

2018-23 Mustang Mach 1 Front Bumper Conversion Installation Guide



(A) (4)



(B) (23)



(C) (12)



(D) (24)



(E) (12)



(F) (36)



(G) (14)



(H) (4)



(I) (10)



(J) (4)



(K) (2)



Note: The use of non-Performance Pack fender liners and belly pan is required for proper installation of the Mach 1 conversion kit on 2018-23 Mustang models.

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- 1.) Lay the bumper upside down on a bumper stand or protected flat surface. Remove the reinforcement bars by twisting and snapping them off, or carefully cut them off using a knife. **(Figure 1.1)**
- 2.) Begin by installing the upper grille and clip it securely into place. Ensure all retaining clips are fully seated and properly engaged. **(Figure 1.2)**
- 3.) If desired, the supplied fog light backing plates may be installed at this time. Align the backing plates and clip them securely into place. **(Figure 1.3, 1.4)**
- 4.) Install and securely clip the LH and RH corner grilles into place. **(Figure 1.5)**
- 5.) Install and clip the lower grille into place. **Note: The lower tab locations on the lower grille will not be fully secured at this time, as they will later clip into the splitter during step 13. (Figure 1.6)**
- 6.) Install the side splitter brackets onto the bumper using (8) supplied “D” screws, (8) supplied “E” nuts, and (16) supplied “F” washers. Once aligned, securely fasten the brackets into place on the bumper. **(Figure 1.7)**
- 7.) Move to the vehicle and remove the factory front bumper. Remove the factory belly pan and fender liners at this time.
- 8.) Install both LH and RH turn signal light and bracket assemblies onto the bumper using (4) supplied “A” screws, and your factory turn signal light hardware, then securely fasten them into place. **Note: Aftermarket turn signal lights are compatible with this conversion kit, but are not included. (Figure 1.8, 1.9)**
- 9.) Cut out the side reinforcement panel circled in red shown below, then transfer and install the factory fender-to-bumper brackets onto the bumper. **Note: This ensures proper factory alignment and orientation, allowing the bumper to be installed correctly onto the vehicle. (Figure 2.0)**
- 10.) Place the upper lower front splitter on a flat, protected surface. Install all supplied (12) “C” speed clips onto the splitter, including the single clip located at each outer end of the splitter. **(Figure 2.1)**
- 11.) Position the upper lower splitter onto the bumper and clip it securely into place. Ensure the lower grille tabs are properly aligned and fully clipped into the splitter, then press firmly on each end of the splitter to fully seat it into the bumper-to-splitter brackets. Once aligned, fasten the splitter to the bumper using (12) supplied “D” screws and (12) supplied “F” washers. **Note: A hole will need to be drilled on each end of the bumper near the bumper-to-splitter brackets in order to properly fasten the splitter. (Figure 1.7, 2.2)**
- 12.) Install the (7) factory belly pan speed clips from the original bumper onto the Mach 1 conversion bumper. **Note: If the original belly pan hardware is unavailable, LMR’s belly pan hardware kit must be purchased separately. (Figure 2.2)**
- 13.) Install the bumper-to-fender liner brackets onto the bumper assembly using (4) supplied “D” screws, (4) supplied “E” Nuts, and (8) supplied “F” washers. **(Figure 2.4, 2.5)**
- 14.) Align the lower splitter extension with the upper lower splitter, then secure the lower splitter extension into place using (21) supplied “B” rivets. **Note: Not all holes on the bottom side of the splitter will be utilized. (Figure 2.3)**
- 15.) Now that the bumper assembly is complete, reinstall the bumper onto the vehicle and install the hood-to-bumper seal.
- 16.) Install the non-Performance Pack fender liners and non-Performance Pack belly pan onto the vehicle using the provided push pins, then securely fasten them into place. **Note: factory hardware will be required for installation of belly pan. If the original belly pan hardware is unavailable, LMR’s belly pan hardware kit must be purchased separately. (Figure 2.5 - 3.1)**

