

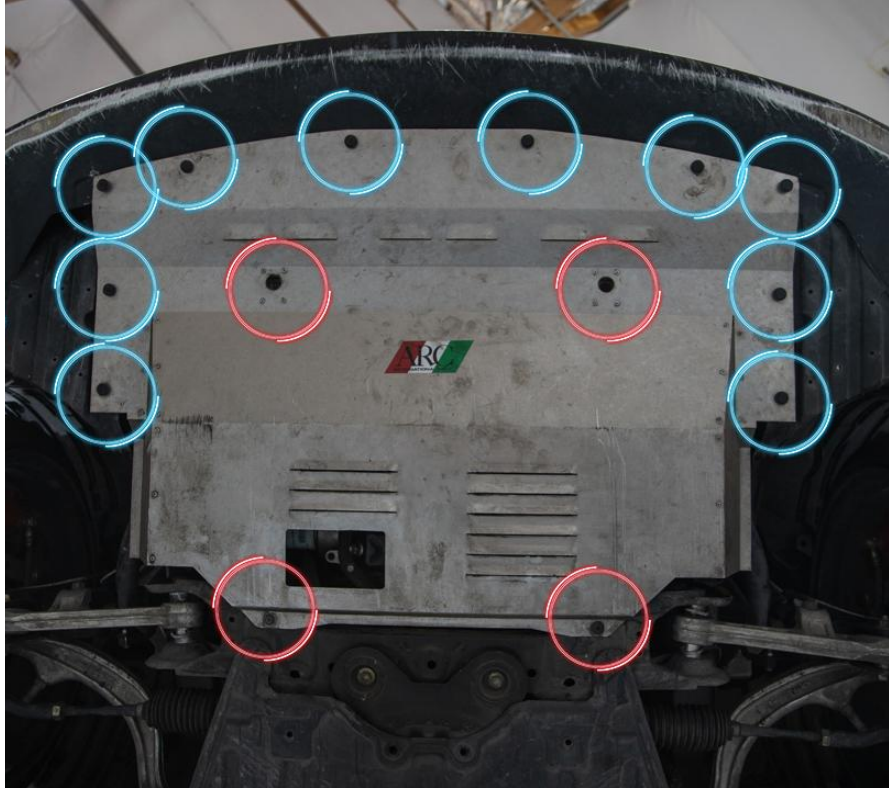
Concept Z Performance VQ35DE Oil Pan Spacer Installation Guide



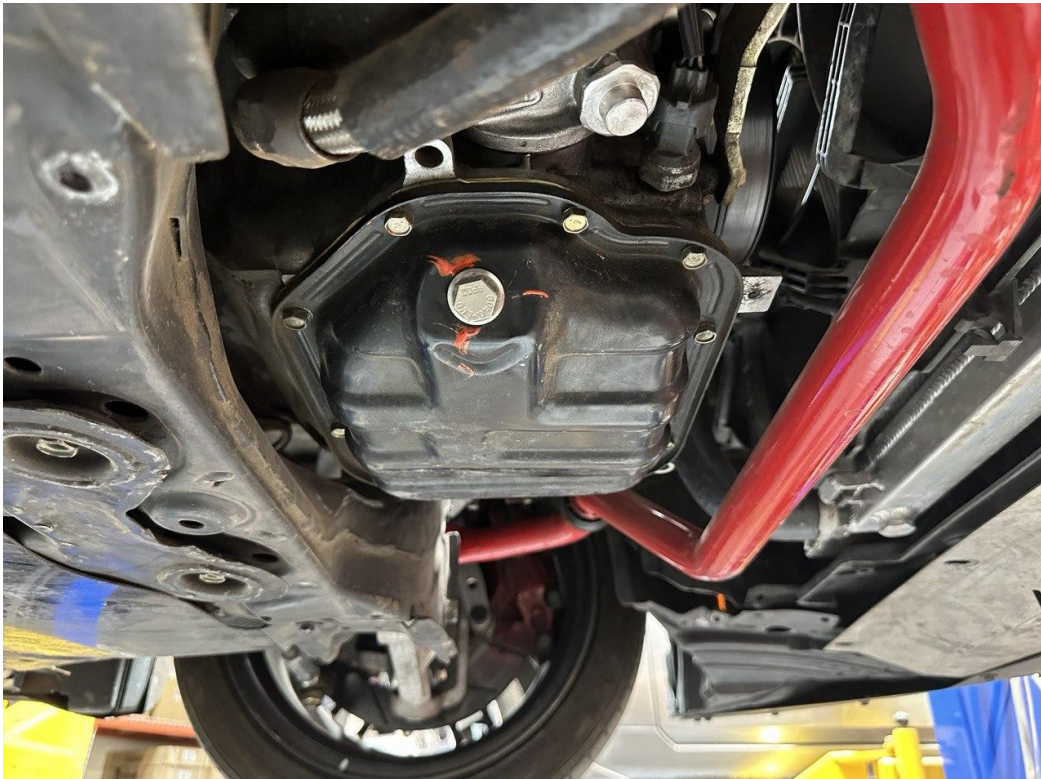
Thank you for your purchase of the CZP oil pan spacer. Please make sure your kit came with all of the necessary components listed below:

