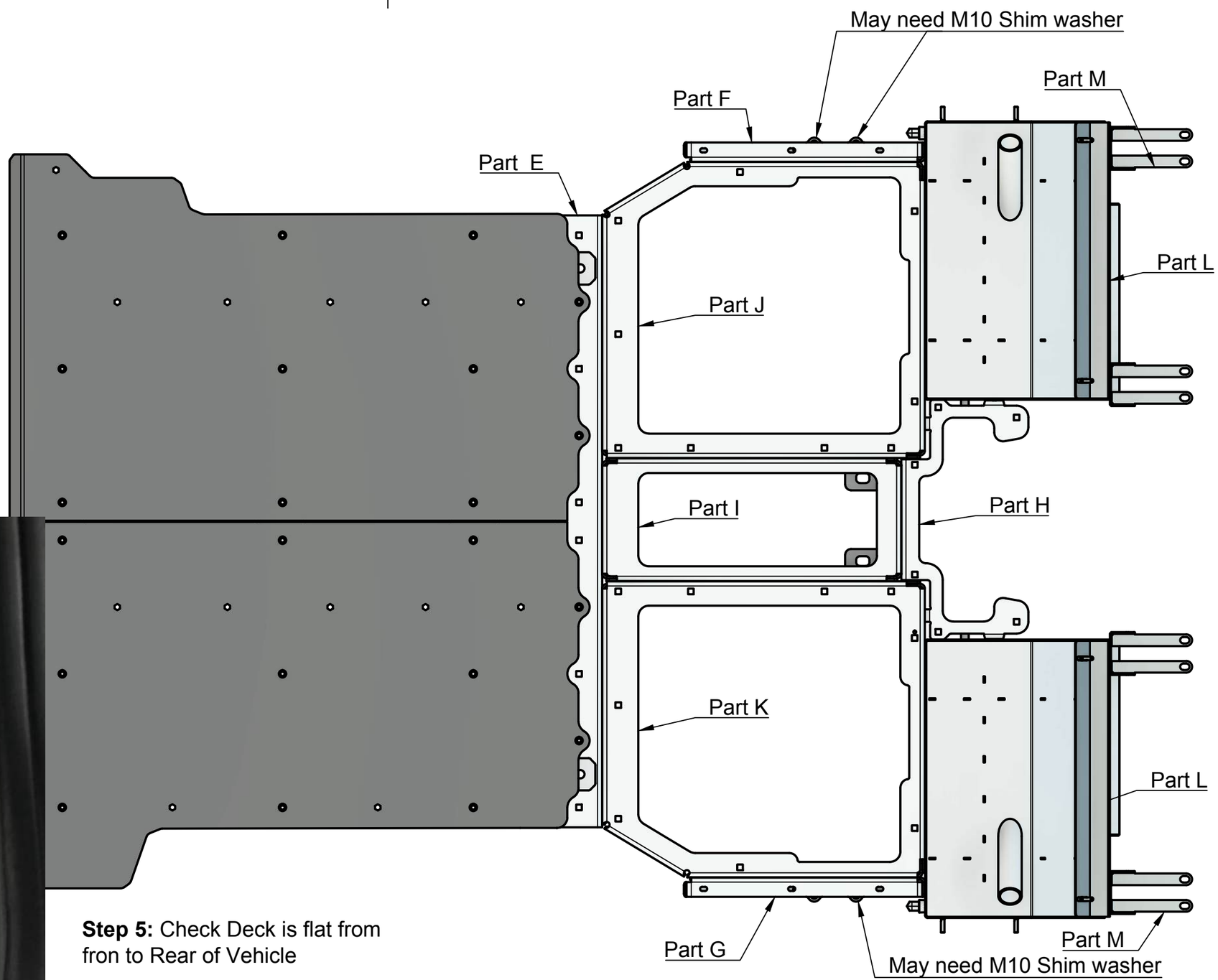
Step 1: Tighten M6 Dome head bolts attached frame Sections (Parts E; F; G; H; I; J & K).

Step 2: Tighten bolts that attach frame sections H; J & K to the tanks.

Step 3: Fit L-Bracket (Part N) to both tanks and floor.