Figure 1.1

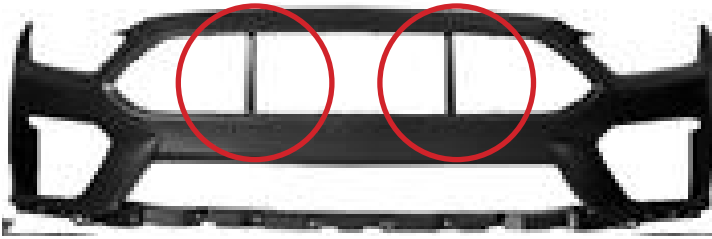


Figure 1.2



Figure 1.3



Figure 1.4

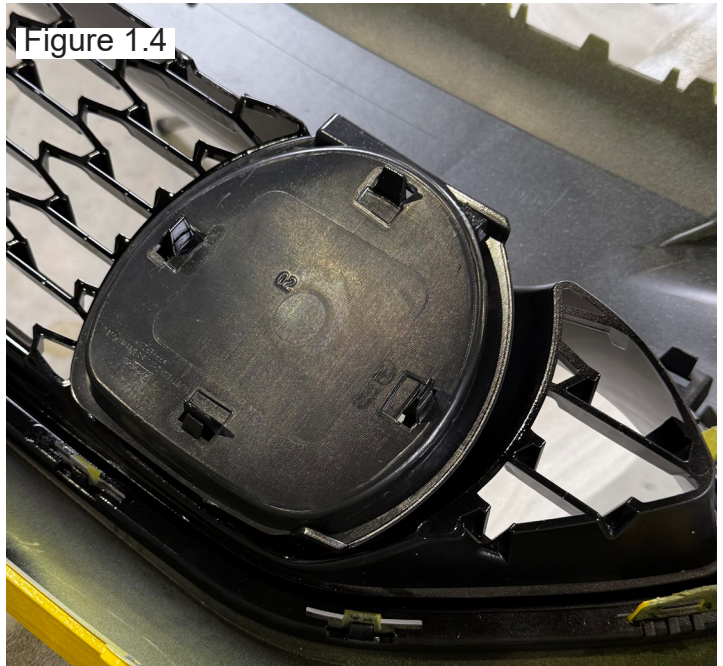


Figure 1.5