- 1x CZP Billet Aluminum Oil Pan Spacer
- 1x CZP Billet Aluminum Oil Pump Pickup Spacer
- 2x O-ring for Oil Pump Pickup Spacer
- 2x -8AN ORB Plug
- 2x O-ring for -8AN Plug
- 1x 1/8 NPT Plug
- 10x M6x1.0x40mm Flanged Zinc Coated Grade 10.9 Bolt
- 2x M8x1.25x45mm Flanged Zinc Coated Grade 10.9 Bolt
- 1x 3.5oz Tube of Permatex Ultra Grey RTV

1. Safely lift and support the car, then remove the 10mm bolts and plastic pop-in clips along the bottom of the bumper cover and fender splash shields that hold the under tray in place.



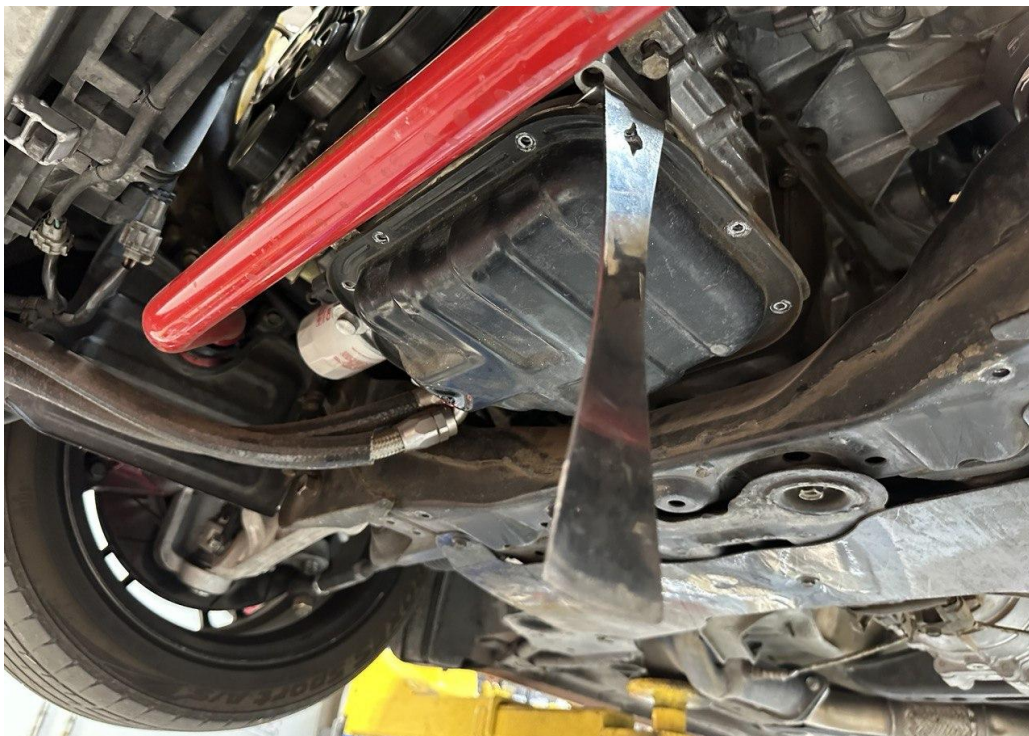
2. Drain the engine oil.



