

# INSTALLATION GUIDE

## EVO X BILLET CATCH CAN



### TOOLS REQUIRED:

- Vice Grips
- 23mm Socket
- 10mm Socket
- 8mm Socket
- Ratchet
- 10 AN Wrench
- 6mm Allen
- Pliers
- Body panel clip remover
- Dead blow hammer
- Small piece of wood to hammer on

### WHAT'S IN THE BOX:

- MAP Billet Catch Can assembled
- Long -10AN Line
- Short -10AN Line
- Rubber coolant line
- AN line clamp
- Valve Cover Press in fitting
- Valve cover screw in fitting
- Slip on filter
- (2X) 12mm vacuum caps
- 10 mm vacuum cap
- 12mm spring clamp
- Oil Drain Kit (Optional)

### 1. A-B - REMOVE ENGINE COVER AND COOLING PLATE



### 2. REMOVE UPPER INTERCOOLER PIPE



**3. REMOVE INTAKE MANIFOLD TO VALVE COVER PCV HOSE**



**4. REMOVE INTAKE TO VALVE COVER PCV HOSE**



**5. REMOVE VALVE COVER BARB, USE A VICE GRIP OR CHANNEL LOCKS TO SLOWLY WIGGLE AND PULL THE FITTING OUT OF THE VALVE COVER, USE HEAT IF NEEDED**



**6. REMOVE VALVE COVER FITTING BY UNTHREADING IT WITH A 23MM SOCKET**



**7. INSTALL INCLUDED -10AN FITTING INTO VALVE COVER BY THREADING IT IN WITH A 23MM SOCKET, MAKE SURE TO TIGHTEN ALL THE WAY DOWN SEATING O-RING.**



**8A-B. PRESS IN INCLUDED -10AN FITTING INTO THE VALVE COVER BY LIGHTLY HAMMERING IT WITH RUBBER HAMMER, PLACE A SMALL PIECE OF WOOD OVER THE FITTING TO PROTECT IT IF NEED BE.**



**9. REMOVE FACTORY COOLANT OVERFLOW**



**10A-B. REMOVE OVERFLOW BRACKET**



**11. INSTALL MAP CATCH CAN INTO PLACE, SECURING WITH THE FACTORY BOLT HOLE USED FOR THE FACTORY OVERFLOW. THE KIT INCLUDES A NYLOC NUT THAT SECURES UNDERNEATH TO PREVENT THE BOLT FROM COMING LOOSE DURING HEAVILY SPIRITED DRIVING OR LARGE AMOUNTS OF VIBRATIONS.**



**12A-B. ROUTE AND ATTACH AN LINES AS PICTURED, BE SURE TO CAP THE OPEN VACUUM PORT ON INTAKE MANIFOLD AND INTAKE WITH INCLUDED CAPS. INSTALL LINE CLAMP AS SHOWN**



**13A-B. RUN RUBBER COOLANT OVERFLOW LINE TO RADIATOR**



**14A-B. REMOVE CAP FOR THE OVERFLOW AND THE OVERFLOW LEVEL INDICATOR, FILL UNTIL BOBBER REACHES HALF FULL, REINSTALL CAP**



**15. START AND CHECK FOR LEAKS, AND VALIDATE COOLANT LEVEL IS FULL AFTER RUNNING UP TO TEMP.**



## 16A-B. REINSTALL UPPER INTERCOOLER PIPE, ENGINE COVER, AND COOLING PLATE



**THANK YOU FOR CHOOSING MAPERFORMANCE!**

If you have any problems or concerns during installation of this product, feel free to call or email us:

1-888-MAPERFORMANCE

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