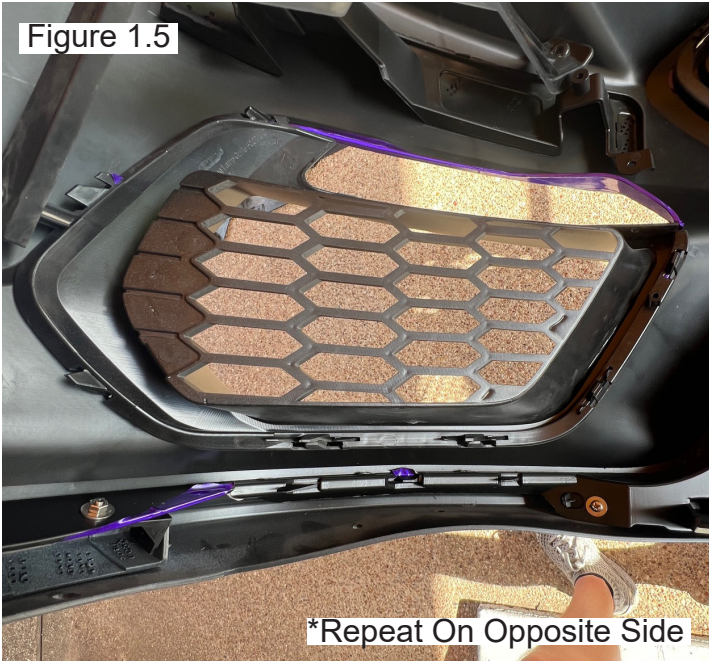
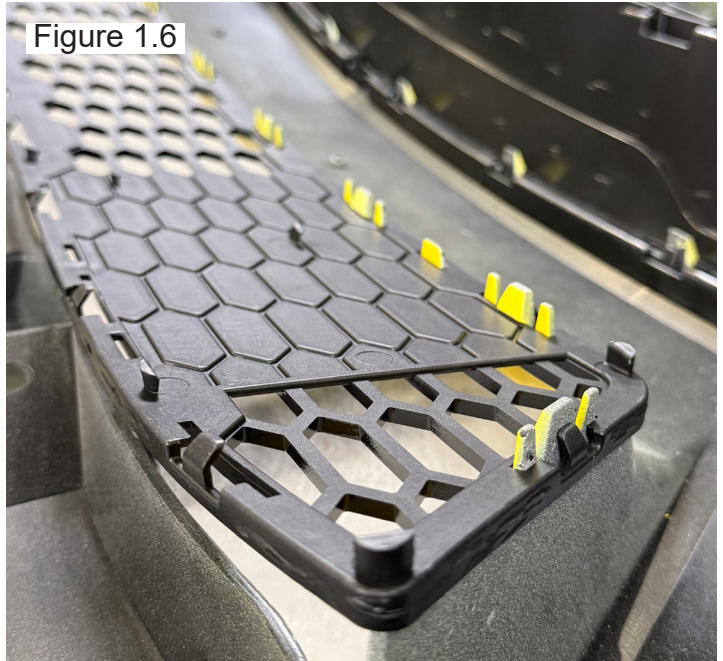
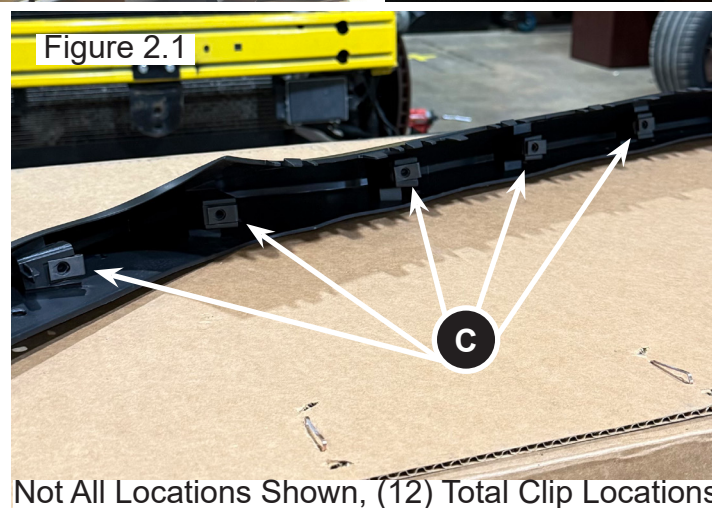
