

ALL HOODS 21-11035

GT350 ONLY 21-11030

Version 3.6 7/2024

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2015-2023 Ford Mustang QuickLIFT Installation Guide

Step 1 - Unpack QuickLIFT system and verify contents.

- * (2) Gas springs
- * (2) Fender bracket assembly
- * (1) Left-Hand Hood bracket (LH)
- * (1) Right-Hand Hood bracket (RH)
- * (1) Plastic drill guide
- * (1) 3/4" Stepped Drill Bit

21-11035

QL-133-7A
55-00017
32-00021
32-00020
38-00009
38-00010

21-11030

QL-133-55A
55-00017
32-00017
32-00018
38-00009
38-00010



32-00020 (RH) & 32-00021 (LH)
32-00018 (RH) & 32-00017 (LH)
Hood Brackets

Applications: 2016-2020 Shelby GT350 ONLY use system **21-11030**.
For 2015-2023 Global Mustang applications, use system **21-11035**.

Step 2 - Gather the required tools.

- * Socket wrench
- * 10mm and 13mm deep-well sockets
- * Electric drill
- * Center punch



55-00017
Fender Assemblies

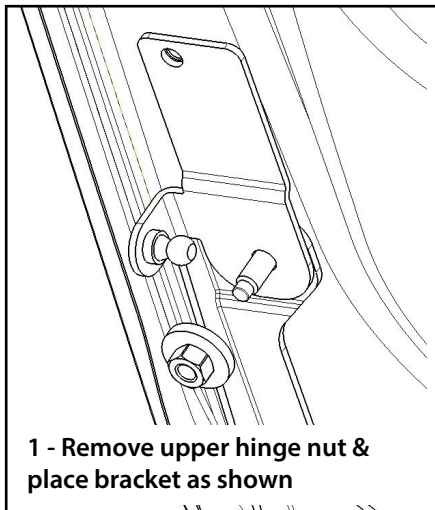


38-00010

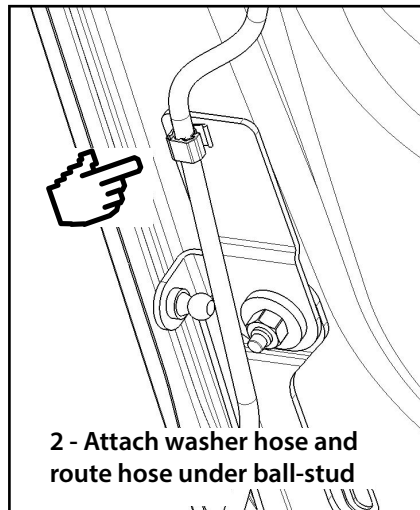
38-00009

Step 3 - Install hood brackets.

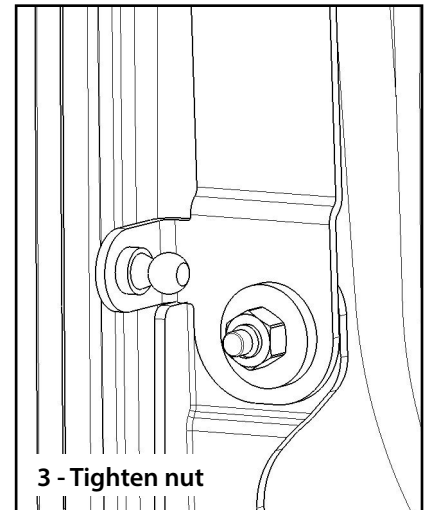
- Remove the hood's RH upper most hinge bolt using a socket wrench with a 10mm or 13mm socket.
- The RH bracket goes onto the right-hand side of the vehicle (**passenger** side). The bracket will go over the upper hinge bolt (Fig. 1) and extend vertically onto inner hood for support. Washer hose can be reattached through bracket hole (Fig. 2) on 2015-2017 model years. Leave in position for 2018+ model years.
- Tighten nut(s) back down to secure bracket using the same socket.
- Repeat for LH side of vehicle (driver's side in North America). If the hood was slightly misaligned at the factory, you may have to slightly loosen the lower hinge nut to get the bracket to rotate vertically.



