



Preparation:

- Disconnect the negative battery terminal. Park the vehicle on level ground and set the emergency brake.
- We recommend reading through the installation instructions in whole before performing the work.
- Estimated Installation Time: **1 Hour if Relocating ACC as Part of a Bumper Replacement**

2 Hours for ACC Relocation Only

*****This installation requires 2 people for best results*****

You will need the following tools:

- | | | |
|-------------------------|-------------------------|-----------------------------|
| - Ratchet | - 10mm Socket | - 3/8" Drill Bit |
| - Drill | - 9/16" Socket & Wrench | - 7/32" Allen Wrench/Socket |
| - 7/16" Socket & Wrench | - T-30 Torx Socket | - T-25 Torx Socket |

Included in Kit:

- | | |
|--------------------------------------|--------------------------------------|
| 2 - Hex Head Bolts (3/8-24 x 2 1/2") | 3 - Hex Head Bolts (3/8-24 x 1") |
| 3 - Metal Lock Nuts (3/8"-24) | 6 - Button Head Bolts (3/8-16 x 1") |
| 6 - Nylon Lock Nuts (3/8"-16) | 12 - Flat Washers (3/8") |
| 4 - Machined Spacers (3/8") | 1 - Drilling Template Washer (3/8") |
| 2 - Hex Head Bolts (1/4"-20 x 3/4") | 1 - Carriage Bolt (1/4-20 x 3/4") |
| 5 - Flat Washers (1/4") | 3 - Nylon Lock Nut (1/4"-20) |
| 1 - Relocation Bracket Upper Piece | 1 - Relocation Bracket Lower Piece |
| 1 - Cruise Module Conversion Plate 1 | 1 - Cruise Module Conversion Plate 2 |

******This kit covers more than one make and model of truck. If there is unused hardware at the end of the installation, it is most likely hardware that is used on a different model truck than the installation was performed on.******

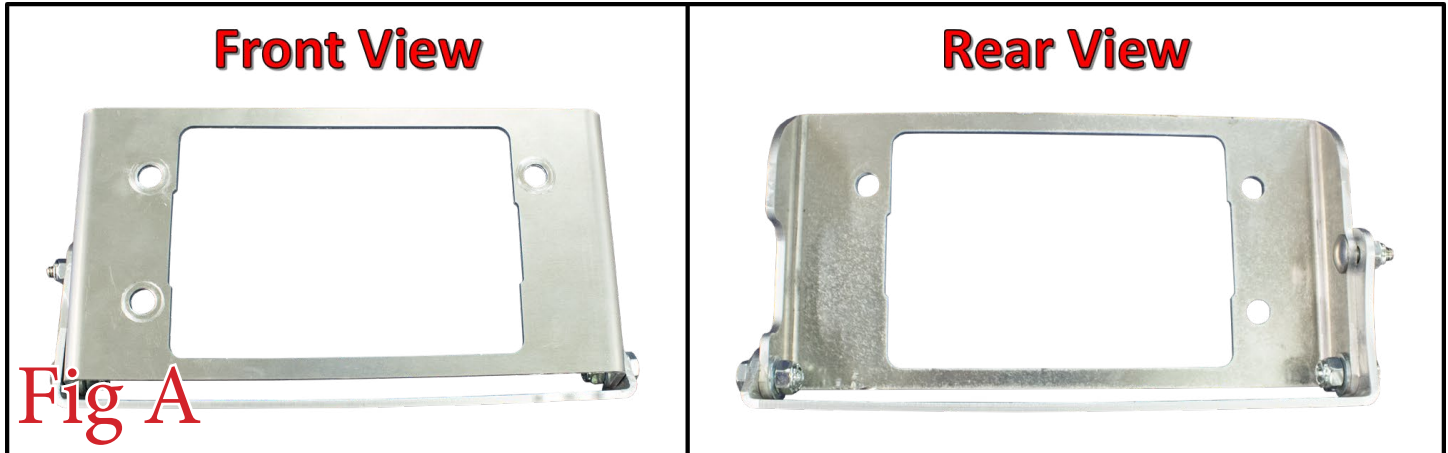
******By installing this product, you are accepting liability for potential changes in the characteristics/sensitivity of your adaptive cruise control system. If you do not wish to install this product, you may return it for a full refund.******