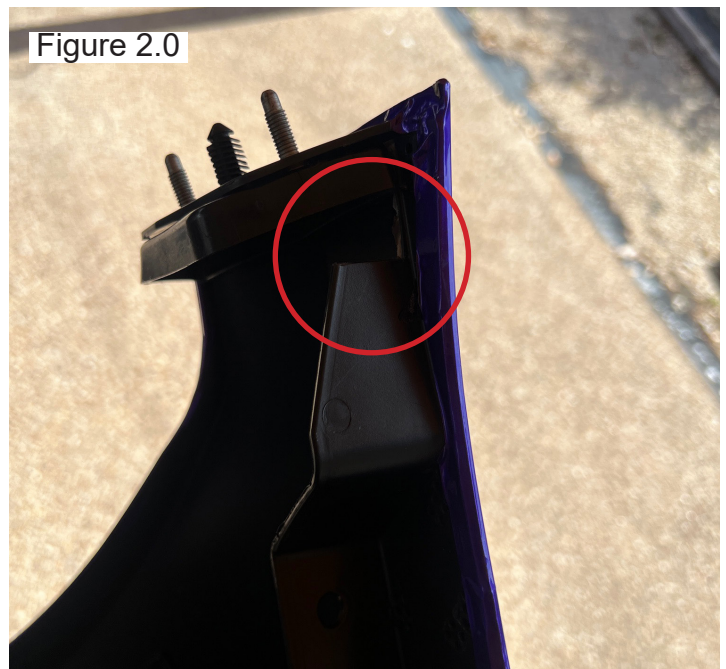
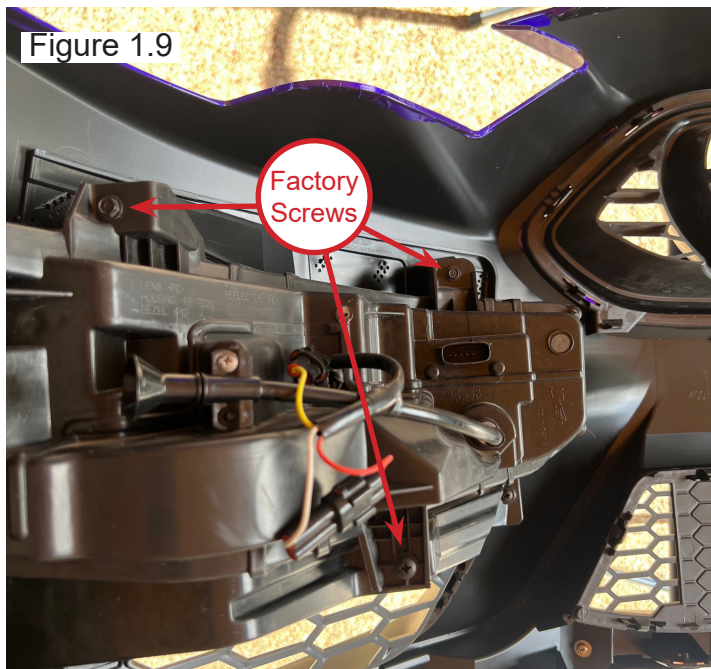
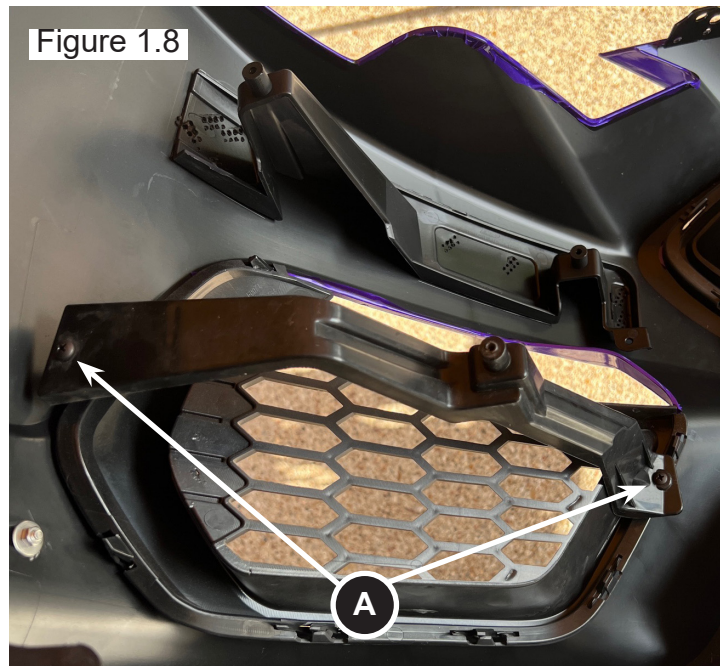
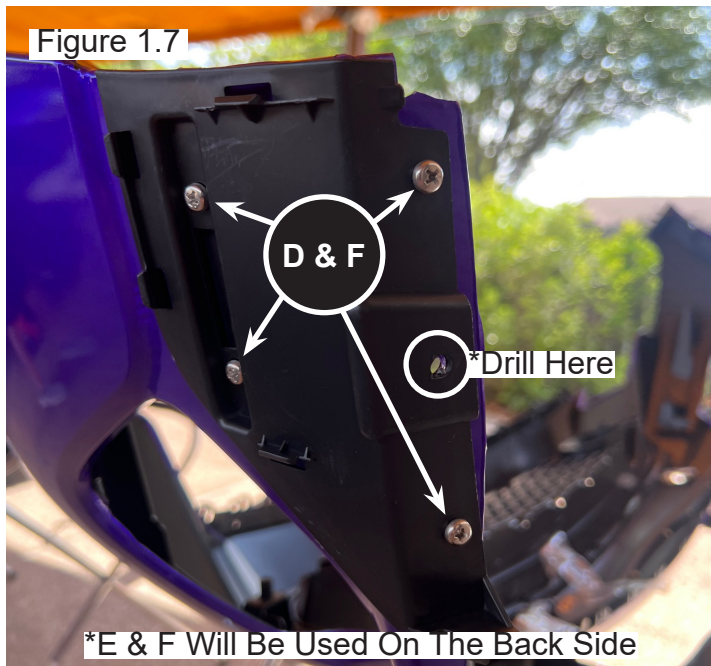


