

AVIAID

Instructions For Installing Aviaid LS7/Z06 Tank Insert



1. Remove the dry sump tank from the vehicle.
2. Place in vertical position on workbench
3. Mark the top and bottom sections of the tank with a Sharpie or some other means so you'll have an index for reassembly. **FIGURE 1**
4. Remove the dip stick
5. Remove the top section of the tank. **FIGURE 2**
6. Remove the transfer tube. **FIGURE 3**
7. Clean the tank and transfer tube thoroughly
8. Hold the insert tube upright. **FIGURE 4**
9. Insert the swaged end of the transfer tube into the slot below the lower baffle of the tank insert. **FIGURE 5**
10. Push the transfer tube all the way in until the end goes through the top section. **FIGURE 6**

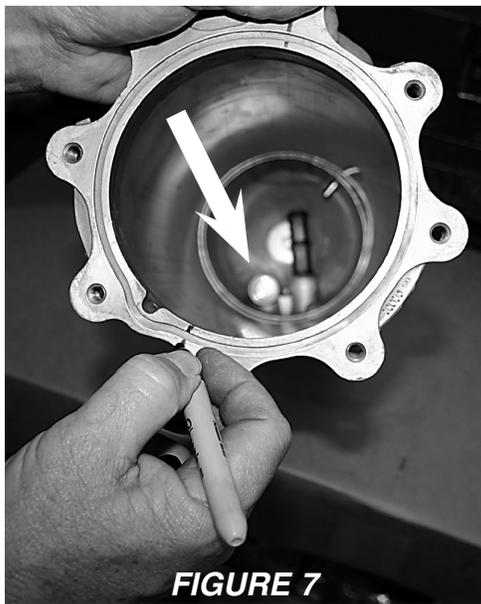


FIGURE 7



FIGURE 8



FIGURE 9

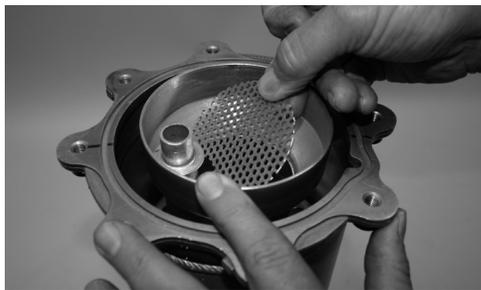


FIGURE 10



FIGURE 11



FIGURE 12

11. Mark the relative position of the transfer tube port (at bottom of tank) on the flange. Note position of the screened intake. **FIGURE 7**
12. Hold the transfer tube from the top to stabilize. **FIGURE 8**
13. Align the lower part of the tube with the reference mark you made on the flange and insert unit into tank **FIGURE 9**
14. Make sure the transfer tube is inserted into the port. When the tube is correctly positioned the top of the tube will be flush with the top of the tank insert. It will be approximately 1/2" above the flange.
15. Place the stamped steel screen and breather foam

- into the top of the tank insert, making sure they fit around the transfer tube. **FIGURE 10**
16. Verify that the tank gasket is in good shape and can be reused
17. Replace the top section of the tank, making sure the transfer tube registers inside of the port and the insert fits around the cap's circular central core casting. Use the marks you made on the top and bottom sections for reference. **FIGURE 11**
18. Install bolts in flange and tighten securely. **FIGURE 12**



10041 Canoga Ave., Chatsworth, CA 91311
(fax: 818-998-8993) • e-mail: aviaid@aol.com
818-998-8991 • www.aviaid.com