Step: 4: Tighten bolts on Parts L & M





Step 5: Check Deck is flat from fron to Rear of Vehicle

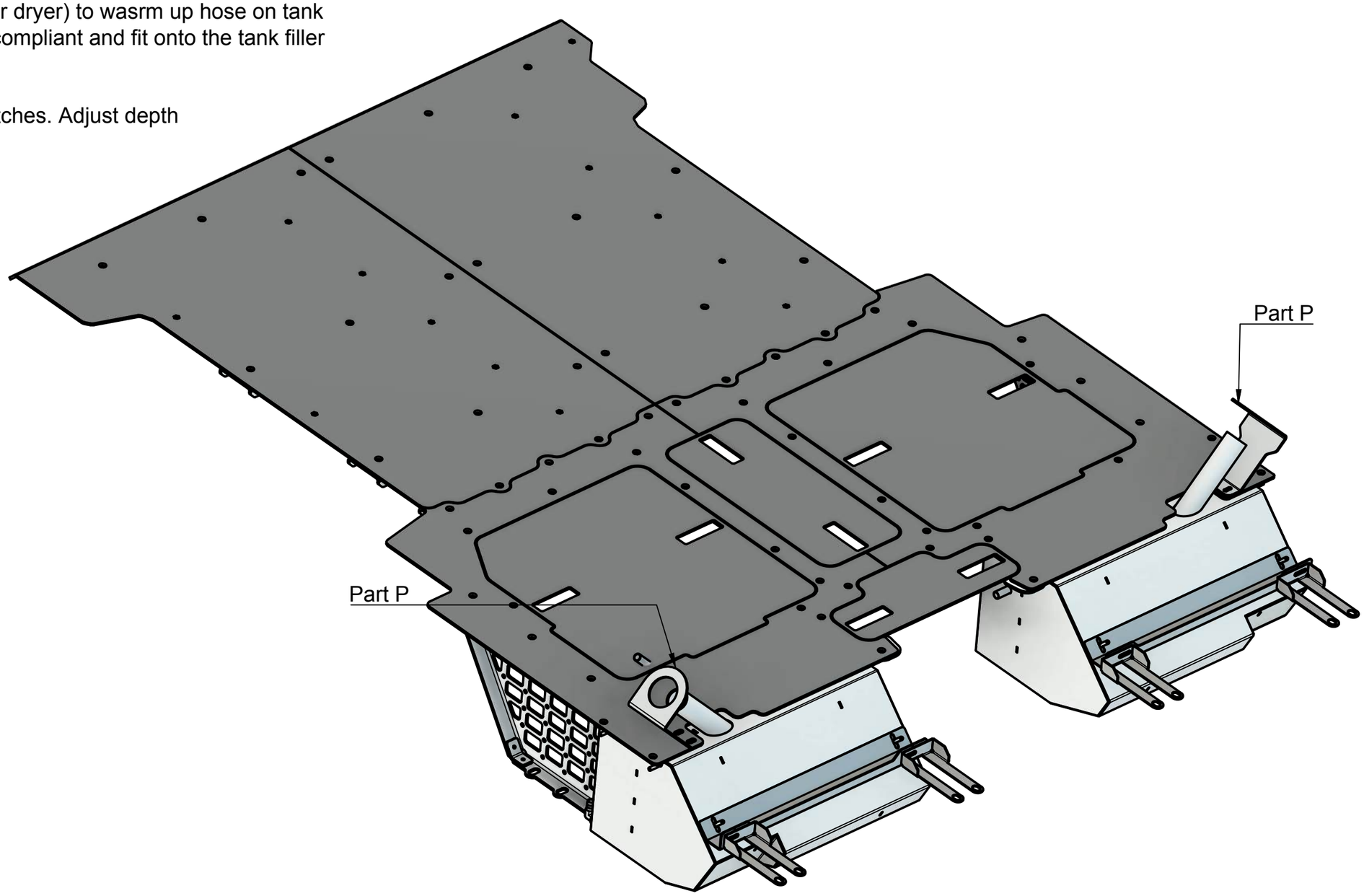
Step 6: Tighten Bolts of Part F; G & I where they attach to floor. IF there is a small gaup under these brackets use M10 Shim washers underneath.

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TOP DECK INSTALLATION - PART 3

Step 1: Fit tank filler caps and brackets (Part P) using M6 hardware provided. using a heat gun (or hair dryer) to wasrm up hose on tank filler caps will help make it more compliant and fit onto the tank filler neck. Tighten hose clamps.

Step 2: Fit Southco Lathes to Hatches. Adjust depth of keep on latch as required.



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Plumbing Layout

Both tanks are sumped and have integrated pickup tubes exiting the side of the tank. These have an outside diameter of 13mm.