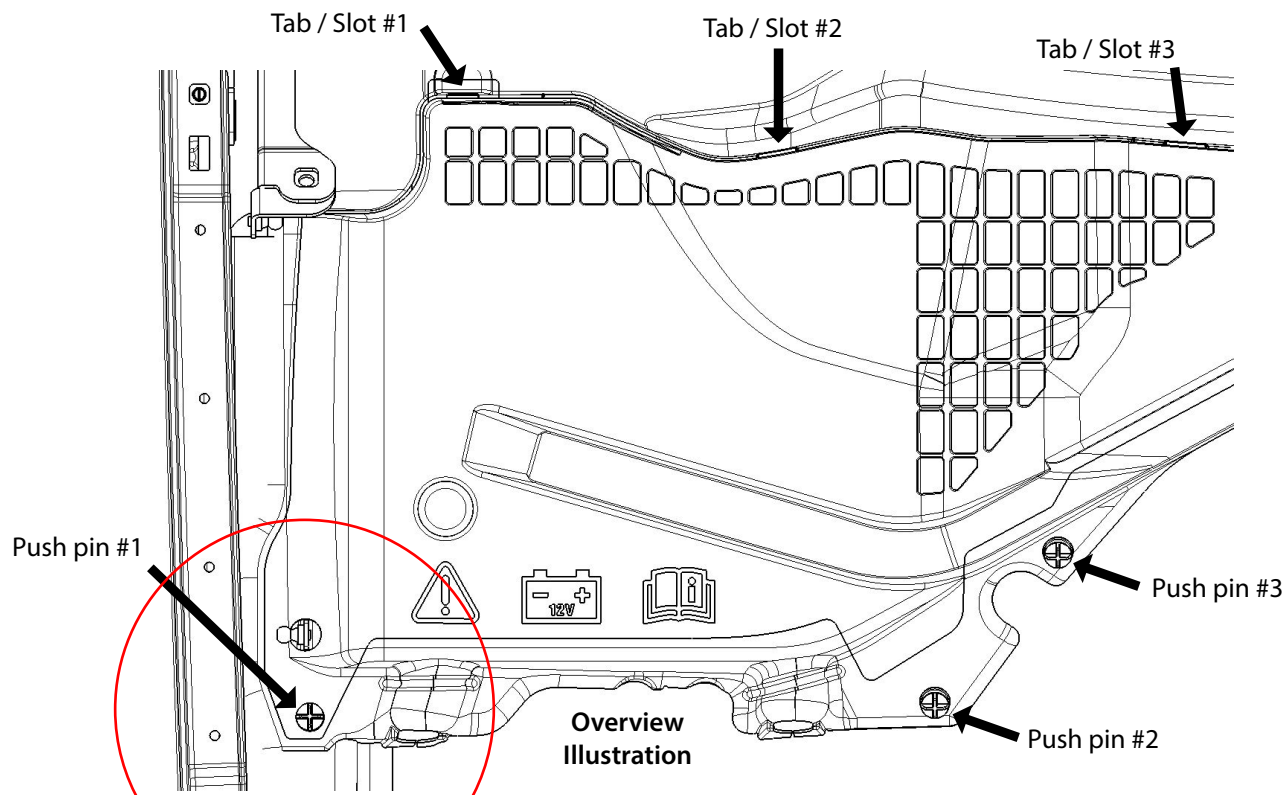
1 - Remove upper hinge nut & place bracket as shown



2 - Attach washer hose and route hose under ball-stud



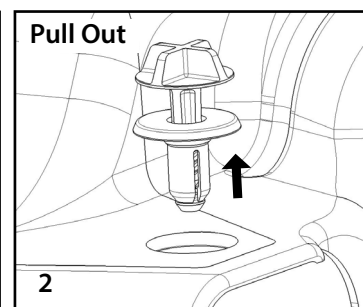
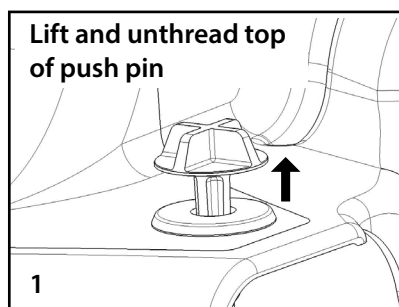
3 - Tighten nut



Step 4 - Position plastic guide.

A. Unscrew the front push pin #1 that holds down the battery cover. Once it stops, pull out the push pin assembly easily with fingers.

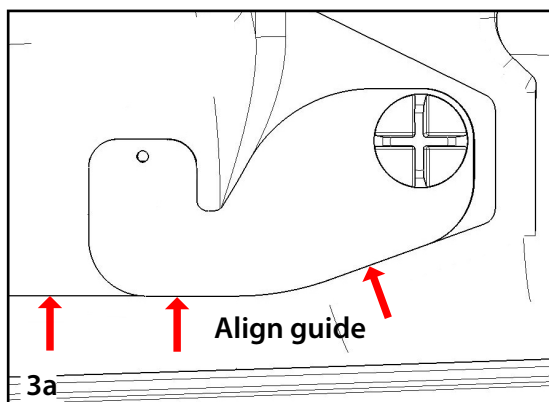
(See overall illustration above for push pin location and Illustrations 1 & 2 to the right for removal).



