

2005-2014 Mustang Hood Struts

Part No. 80A012



STOP – Verify that all of the following components are included in kit before beginning installation:

- #1 - (1) Driver Side (LH) Body Bracket with ball mount
- #2 - (1) Passenger Side (RH) Body Bracket with ball mount
- #3 - (1) Driver Side (LH) Hood Bracket with ball mount
- #4 - (1) Passenger Side (RH) Hood Bracket with ball mount #5
- (2) Gas Struts (Hood Struts)

Tools Needed

Flat Screwdriver
10 mm Socket
Ratchet

If you have questions or concerns, CONTACT MRT BEFORE INSTALLING or MODIFYING the product. Failure to do so will void warranty and make ineligible for return or exchange.

Video tips of this install can be found here -

<https://youtu.be/QiAFgP4kwlo>

Installation of Hood Struts:

- 1.) Remove the fender bolt immediately forward of the hood hinge (one per side).



- 2.) Install Body Bracket w/ball mount pointing toward the engine and located nearest to the windshield.

NOTE: Perform the following steps on one side of the hood at a time. Make sure that the hood is properly supported before continuing!

- 3.) The hood hinge is retained with two nuts; remove the nut closest to the front of the hood.
- 4.) Loosen the rear bolt enough to allow the hood bracket with ball mount to slide into place.
- 5.) The correct bracket will angle toward the center of the hood, with the ball stud pointing outwards.
- 6.) Place the hood bracket with ball mount between the hinge and bolt head NOT between the hinge and the hood.



- 7.) Re-install the forward nuts through the Hood Bracket with ball mount and thread into hood. Tighten both hood nuts.
- 8.) Repeat steps 4-7 on the other side.
- 9.) When all four brackets are installed and tight, attach the struts to the ball mounts on the Body Bracket and the Hood Bracket by snapping the strut onto the ball studs. Be sure to attach the thin side to the fender and the thick side to the hood, this will help to keep moisture from entering the hood strut. The struts are not side specific, so you can install on either side. Rotate strut end if needed to fit. Re-route the rubber windshield washer hose to prevent pinching/damage.
- 10.) Remove the factory Prop Rod from vehicle (recommended).
- 11.) This hood is not adjustable, but lower the hood slowly to make sure the gap between the hood and fender is constant.

Please Note: For 2010-14 Mustangs, relocation of the sound canister is required – *next page*

2010+ Model – Pre-Installation Modification: Re-locate the Sound Tube Canister:

- 1.) Raise hood and prop open. Remove the bolt (10mm) that secures the module to the fender. Remove the factory U-Nut from the fender flange (save for re-use).



- 2.) Remove the metal bushing from the rubber isolator by lifting up.



- 3.) Remove the rubber isolator from the canister and cut out ½" from the center of the isolator, as shown below. Replace the isolator halves onto the top side of the canister bracket. Insert the metal bushing into the isolator from the bottom side, as shown below.



- 4.) Install the canister to the **BOTTOM SIDE** of the fender flange using the factory bolt and U-Nut.



View of sound canister after relocation:

MRT appreciates your business; please feel free to contact us at any point with questions or concerns at 734-455-5807 or via email at Sales@MRT-Direct.com