



FR-S / BRZ / GT86 Catch Can

Install time: 30 to 45 minutes

Tools:

- Socket driver
- Flat head screwdriver
- 10mm deep well socket
- 7/16" deep well socket
- 10mm open end wrench
- 13mm open end wrench
- Pliers

Instructions:

1. Catch can will be installed in front of battery, facing engine. Start by preparing the mounting bracket. Begin by locating grommet. (Fig 1)
2. Remove black grommet from cabin wall. Picture shows grommet removed. Tip: Use flat head screwdriver to gently pry grommet out. (Fig 2)
3. Insert cabin wall stud, rotate tab so it is vertical. Then slide one side up until tab is completely in grommet opening. Finally rotate tab 90 degrees so it is horizontal. (Fig 3-4)
4. Locate and remove 10mm nut. Gently pull plastic mounting tab away from stud. (Fig 5)
5. Slide mounting bracket behind metal line and plastic wire mounting tab. Install nuts and finger tighten. **Dual catch can installation continue to step 8.** (Fig 6)
6. Install catch can using M8x1.25 bolts with supplied washers. Finger tighten. Align catch can so it is vertical, and not tilted. Then tighten mounting bracket and finally tighten catch can bolts using 13mm open end wrench. (Fig 7)
7. Remove OEM intake manifold cover, then remove PCV hose. Install 3/8" ID line to PCV fitting and inlet side of catch can. Install 1/2" ID line to back of intake manifold to outlet side of catch can. Place OEM intake manifold cover back on manifold, installation complete. (Fig 8)
8. Position 10mm nut behind open mounting hole below battery. Tip: Use 10mm open end wrench to hold nut securely. (Fig 9-11)
9. Using supplied spacer and 10mm bolt, thread into nut but leave 1/4" gap. (Fig 12)
10. Install second mounting bracket onto 10mm bolt, finger tighten. Tip: Loosen battery brace, and move battery away from mounting brackets. (Fig 13)
11. Install catch cans using M8x1.25 bolts and washers. Install catch can closest to cabin wall first. Finger tighten bolts, install second catch can and finger tighten bolts. Finally adjust mounting brackets and catch cans so they are vertical and provide needed clearance for hose routing. Then tighten mounting brackets and catch cans using 13mm open end wrench. (Fig 14)
12. Remove OEM intake manifold cover, then remove PCV hose. Install 3/8" ID line to PCV fitting and inlet side of catch can. Install 1/2" ID line to back of intake manifold to outlet side of catch can. Place OEM intake manifold cover back on manifold. (Fig 15)
13. Remove OEM crank case line from air intake. Using supplied hose barb connect 1/2" ID line to crank case hose and inlet side of catch can. Install 1/2" ID line to outlet side of catch can and route to air intake 90 degree fitting. Move battery back into position, tighten brace. Installation complete. (Fig 16)

Questions, comments, or concerns? Email tech@racerxfabrication.com.





