



## Tech Tips:

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### AC118 - MG TC Fire Extinguisher Bracket Installation



**Fire Extinguisher Brackets:** These brackets easily on most portable fire extinguishers. They are designed to be used in the TC without drilling holes in the car. The “u-shaped” mounts place the extinguisher out of the way, but accessible, on top of the rubber gear box extension tunnel cover forward of the gearbox shift lever. The width is designed to gently grip the sides of the cover without damage to the cover.

Because of the many fire extinguishers on the market, these mounts are designed to be universal to be attached to your specific fire extinguisher bracket. Recommended install includes drilling and tapping the brackets for machine screws, rather than using nuts and bolts. This is because the extinguisher and bracket are designed to rest directly on the top of the tunnel cover and do so without chaffing the cover with the exposed bolt and nut. If chafing is not an issue on your car nuts and bolts are fine.

**Instructions for Installation:** Measure the distance, top to bottom, between the mounting holes on your extinguisher brackets. This is Dimension Y and will become the spacing between the mounts when installed. Measure the distance from the upper holes on the bracket to the top of the fire extinguisher when they are one unit. This is Dimension X and will give you the minimum distance forward of the shifter that the top bracket will be placed.

Using Dimensions X and Y determine the placement of the mounts. (Since there are no holes to drill into the car, dimension Y may be extended as you wish for final placement of the extinguisher on your car.) Using masking tape mark the placement you have selected and test fit the mounts to tunnel cover. Gently slide the mounts down over the tunnel. They should gently grip the cover with very little rocking side to side. If you feel the grip should be adjusted you may do so by gripping the mount in the center, in a vise, and gently opening or closing the opening the legs to suit fit to your car.

Place the mounts on the bench with the bracket on top of them as they will be installed. Mark the holes onto the brackets for drilling. Four #8-32 machine screws have been included. A number 29 drill is called for but a 1/8” hole is fine if you do not have the #29. Center punch and drill the holes you have marked and tap using a 8-32 tap. As you test fit you will see there is a bit of the screw showing proud on the underside. The included flat washers may be used between the bracket and the mounts or under the screw head to eliminate this. Locktite is recommended to secure the screws from loosening over time. Alternatively lock washers may be used under the screw heads and accomplish the same end which is less dressing underneath. Attach the mounts to the bracket. Gently file or grind the protruding screws exposed in the underside to eliminate chaffing of the cover.

Place the extinguisher into its bracket with the mounts attached and place the unit into your TC by sliding it down over the gearbox cover. Make sure the shifter does not hit the extinguisher when in 1st or 3<sup>rd</sup> gear.