



BAVARIAN AUTOSPORT

# Cold Air Intake Kit Installation Instructions

**NOTE:** Filter cleaning and re-oiling: When cleaning your AFE filter, be sure to use only AFE'S "Restore Kit" (P/N: 90-50001).

## 5 Series

97 thru 03  
6 cylinder

### PART NUMBERS:

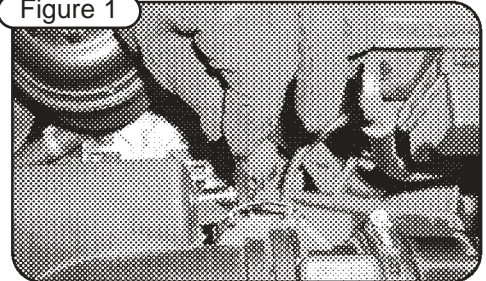
54-10601

54-10671

### PROCEDURE:

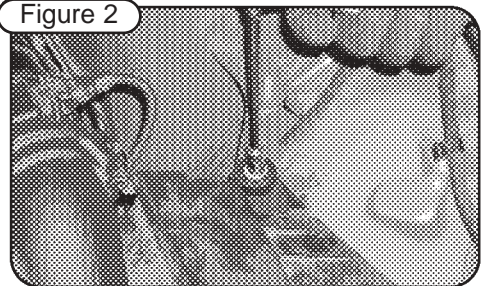
1. Unclip two clamps securing the MAF (Mass Air Flow sensor) to the air filter box, using a flathead screwdriver (see Figure 1).

Figure 1



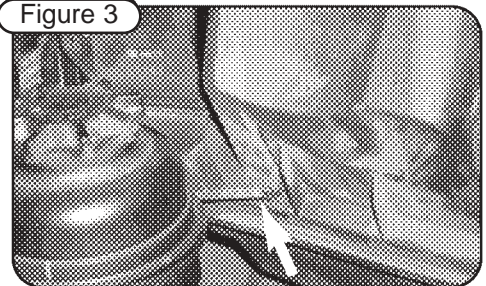
2. Remove 10mm bolt securing the filter box to the side fender (see Figure 2).

Figure 2



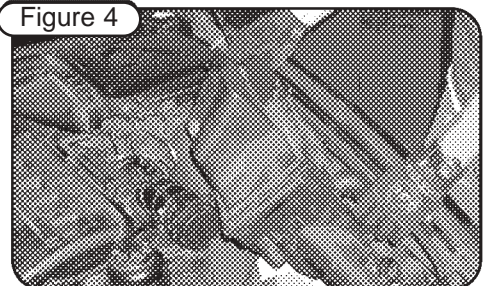
3. Detach resonator box from stock filter box assembly using 8mm socket (see Figure 3).

Figure 3



4. Remove the filter box from vehicle (see Figure 4).

Figure 4

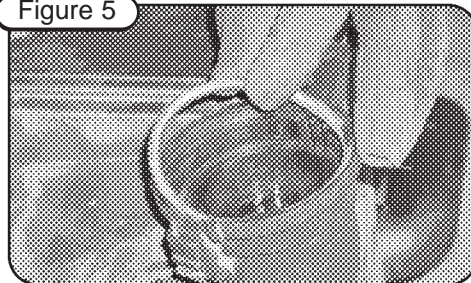


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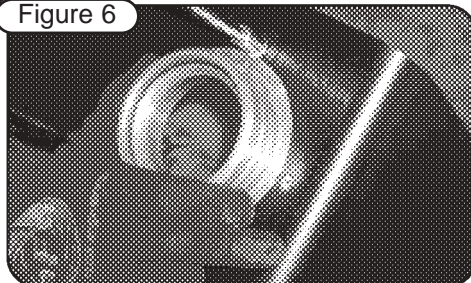
5. Carefully remove o-ring from stock filter box (see Figure 5).