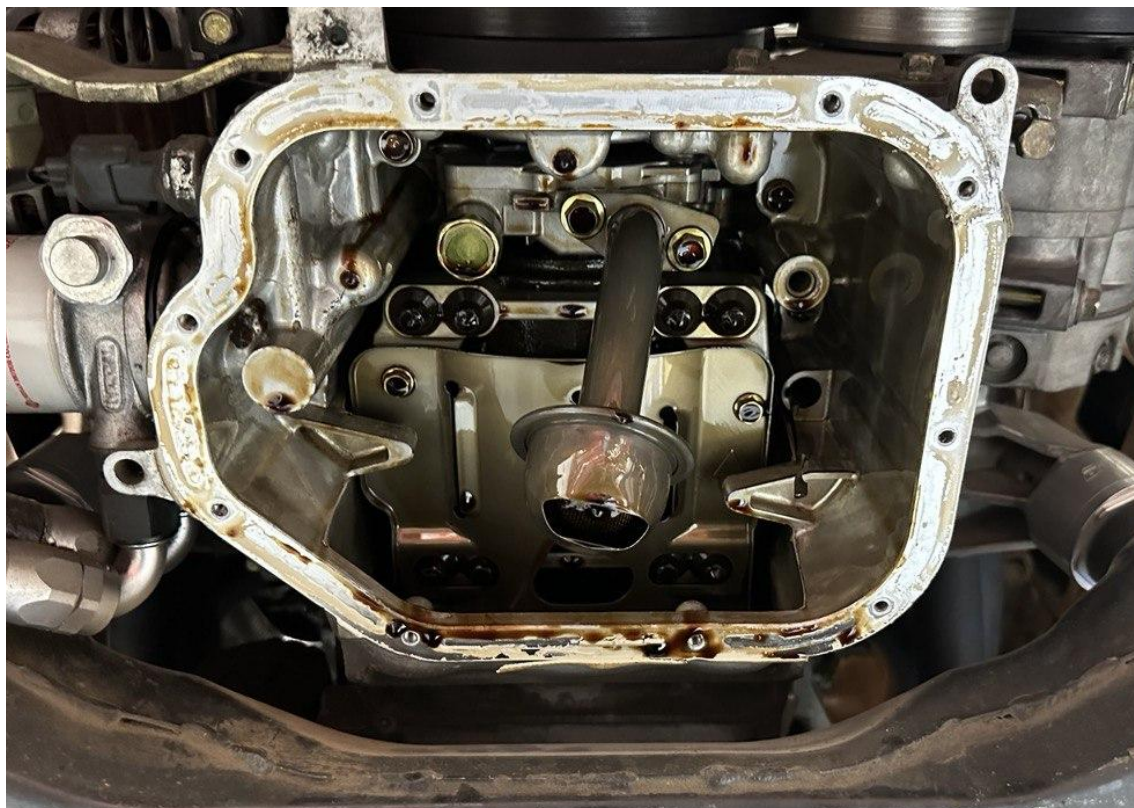
3. Remove the ten 10mm head M6 bolts from the lower oil pan.