B. Insert the push-pin thru the larger hole in plastic drill guide and then back into the hole it came from. Now rotate guide until it aligns to the **plastic** edge of the battery cover (The border of the rubber seal surrounding the battery cover). (Illustrations 3a & 3b)

(For right hand drive vehicles, the guide should be flipped over so it will align to your battery cover as it is a mirror image of the one shown).

C. Mark center of small hole at top of drill guide while keeping guide aligned with edge of plastic as shown.

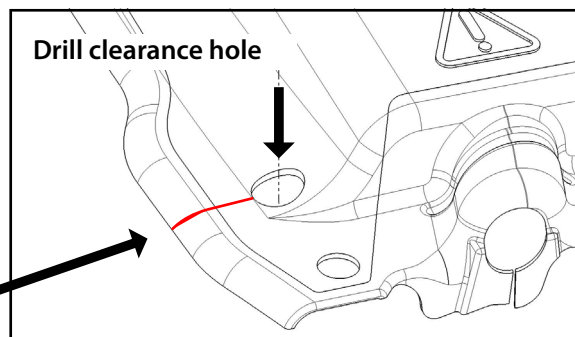


Step 5 - Remove battery cover and drill hole.

A. Remove the (3) push-pins holding down the front of the battery cover, then remove cover by lifting slightly and pulling forward to release the three 22mm tabs at the top edge that retain it.

B. Carefully drill a small pilot hole in the plastic battery cover as marked in Step 4. Then drill the final **3/4"** hole with the included step bit - entirely through the plastic. This hole is used for a pass-thru of the fender bracket installed in the next step.

OPTIONAL STEP: For easy removal of the battery cover with the QuickLIFT system installed, cut a small slot from the center of the drilled hole straight out to the edge.



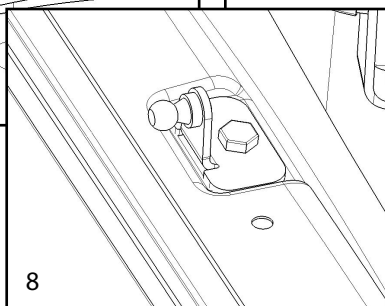
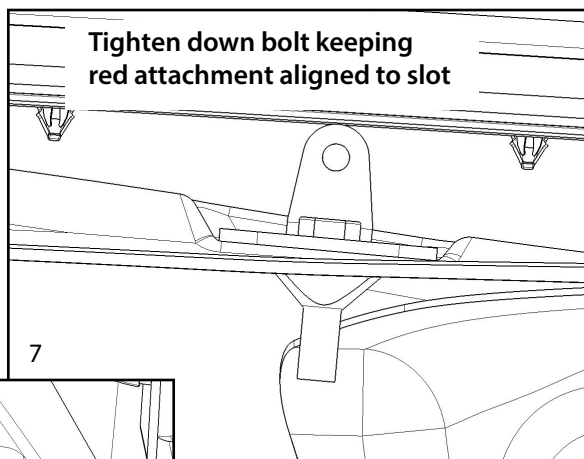
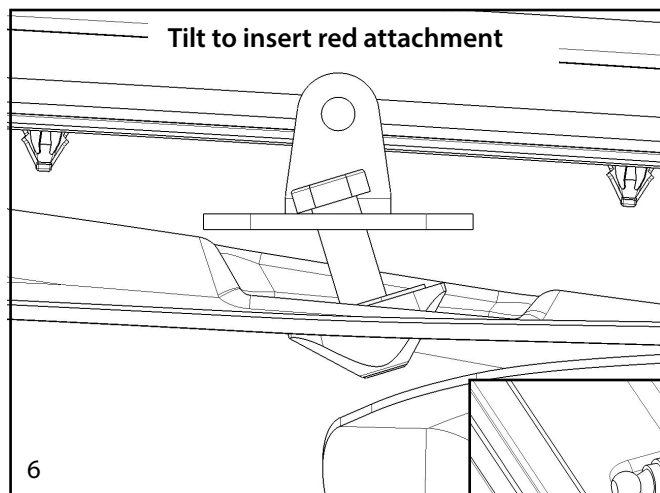
Step 6 - Install fender bracket assemblies.

A. Be sure that the bolt in bracket assembly is threaded most of the way through the red attachment. Leave 1-2 threads of the red attachment showing from bottom.

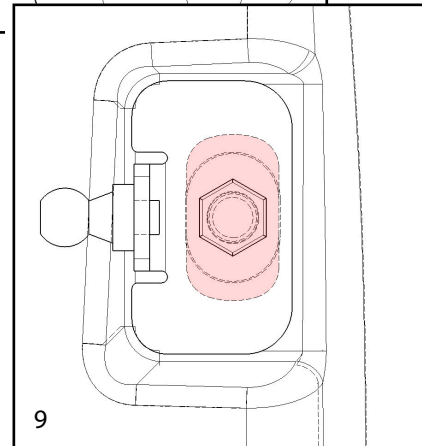
B. Tilt and insert red attachment through fender hole keeping ball-stud aiming **outward** (shown in Illustration 6 below).