Figure 5



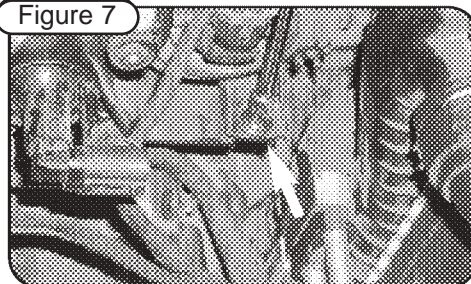
6. Install the billet aluminum adapter to the housing using M6 button head bolts supplied. Install factory o-ring into billet aluminum adapter (see Figure 6).

Figure 6



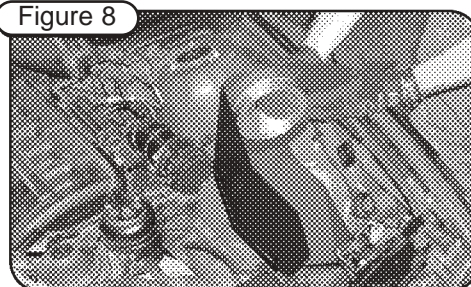
7. Remove 8mm headlamp support bracket screw (see Figure 7).

Figure 7



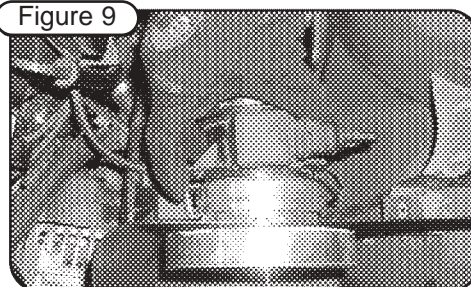
8. Install housing into vehicle, making sure to guide the MAF into the billet adapter (see Figure 8). NOTE: Lubricate the o-ring with a light coat of petroleum jelly or engine oil.

Figure 8



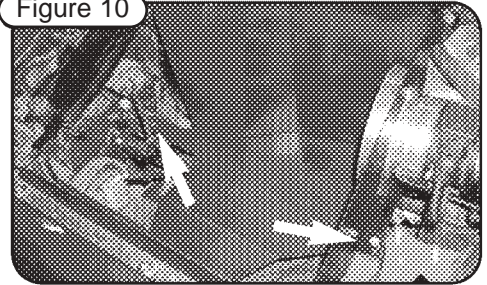
9. Attach spring clips that are supplied with the kit to the MAF and clip onto billet adapter (see Figure 9).

Figure 9



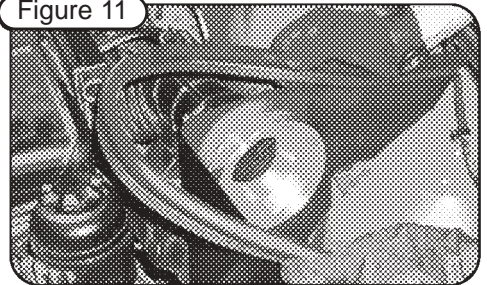
10. Reinstall 8mm headlamp support bracket screw and use M6 hex head bolt and wavy washer to bolt down backside of housing (see Figure 10).

Figure 10



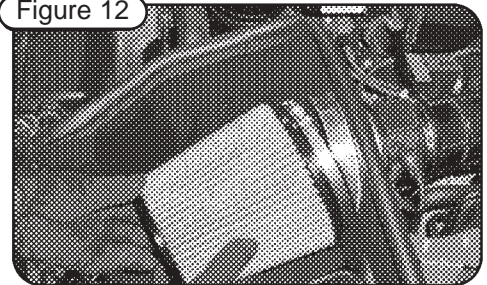
11. Install trim seal (see Figure 11).

Figure 11



12. Using a  $\frac{5}{16}$ " nut driver or flat blade screwdriver install the pre-oiled AFE filter (see Figure 12).

Figure 12



13. Make sure all hoses and clamps are tight and that all electrical components (if applicable) are secure. Check and retighten connections and filter after a few hours of operation (see Figure 13).

Figure 13

