



Install Instructions:

E34 Fire Extinguisher Bracket, Rivet Nut on Comfort Seat





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From all of us at Angry Ass thank you for purchasing an Angry Ass E34 fire extinguisher bracket!

Please read this entire installation manual prior to attempting to install or use the Angry Ass E34 fire extinguisher bracket to ensure proper installation and safe use.

The Angry Ass E34 fire extinguisher bracket should only be installed by persons skilled in vehicle component installation and performance. Angry Ass Limited shall not be held liable for any damage or personal injury (including direct, indirect, or consequential damage) sustained as a result of improper installation of the Angry Ass E34 fire extinguisher bracket or its use and maintenance contrary to the instructions and warnings contained herein.

If you have any questions regarding the installation and/or proper use of the Angry Ass E34 fire extinguisher bracket or this manual, please contact Angry Ass at our official website at: www.Angry-Ass.com.

All statements made are made in respect to the Angry Ass E34 fire extinguisher bracket being used "as is". Any modifications of the Angry Ass E34 fire extinguisher bracket or its improper installation, use or maintenance that is not in accordance with this installation manual, may result in severe damage to the seat/interior and/or the entire vehicle, as well as personal injury. The Angry Ass Angry Ass E34 fire extinguisher bracket and consumption of refreshing beverages (alcoholic or otherwise) may only be used in accordance with relevant laws and regulations, including state and federal, where applicable. Angry Ass Limited reminds you to be responsible and stay safe!!

Thanks again for choosing Angry Ass!



PARTS LIST

The following parts are contained in your kit:

1. Loctite 242 capsule
2. Angry Ass E34 fire extinguisher bracket
3. 4X M6 stainless steel flange nuts
4. 4X M6x12 stainless steel flanged button head bolts
5. 2X M6x20 ARP stainless steel bolts
6. 2X M6 ARP stainless steel washers
7. 3X AESM6-2.0 stainless steel rivet nuts

TOOLS & SHOP SUPPLIES

You will need to provide the following:

1. Drill
2. 8.5mm drill bit (provided with rivet tool rental)
3. Huck HK-150C rivet nut tool (provided with rivet tool rental; or, equivalent tool able to set AESM6-2.0 stainless rivet nuts)
4. 4mm Allen wrench
5. 8mm socket
6. 10mm socket
7. Torque wrench capable of being set to 10.0Nm
8. Razor blade
9. Pick
10. Needle nose pliers
11. Safety glasses
12. Shop rag
13. Refreshing beverage



RIVET NUT TOOL FAMILIARIZATION

1. After receiving the tool, you will notice it has a 'practice' rivet nut threaded on it, for you to familiarize yourself with the action. See Figure 1.



Figure 1

2. To release the tool, make sure it is fully relaxed by depressing the button on the bottom of the unit, with the handles folded. See Figure 2.



Figure 2



3. With the tool fully relaxed, check to ensure the pull up stud is tight. The stud is reverse threaded into the tool, and should be checked between each rivet install. Figure 3.



Figure 3



4. Next, with the tool fully relaxed and the pull up stud checked to ensure it's tight, thread a rivet nut onto the tool until it is tight against the mandrel. Figure 4.



Figure 4

5. With the rivet nut set against the mandrel, begin squeezing the handles together to deform the rivet nut, until you're unable to squeeze anymore. Figure 5.



Figure 5



6. With the rivet nut compressed, relax the tool by depressing the button on the bottom and collapse the handles (as outlined in Step 2). Then unthread the rivet nut from the pull up stud, and you should have something similar to Figure 6.



Figure 6

With this familiarization you should be ready to use the rivet nut tool. Always be sure that the pull up stud as outlined in Step 3 is tight, and again, if you have any questions or concerns, get in contact with us at our official website at: www.AngryAssSolutions.com.



1. To begin the install, make sure the area of operation is clear of all electrical wires by carefully running your hand on the back side of the seat mounting area, Figure 7.
2. Locate the two seat covering retention teeth on the bottom edge of the center of the seat cushion and using a pair of needle nose pliers carefully bend them perpendicular to the seat material to allow the material to be released.



Figure 7

3. With the retention teeth bent to allow the material to be separated from the seat frame, carefully pull down and away from the teeth to free the covering material. With the material free you should see the two rectangular recesses for the stock BMW extinguisher bracket mounting tabs, directly above these are the two holes for bracket retention.



