



R I N G B R O T H E R S

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50656-3500 1965-66 Mustang Billet Export Brace Kit Installation Instructions

Thank you for purchasing your billet export brace from Ringbrothers.

Note: Export brace comes partially assembled.

Packing List:

- 1-Left strut tower mount (assembled three piece)
- 1-Right strut tower mount (assembled three piece)
- 1-Cowl mount bar (boomerang shaped)
- 2-Cowl mount blocks
- 2-Arm assemblies (five pieces each)
- 2-5/8" x 1.25" SS button head cap screw
- 2-5/8" x 2 SS" button head cap screw
- 4-7/16" x 1.5" SS hex bolt with washer
- 2-7/16" x .75" hex bolt with washer
- 6-3/8" x .5" SS button head cap screw
- 6-Shock tower nut inserts
- 8-10-32 x .75" SS button head cap screw
- 4-3/8" x 1.25" SS button head cap screw (used in the strut tower mount assemblies)
- 1-spanner wrench

Tools Needed:

- 3/8" Allen wrench for installing 5/8" button head bolts
 - 7/32" Allen wrench for installing 3/8" button head bolts
 - 5/8" Wrench or socket for installing the 7/16" bolts
 - 1/8" Allen wrench for installing 10-32 button head bolts
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Installation Steps

1. Remove factory brace.
Note: 65-66 mustangs must have the factory strut tower mounting bracket removed.
2. Remove factory upper shock mounts.
3. Place nut inserts into factory slots in strut tower, three each side. 65-66 mustangs will have to be opened up some to allow inserts to slide in.
4. Remove cap from top of shock tower mount using 1/8" allen wrench. Feed shock through shock tower mount making sure flat side of mount faces toward the outside of the car and the export arm mount faces rear of car. Slide shock tower mount down over nut inserts and tighten using three 3/8" x .5" bolts per side. (a small amount of anti seize on the inserts may help ease installation)
5. Bolt shock to new shock tower mount using original mounting hardware.
6. Mount cowl mount bar (boomerang shaped piece) to cowl underneath cowl lip. Install using four 7/16" X 1.5" SS hex bolts and washers through the factory holes, which may have to be enlarged on some cars. The bolts run in from the top of the cowl lip through the lip, through the cowl mount bar using the cowl mount blocks as nuts underneath. The cowl mount blocks are marked bottom and the single threaded hole mounts with the threaded part facing the fire wall.
7. **Optional:** for extra rigidity the cowl mount blocks can be secured from inside the passenger compartment by center punching through the hole in the block and drilling a 7/16" hole for each block. The two 7/16" x .75" hex bolt with washers are for this purpose.
8. Mount export arm assemblies, each arm mounts on the top of the cowl bar using the 5/8" x 1.25" button head cap screw. Adjust the length of the arm assembly so the 5/8" x 2" button head cap screw can be installed through the arm into the strut tower mount. Tighten all four 5/8" bolts and use provided spanner wrench to slightly tension arms.

Note: over tensioning arms can move strut towers.

Any questions please call 608-588-7399
Enjoy your new Ringbrothers Billet Export Brace!