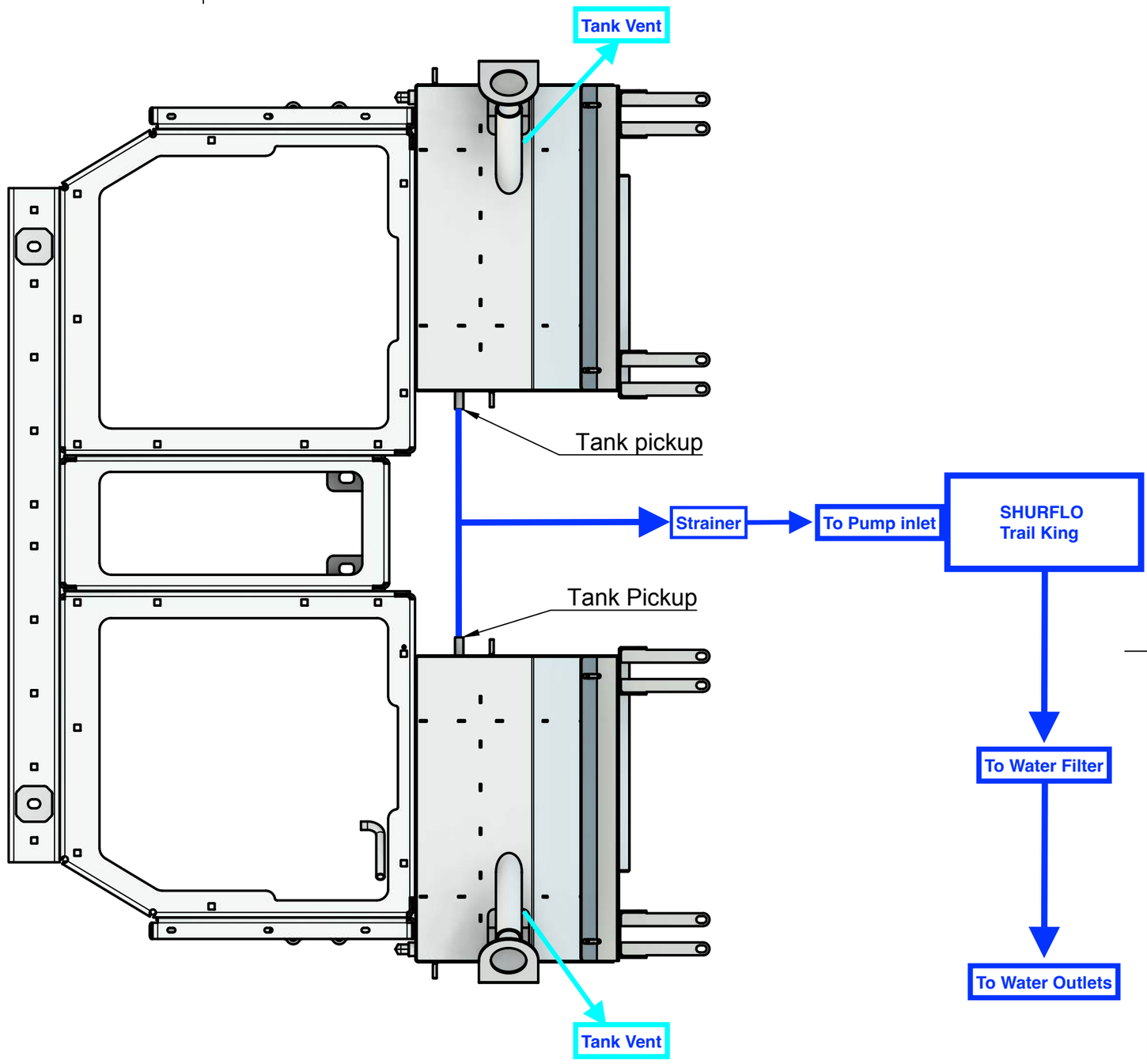
Both tank pickup tubes need to be Tee's together as per the diagram. It is very important the T- Piece used is an equal distance from each tank. This will ensure that water is drawn from both tanks at the same rate.

We recomed using braided PVC Hose with an internal diameter of 13mm along with 13mm barbed hose fittings.

Both tanks also have breather connections, this helps air exit the tank while filling up but also allows air to be drawn into the tank when the water is pumped out. These pickups also have an outside diameter of 13mm. We recomend these are run to a point above the tank. We recommend fitting a $\frac{1}{2}$" Sintered Brass vent at the end of the hose. You will need to order both the vent and adapter to the hose.

Parts Required:

1. 5m x 13mm Internal Diamter Clear PVC Braided Hose
2. 1x 13mm Barbed Stainless Steel T-Piece (to join Tanks)
3. 1x $\frac{1}{2}$" Sintered Brass Vent (with Male Thread)
4. 1x Adapter for Brass vent - $\frac{1}{2}$" Female thread x 13mm Hose barb.
5. 12x Hose clamps (11mm-16mm)
6. 1x Shurflo Trail King 10 Pump
7. 1x Shurflo twist on Strainer (Recomended)
8. Water Filtration is optional. See here for good video: https://youtu.be/geGO_yNmVKM?si=764FE_EMZ2FfxFWW



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