C. With bracket pushed down into recessed cavity, pull up on bolt while turning bolt clock-wise to tighten. Slowly, the assembly will tighten, compressing the bracket and fender between the red attachment (lower) and bolt (on top).

The red attachment is designed to fit perfectly in the fender slot and can be seen in the correct orientation in Illustration 9. Be sure it is aligned properly before final tightening of bolt.



D. Repeat installation on opposite side of vehicle. Ball studs aiming outward or away from vehicle on both sides.



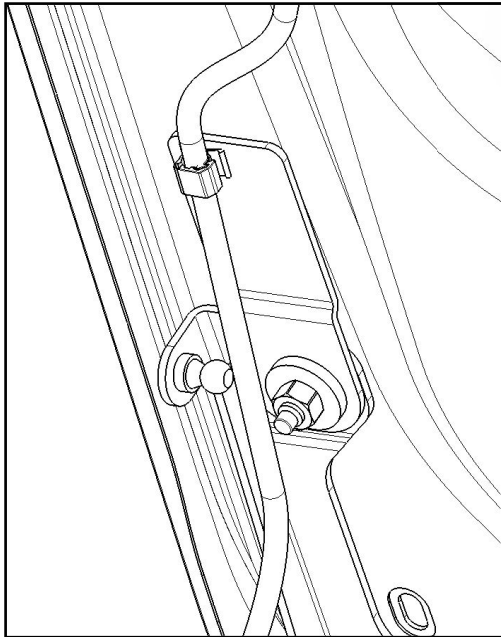
Step 7 - Reinstall battery cover.

A. Push the ball-stud / bracket through the battery cover hole that was drilled.

B. Carefully align the 3 upper tabs on battery cover with the three slots on the cowl. Slide cover into slots and then reinstall the push pins into the front of the battery cover. **Be sure that the cover gets tucked back around the battery cables and is fully seated.**

Step 8 - Install gas springs.

- A. Route washer line over the bracket and under ball-stud. Plug in the hood attachment back through the new bracket and into the same hole from which it was removed.
- B. Lightly press on the extending end of gas spring to the fender ball stud. Rock the socket back and forth - you want the inner c-clip to spread around the ball-stud. Do not force straight on as this can bend the inner clip.
- C. Snap on large end of gas spring to the hood's ball-stud, same as described above. You may have to twist socket to align to ball-stud, as well as have someone raising up the hood to center the ball & socket before snapping it on.



All applications: Route hose as shown

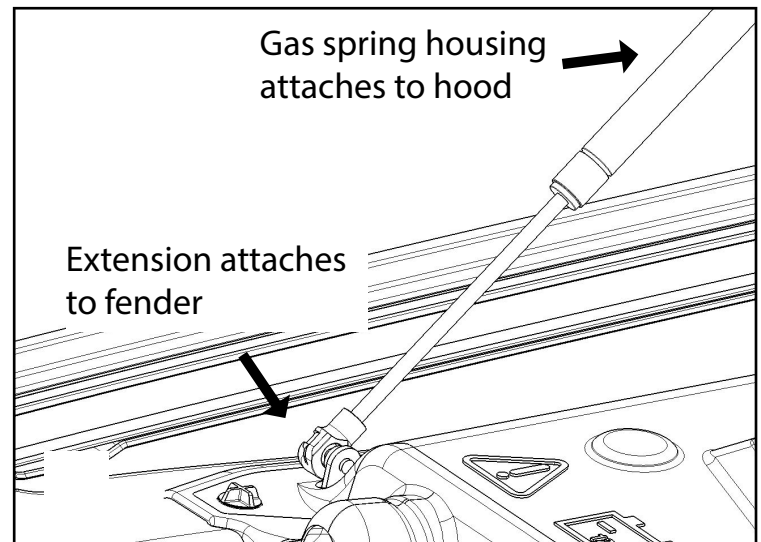


2018-2023 applications:

2018-2023 applications:

Pull hose through upper hose retainer to give slack, pulling excess hose outward as shown.

When hood closes, gas spring uses this space just below the snap-in hose retainer. If hose is not routed as shown, it might get pinched, reducing flow of washer fluid to nozzle.



Gas spring housing attaches to hood

Extension attaches to fender

How To Remove Struts:

Slide a small flat blade screw driver under the metal c-clip. Lift and rotate c-clip (DO NOT REMOVE C-CLIP). Gas spring will pop off of ball-stud.

Press c-clip back into position and the gas spring is ready to reinstall.

