

2015-26 Mustang SVE Jacking Rail Kit Installation Instructions



Note: Thoroughly read and understand these instructions before beginning the installation.

Note: SVE jacking rail powder coating is only designed to withstand vehicle jacks with padded rubber jacking plates. Surface damage can result from using jacks without these rubber pads.

Note: 2024+ Mustang models will require slight modification to the fiber-composite underbody shield for proper fitment.

2024 + Modification Steps (Before Installation) -

- 1.) Support the vehicle using a drive-on lift, two-post lift, or a properly rated set of jack stands before beginning this installation. **Note:** Verify the vehicle is stable and securely supported before working underneath it.
- 2.) Using a 7mm socket, remove the front and rear retaining screws securing the underbody shield to the vehicle. (Figure 1.0, 1.1)
- 3.) Using a sharp utility knife or razor blade, carefully cut out two sections of the underbody shield. Make the first cut at the front of the shield to provide clearance for the SVE Jacking Rail. Make the second cut at the rear of the shield around the transport hook mounting bolt holes. (Figure 1.2, 1.3)
- 4.) Reinstall the two underbody shield retaining screws that were previously removed and tighten securely.

2015+ Installation Steps -

- 1.) Working on one side at a time, use a 15mm socket to remove the two front factory retaining bolts located near the rear of the K-member, behind the engine. **Note:** On 2024+ models, use a 13mm socket. These bolts also secure the fender liner mounting bracket. The bracket does not need to be fully removed from the vehicle. (Figure 1.2)
- 2.) Use a 15mm socket to remove the two rear factory retaining bolts. (Figure 1.4)

3.) Using a compressed-air blow gun, thoroughly blow out any dirt, debris, or residual threadlocker from the front and rear mounting holes. Apply a suitable lubricant to an M10 x 1.5 thread chaser, then carefully chase the threads in each mounting hole. After chasing all threads, use compressed air to blow out each hole one final time. **Note: Clean the thread chaser thoroughly after each hole before proceeding to the next.** (Figure 1.5, 1.6, 1.7, 1.8)

4.) If reusing the factory hardware, use a wire wheel or wire brush to thoroughly remove any remaining threadlocker and debris from the threads of the previously removed bolts.

5.) At the front mounting location, carefully remove any excess seam sealer that may interfere with the jacking rail, allowing it to sit flush against the vehicle body. (Figure 1.9)

6.) **2024+ Models Only:** Slide the provided SVE jacking rail between the vehicle body and the fender liner mounting bracket. (Figure 2.0)

7.) Position and align the jacking rail with the rear mounting holes, then loosely thread one bolt into place to support the jacking rail during installation. **Note: If the vehicle does not have the factory mounting hardware, use the provided hardware.**

8.) Apply medium-strength blue threadlocker to the two front mounting bolts, then install and hand-tighten both bolts. Move to the rear, remove the bolt previously installed to support the jacking rail, apply blue threadlocker to both rear mounting bolts, then reinstall and hand-tighten both bolts.

9.) Starting at the rear, fully tighten all four jacking rail retaining bolts. Torque each bolt to 45–50 ft-lbs. (Figure 2.1)

10.) Repeat the previous steps to install the jacking rail on the opposite side of the vehicle.

The installation of the SVE Jacking Rails is now complete!

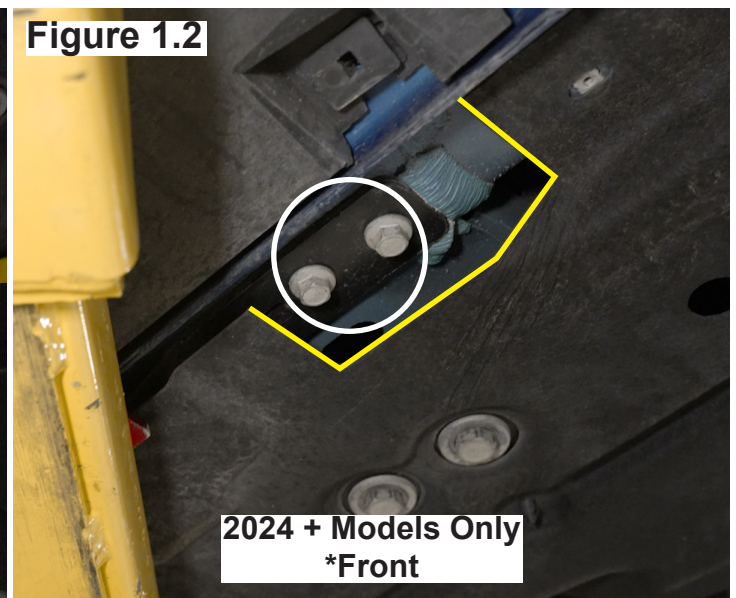
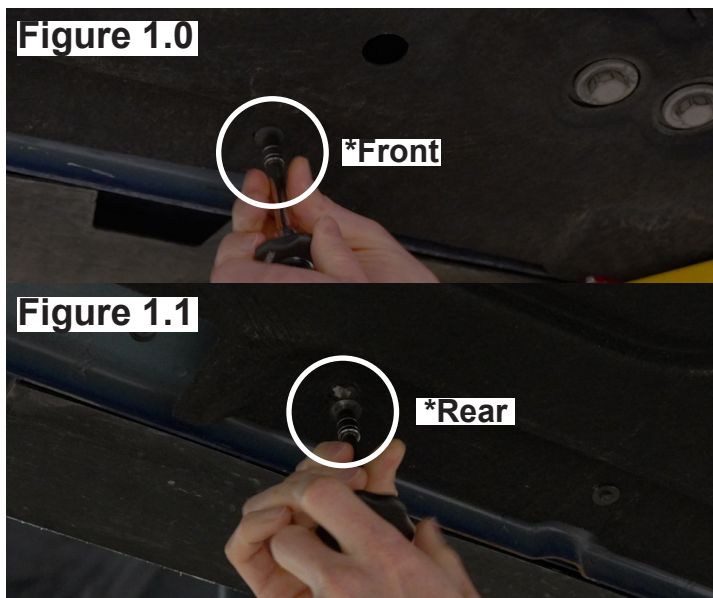