Figure 1.6

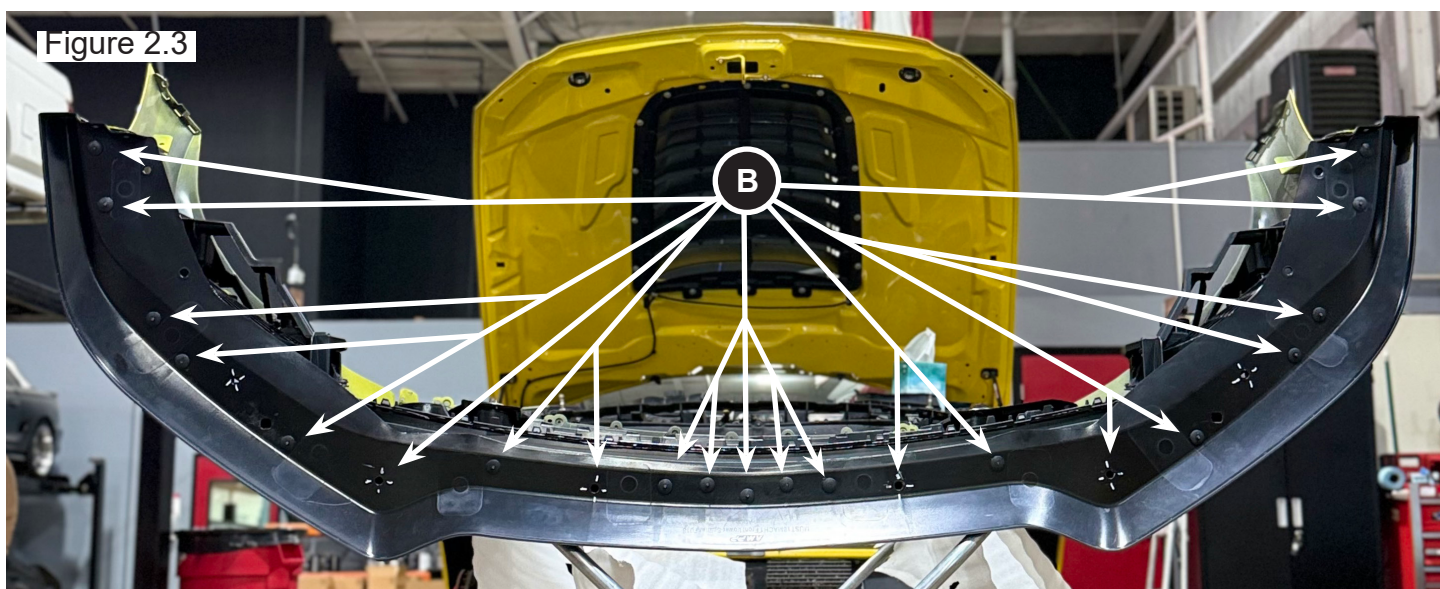
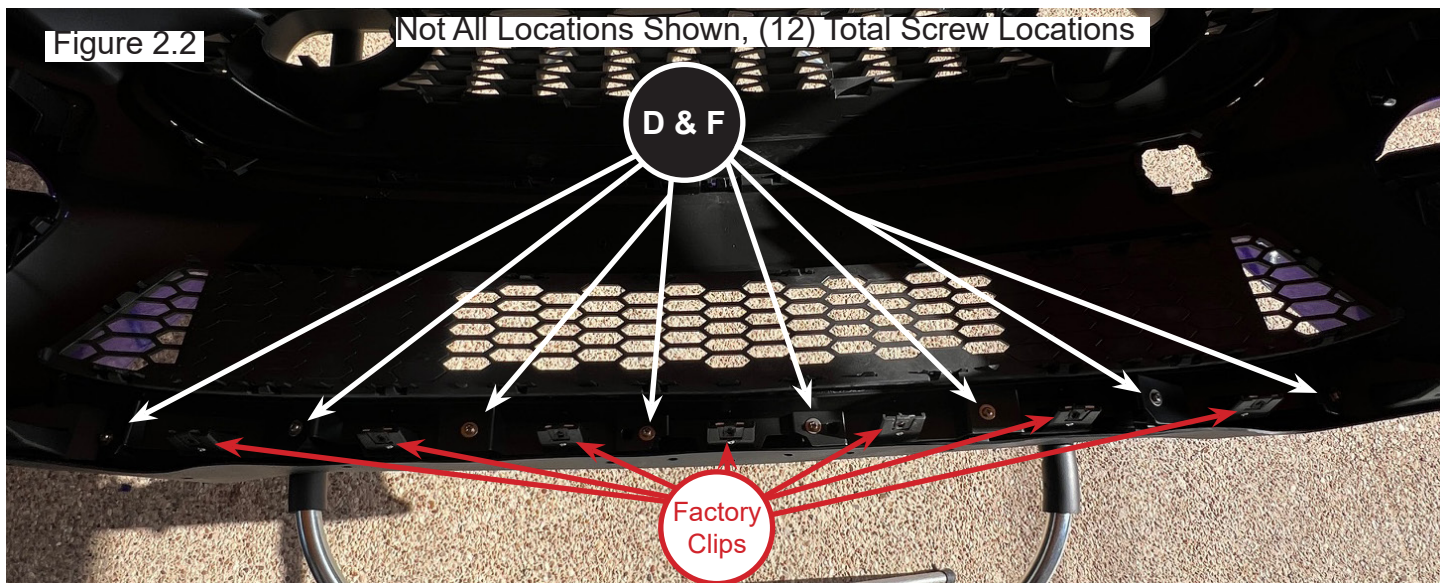