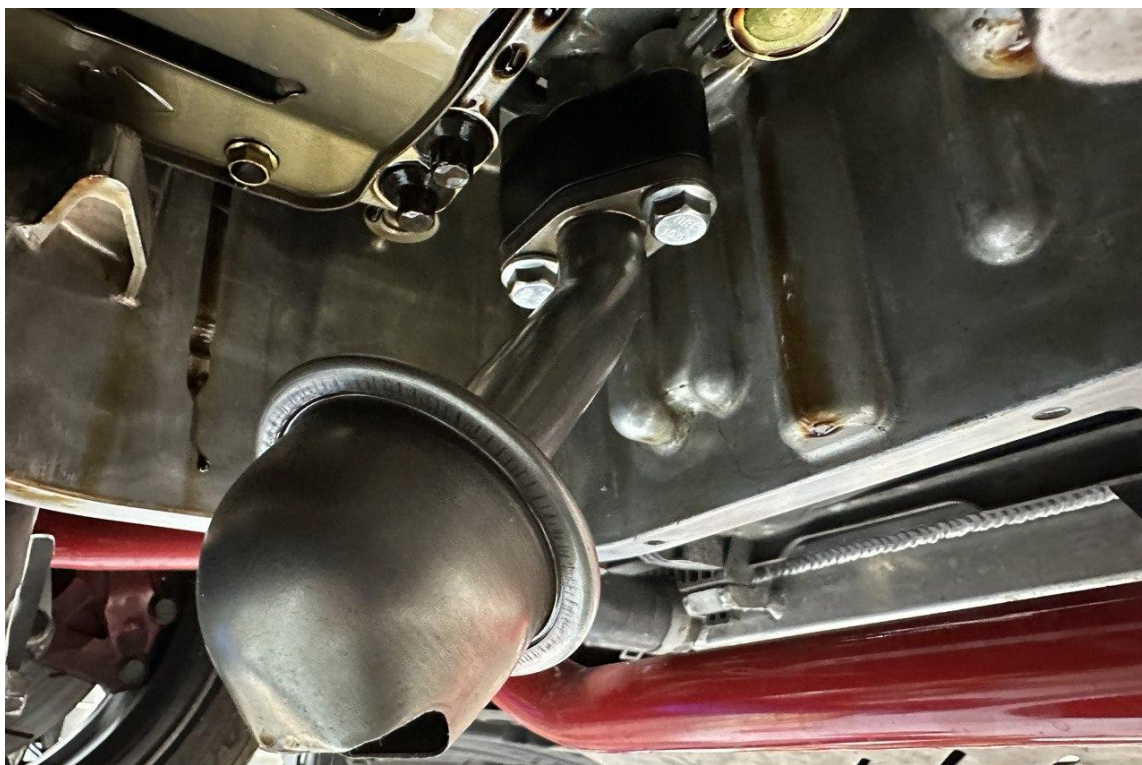
4. Separate the lower oil pan from the upper oil pan. Keep the drain pan underneath, and be prepared for a mess, even though you drained the oil.



5. Remove the two 12mm head M8 bolts holding the oil pickup strainer.



6. If your car has the later style upper oil pan baffle, removal of the baffle or some trimming is required to fit. (See page 9 of the instructions for a cutting guide)
7. Reinstall the strainer with the CZP Spacer using the included M8x1.25x45mm bolts, making sure both o-rings are in place. (**Torque spec for the two M8 bolts is 15-17 lb-ft or 19.6-23.5 N-m**)



8. Clean both the mating surfaces of the upper and lower oil pans of the old RTV sealant using a razor and some Scotchbrite pads or similar.



9. You can now start applying RTV to the mating surface of the OEM lower oil pan.



10. Place two or three of the new longer flanged M6 bolts up through the lower oil pan to help align the spacer that we are lowering onto the pan in the next step.

11. Lower the spacer on top of the lower oil pan, being careful to align it before setting it down onto the fresh RTV.

12. Apply RTV to the mating surface of the CZP oil pan spacer.



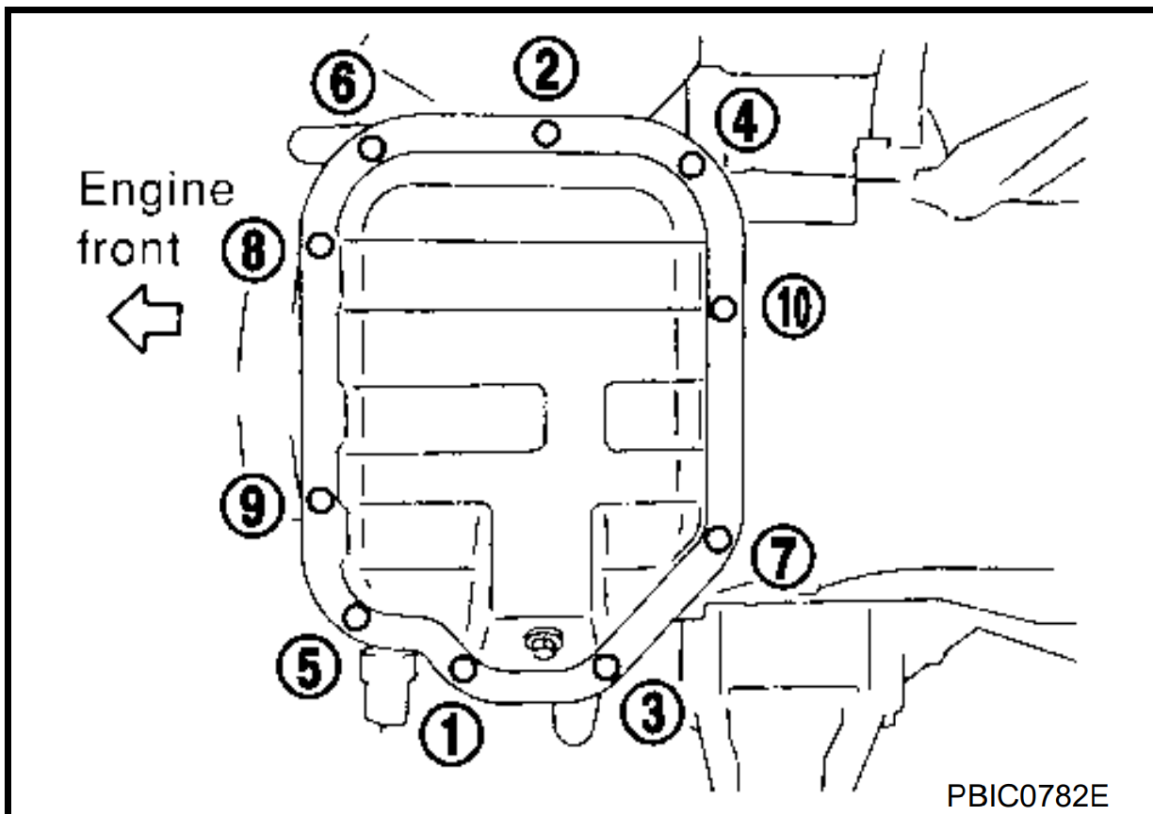
13. Right before installing the lower pan and spacer to the engine, use some brake clean or similar to go over the oil pan mating surface and make sure it is clean of debris and any oil drips. You can see how oil likes to drip from the back edge so make sure to clean it just before you lift the spacer and lower pan into place, or the RTV will not stick and you will have a slow persistent oil leak.



