



FORD PERFORMANCE

M-16826-M

2005-2014 Mustang Hood Strut Kit

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Please visit www.performanceparts.ford.com for the most current instruction and warranty information.

PLEASE READ ALL OF THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. AT ANY TIME YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE CALL THE FORD PERFORMANCE TECHLINE AT 1-800-367-3788

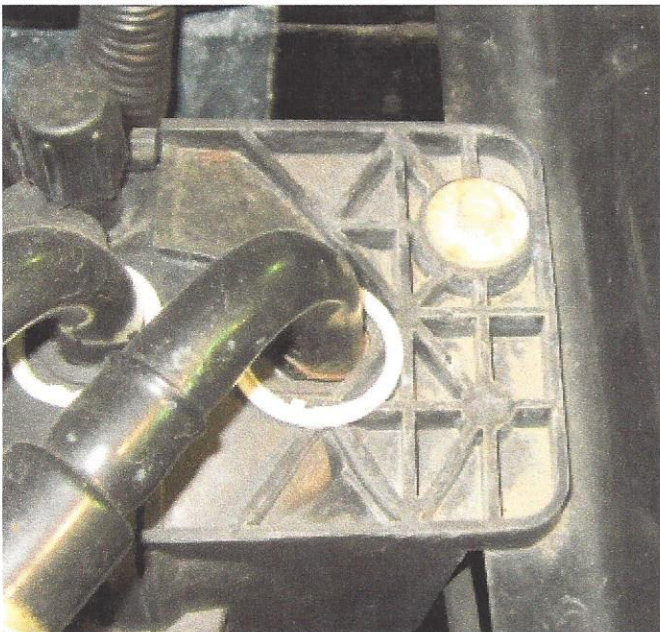
Read and understand instructions before starting installation.
Issues may arise when installing on aftermarket hoods.
Installation of this strut kit may cause the rear of hood to lift slightly when in the closed position.
Light weight hoods may bow just forward of the strut mounting point.
Heavier aftermarket hoods will not be properly supported by the gas struts.

Kit contents:

- 1-Drivers side hood bracket (marked with "D")
- 1-Passengers side hood bracket (marked with "P")
- 2-Lower fender brackets (same for both sides)
- 2-Gas struts
- 1-Flat socket head cap screw (2005-2009 only)

Pre-installation modification 2005-2009 AC accumulator bracket

1. Remove hex head bolt from AC accumulator bracket.



2. Using appropriate countersink bit, modify bolt hole.
3. Install supplied flat socket head cap screw. Head of screw will be flush with bracket.

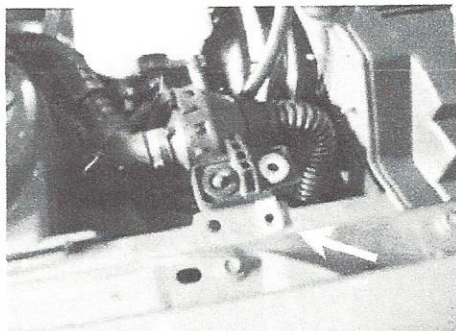
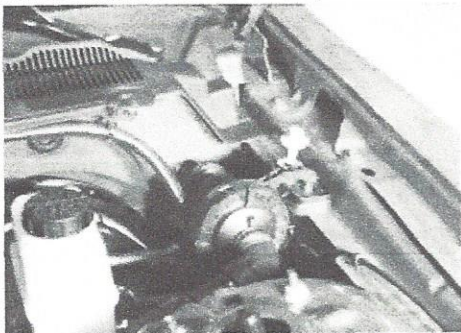
Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356



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2010-14 Model Pre-Installation Modification – Relocate the sound tube canister if so equipped:

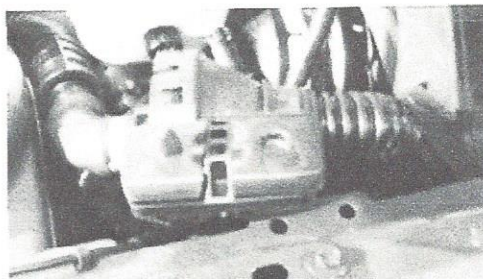
1. Raise hood and prop open.
2. Remove the Bolt (13mm) that secures the module to the fender. Remove the factory U-Nut from the fender flange (SAVE FOR REUSE).



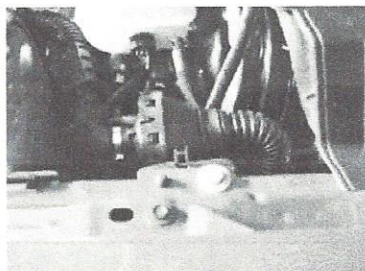
3. Remove the metal bushing from the rubber isolator by lifting up.



4. Remove the rubber isolator from the canister and cut out 1/2" from the center of the isolator, as shown below. Replace the isolator halves onto the top side of canister bracket. Insert the metal bushing into isolator from the bottom side, as shown below.



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



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1. Raise hood and prop open.
2. Remove the exposed fender bolts immediately forward of the hood hinge. (one on each side)
3. Install provided fender brackets on left & right side (some model years may require minor trimming of plastic vent housing. However, in most cases the bracket will slide behind the plastic or fit in front). If necessary to fit behind, pry the plastic vent slightly away from the fender and slip the rear of the bracket between the vent plastic and the fender. The bracket is a "pressure" fit, meaning the fender bolt must be properly tightened to prevent any movement. To ensure there is no bracket movement, it is recommended that a "blue" loctite be used on the threads of both fender bolts (Loctite is not provided). Insert the bolt through the bracket and back into the fender bolt hole. Torque the fender bolts to 106 in. lbs. (approx. 9 ft. lbs). When done, the bracket will pull down to the fender top surface preventing rotation.



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

4. There are two bolts that hold the hinge to the hood. Remove the bolt most forward (nearest the front of the car).
5. Loosen the rear bolt approximately 3/16" or enough to allow the provided Hood Bracket to slide under the bolt into place (Bracket marked "P" is for the passenger side and Bracket marked "D" is for the driver's side).
6. Make sure to place the Bracket between the hinge and bolt head, NOT between the hinge and the hood.

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7. Reinstall the forward bolt through the Hood Bracket and thread into hood. Tighten both hood bolts to 106 in. lbs. (approx 9 ft. lbs.) torque spec. Repeat the same steps on the other side.

Note: Windshield washer hose may need to be rerouted to prevent pinching damage. Do not crimp hose under the bracket on the passenger side.

When all 4 brackets are installed and tightened, attach the struts by pushing them on the balls. Ensure that the left strut is on the left and the right is on the right hand side. This is done by making sure the Ford Performance logo is right side up and legible. The strut will have the rod down and attached to the fender ball. The upper fitting and the rod may need to be rotated to ensure proper alignment to the balls and have the logo facing outboard on both sides.

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