*Repeat On Opposite Side



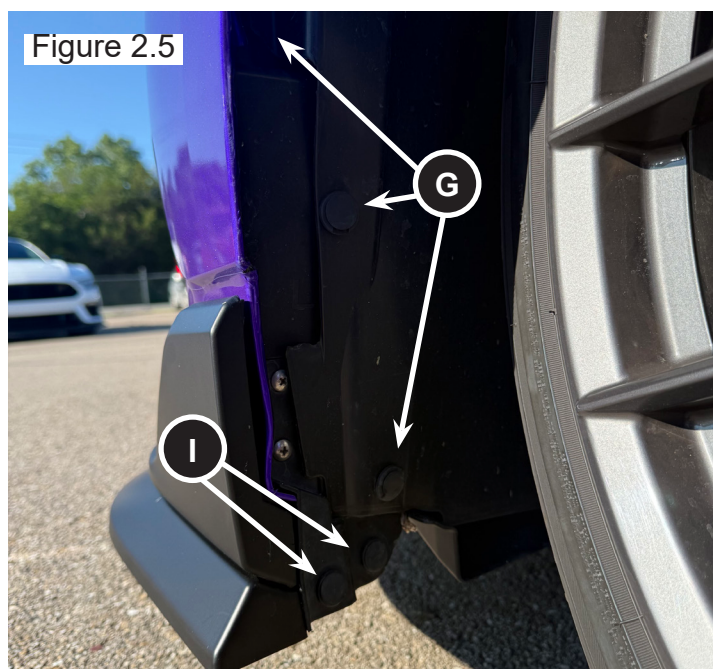
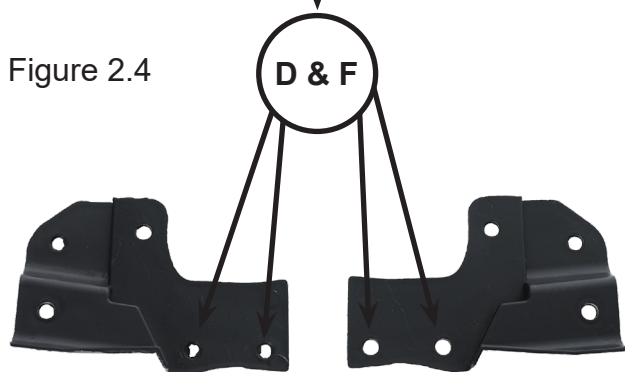
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