14. Lift the lower pan and spacer sandwich into place and start threading in the two bolts that are aligning the lower pan and spacer. It can help to have a second set of hands at the step to have one person hand thread in all of the bolts while the other holds the spacer and pan in place. Only hand tighten the mounting bolts for now, we will want to wait around 30 to 60 minutes for the RTV to partially set up before we fully torque the mounting bolts.



15. Wait 30 to 60 minutes for the RTV to partially set up (depending on ambient temps) and then tighten the lower oil pan mounting bolts in the following order. (Torque spec for the ten M6 bolts is 74-82 in-lb or 8.3 - 9.3 N-m)

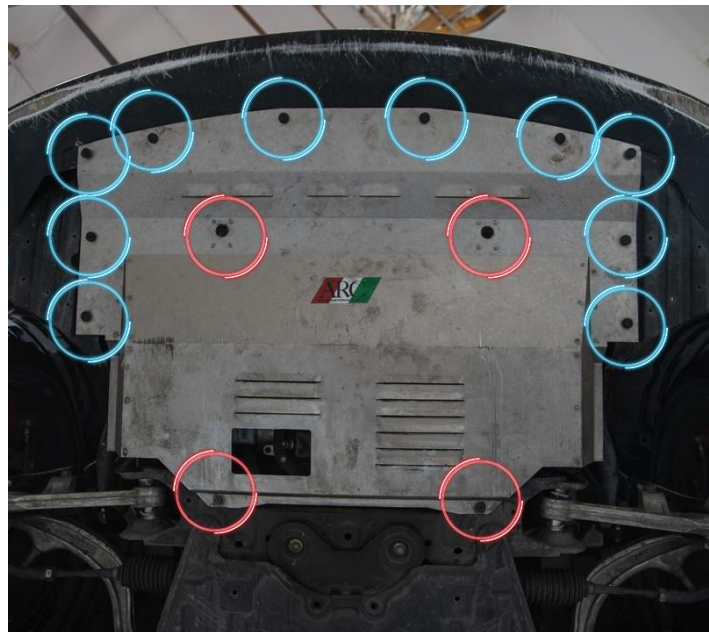


16. Now screw in the two -8AN ORB plugs or oil return fittings to the oil pan spacer (be sure to add a dab of oil to the o-ring), as well as the 1/8 NPT Plug or your oil temperature probe. You can also take a second to install your oil drain plug if you haven't already.



17. Wait an additional 24 hours before refilling the car with oil. **Remember, from now on, your oil capacity will be increased by a full quart, to 6 Quarts with filter change or 5 & 5/8 Quarts without filter.** Your oil dipstick is still accurate but even in the scary case you only have oil on the very tip of the dipstick, your engine should still be safe as the sump capacity has been increased and the pickup moved lower than factory.

