



Adjustable Rear Shock Tower Brace KB-2151.108 Installation Instructions for 2005-2014 Mustangs

P/N KB-2151.108

Record Your Serial Number Here:

The KENNY BROWN™ **Adjustable Rear Shock Tower Brace** strengthens the upper portion of the rear suspension by triangulated reinforcement of the shock towers. The KENNY BROWN™ **Adjustable Rear Shock Tower Brace** adds extra body rigidity for better handling and performance under hard cornering and abrupt directional changes. The **Adjustable Rear Shock Tower Brace** can be installed with basic hand tools.

Carefully read through these instructions before beginning. If you do not understand or feel comfortable with these procedures, have a qualified mechanic perform the installation.

Installation Time:

Approximately 2 hours

Tools Needed:

Basic hand tools
Jack and jackstands
1/2" and 3/8" drill bits

Kit Includes:

(1) Shock Tower Brace
(1) 1/2" -20 x 1 1/2" Bolt
(1) 1/2" -20 Lock Nut
(2) 1/2" Flat Washers
(2) 3/8" -24 x 1" Bolt
(2) 3/8" -24 x 1 1/4" Bolt
(4) 3/8" -24 Lock Nut
(8) 3/8" Flat Washers



KB-2151.108 Adjustable Rear Shock Tower Brace Installed

Installation Instructions:

1. Jack up rear of the vehicle and rest on jack stands, making sure to put blocks around the front tires to prevent the car from rolling. Support the axle using another set of jack stands (This is so the shocks don't fall from the shock towers as they are loosened during installation.)
2. Remove bottom trunk liner and pull back side liners towards the rear of the vehicle.
3. Remove upper shock nut/washer/bushing and locate the KENNY BROWN™ **Adjustable Rear Shock Tower Brace** in place over the top of the shocks. Adjust the length of the brace to fit over top of the shock towers and leave the jam nuts loose until the end of the installation.
4. Using the holes in the brace as a guide, mark, and drill 2 holes in each shock tower (3/8" drill bit), and another hole through the trunk pan (1/2" drill bit).
5. Rotate the center piece forward to lengthen the brace and backward to shorten it.

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6. Reinstall the bottom trunk liner and mark the center hole from underneath the vehicle. Remove bottom trunk liner, drill 1/2" hole in the liner and reinstall.
7. Reinstall brace over bottom trunk liner and fasten center tab to trunk floor using supplied 1/2" hardware.
8. Fasten brace to shock towers using supplied 3/8" hardware. The longer bolts should be used on the holes towards the front of the vehicle, and the shorter ones towards the rear. Tighten all fasteners securely.
9. Tighten jam nuts against each side of the center piece and shock tower braces arms.
10. Reinstall side liners, trim as needed around the shock tower brace.



Adjustable Rear Shock Tower Brace without Trunk Liner



Drilled Holes on Shock Towers



Tighten the Jam Nuts at the end of Installation

If you have any questions, please call our Performance Specialists at 317.396.2768.
Our hours are Monday through Friday, 7:00 AM-6:00 PM EST. Saturday 8:00 AM-2:00 EST.

Thank you for purchasing KENNY BROWN™ Performance Products!