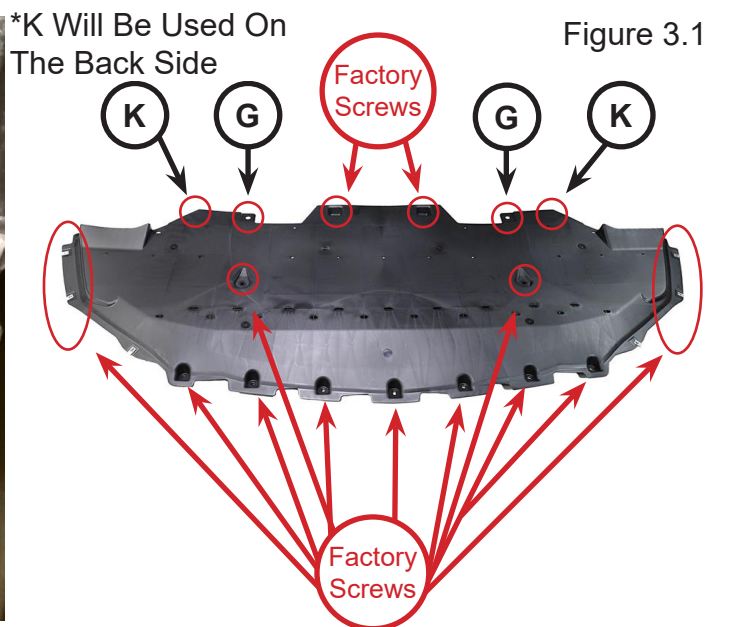
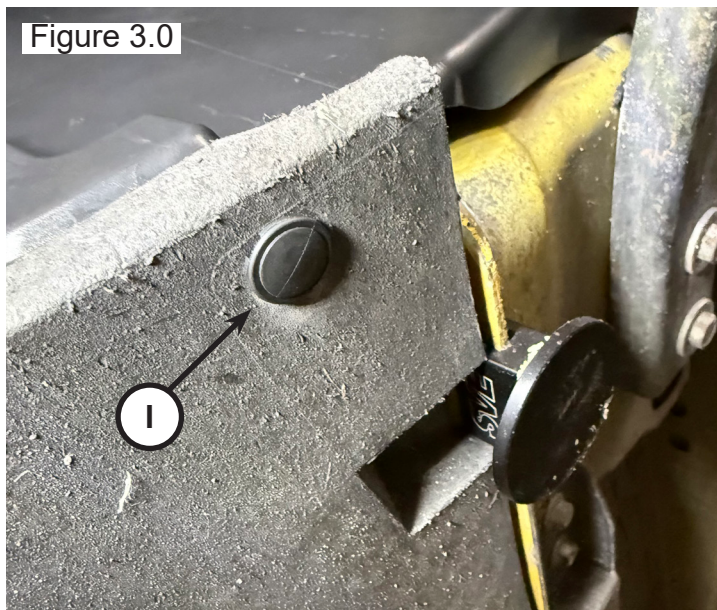
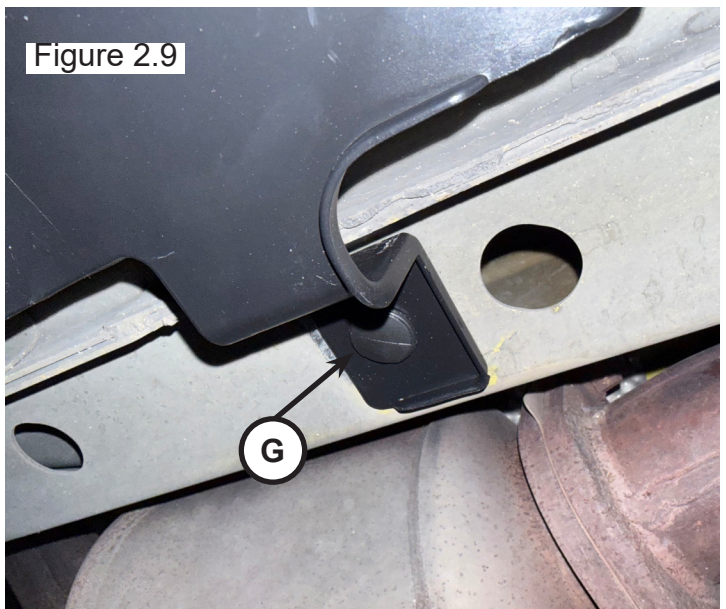
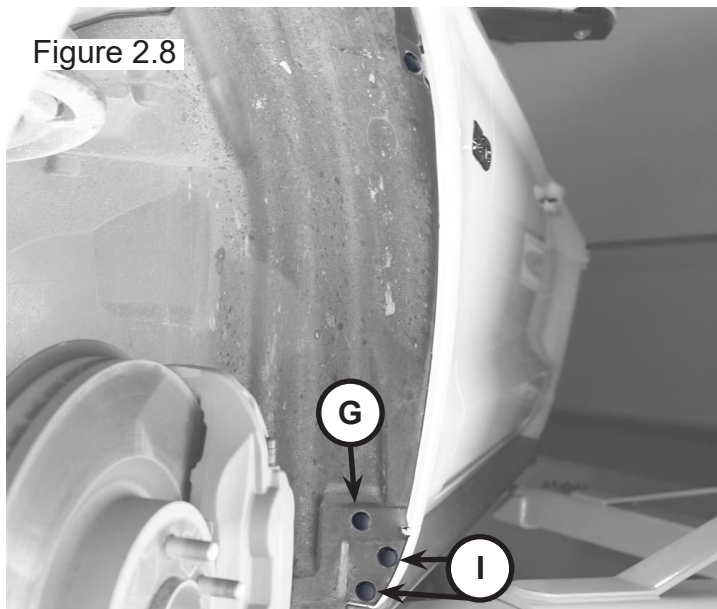