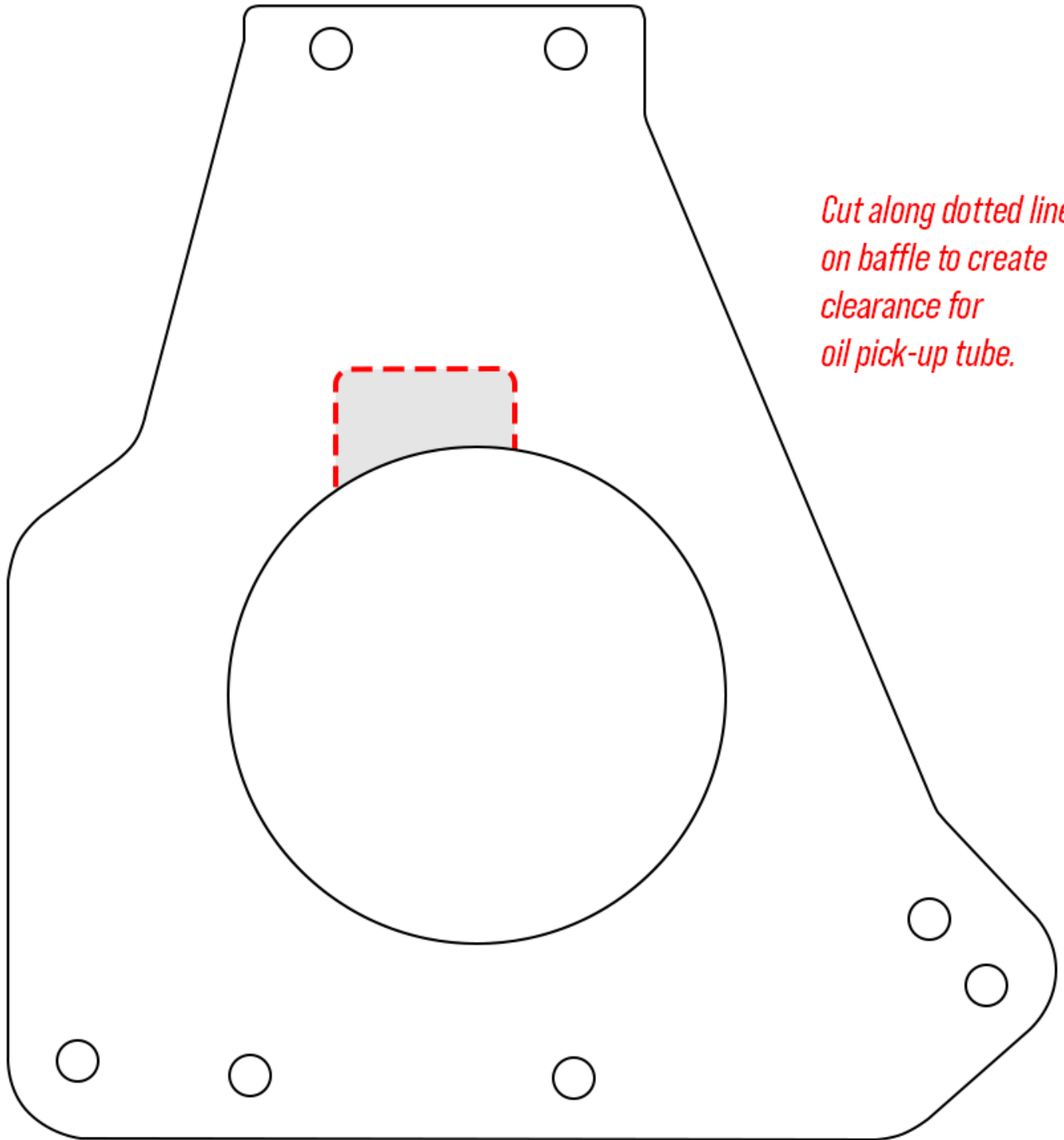
18. Reinstall the splash-shield/under-tray with the 10mm bolts, and plastic pop clips from earlier.



This completes the install of your CZP VQ35DE Oil Pan Spacer! If you have any questions, please reach out to us at info@myczp.com, and we will assist you as best we can.



2005+ VQ35DE Oil Pan Baffle Plate Clearance Template



*Cut along dotted line
on baffle to create
clearance for
oil pick-up tube.*