Figure 8

4. Place your shop rag underneath the thigh bolster on the vehicle floor to catch metal shavings from Step 5.



5. Chuck the drill with the included 8.5mm drill bit and proceed to carefully enlarge the holes circled in Figure 9 (Sport seat shown).

CAUTION!

On electric comfort seats, the motor and drive assemblies are mounted directly behind these holes. It is possible to pull the drill bit into the assemblies (causing damage) if the drill is not fully controlled. Proper technique is to apply NO forward pressure on the drill; let the bit do the cutting. If you have concerns about your ability to enlarge the holes without causing damage, we suggest that you place a thin piece of scrap metal of sufficient thickness to protect the motors from inadvertent drilling.



Figure 9



6. With the holes enlarged, proceed to setup the rivet nut tool with a rivet nut, ensuring that the tool is in the relaxed position, and that the pull up stud is tight. Thread the nut until it bottoms out on the mandrel. Insert rivet nut on tool into the newly enlarged holes, ensuring that the rivet nut flange is firmly against the seat while holding the leather and padding clear. Actuate the tool handles until the nut is secure: there should be no play in the nut. Repeat for the other hole. Figure 10.



Figure 10



7. With the rivet nuts installed you next need to add two small holes to allow the bolts to pass through the leather and padding and into the rivet nuts. It helps to use your finger to locate the ridged area of the rivet nut and using a pick add a hole that penetrates the leather and padding into the center of the rivet nut. Figure 11.



Figure 11



8. It's helpful to use the extinguisher bracket as shown in Figure 12 to locate the second hole.

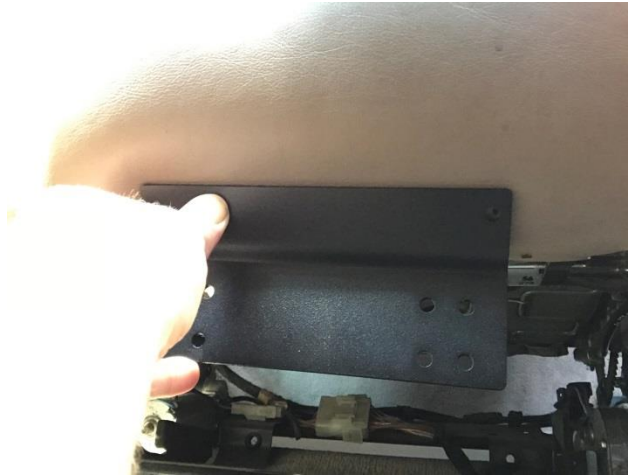


Figure 12

9. Using a razor blade make an "X" on the holes you made through both leather and padding allowing clearance for your mounting bolts.



10. With your seat ready to accept your bracket, it's time to assemble the extinguisher mount to your extinguisher bracket. Using the 4x M6x12mm flanged button head bolts, position the extinguisher mount on your bracket on the set of four holes of your preference. With your mount positioned in your desired location, apply a drop of Loctite 242 to the middle of the exposed threads on all four bolts, and hand tighten the 4x M6 flange nuts. Hold a 4mm Allen wrench on the bolt head, and use the torque wrench to tighten the nut to 10.0Nm. Figure 13.



Figure 13



11. Take the remaining 2x ARP stainless steel bolts and washers, place the bolts through your bracket assembly AND the leather and padding and apply a small drop of Loctite 242 to the lower threads. Hand tighten the ARP bolts through your assembled bracket to the rivet nuts. With the bracket hand-tight, tighten the bolts with the 8mm socket and torque wrench, set to 10.0Nm .Figure 14.



Figure 14, shown on sport seat



12. On the comfort seat the covering will be compressed by the bracket assembly, this is normal. Figure 15.



Figure 15, comfort seat sans extinguisher mount to show seat covering



13. With your bracket attached next hook covering material over retention teeth through preexisting holes. Bend teeth parallel to material.
14. Finally, grab a refreshing beverage and enjoy; we hope you'll never need this modification!





TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Rivet nut spinning when trying to install bolt	Poorly compressed rivet nut	Try compressing further with tool. If unable to compress you will need to contact us and we will walk you through the solution.



NOTES