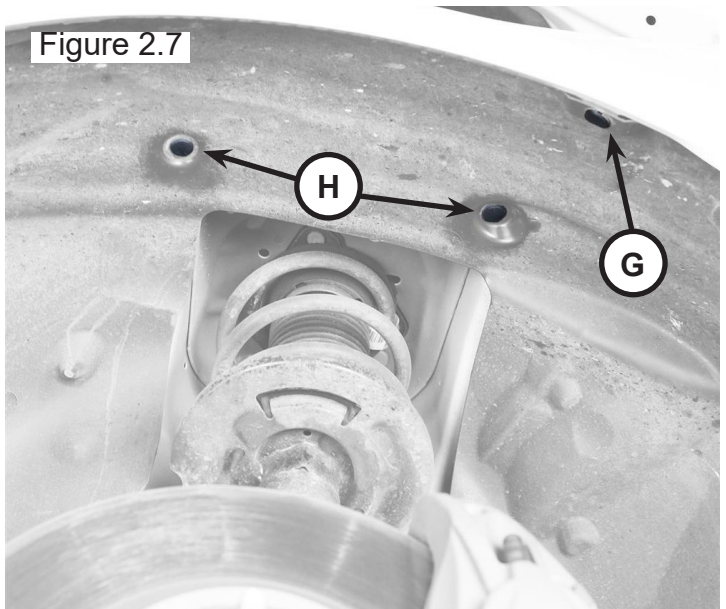
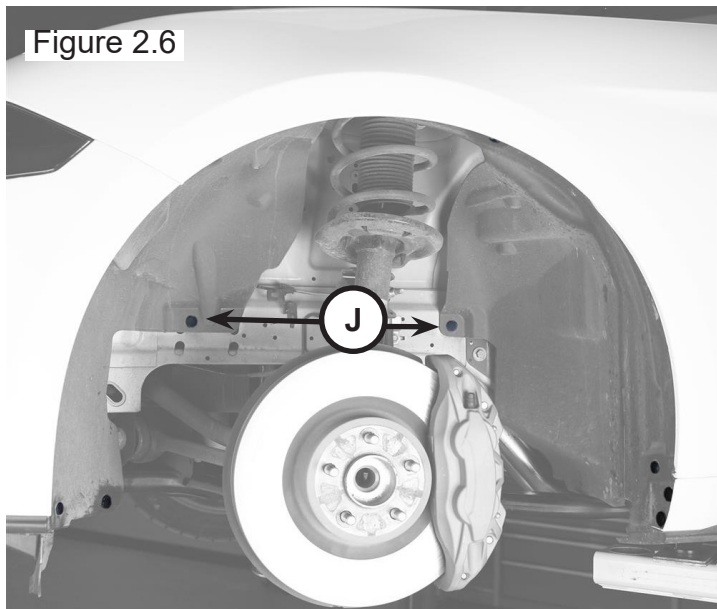
*E & F Will Be Used On The Back Side

Figure 2.4



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