Figure 1.3



**2024 + Models Only
*Rear**

Figure 1.4



Figure 1.5



Figure 1.7



Figure 1.6



Figure 1.8



Figure 1.9



Figure 2.0

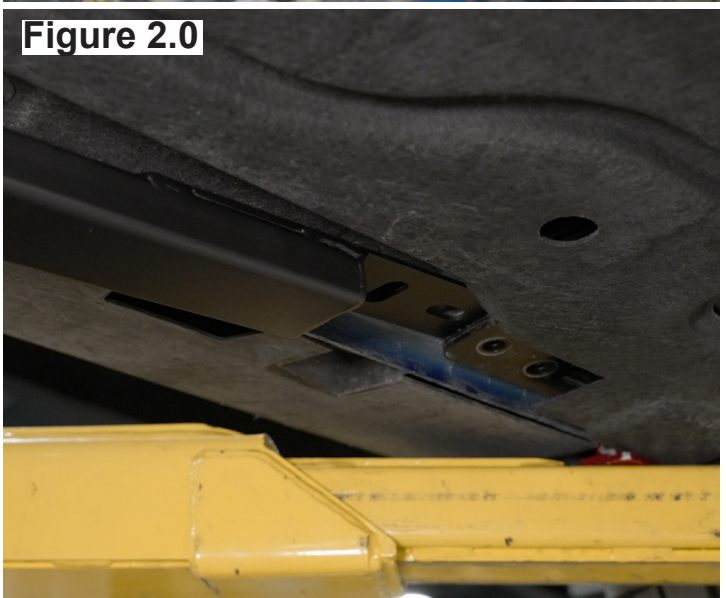
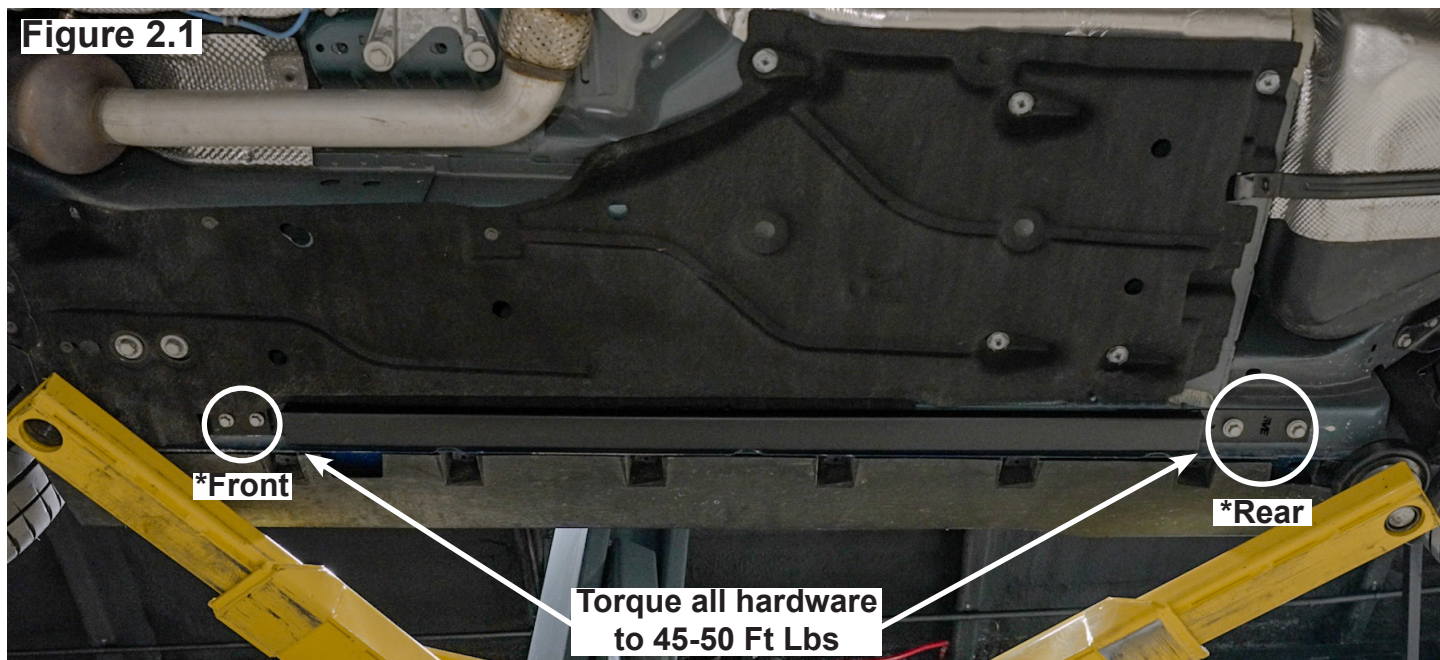


Figure 2.1



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