******After the installation of this product, your adaptive cruise control module may have to be recalibrated by a Ford technician.******

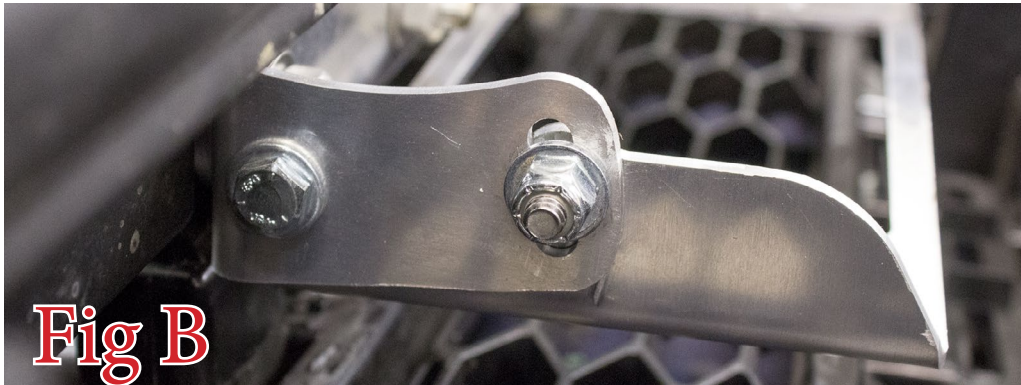


Installation:

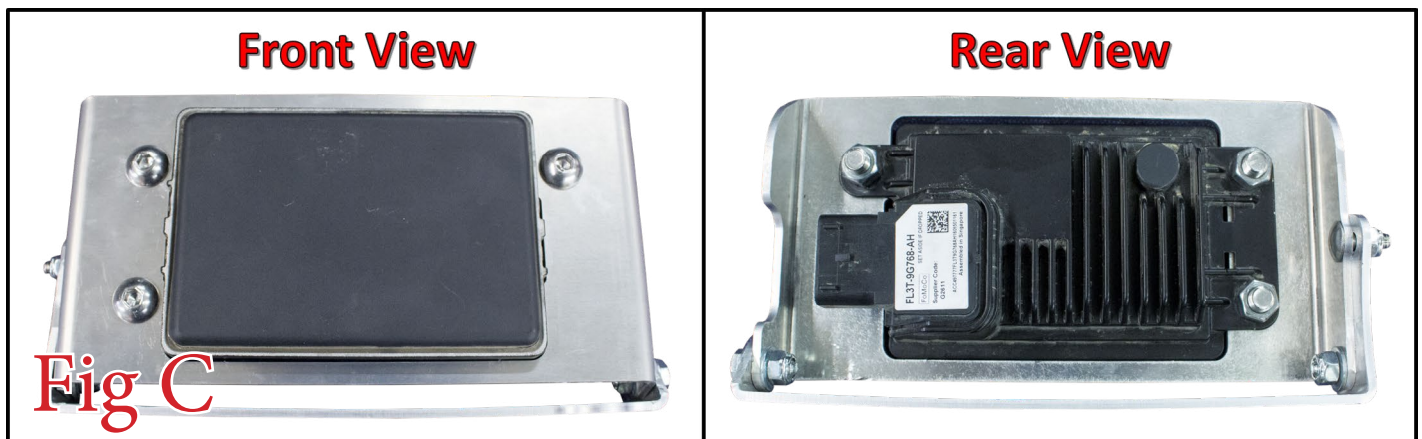
1. Assemble your Relocation Bracket. For this step, you will need a 7/16" Socket & Wrench. Use the supplied 1/4" Hex Head Bolts (x2), 1/4" Washers (x4), and 1/4" Nylon Lock Nuts (x2) on the non-slotted holes. For the slotted hole, use the supplied 1/4" Carriage Bolt (x1), 1/4" Washer (x1) and 1/4" Nylon Lock Nut (x1). (Fig A)



2. The recommended starting point for the slotted hole is center slot. (Fig K) Once everything is installed, you can adjust that to preference. Once all the mounting bolts are in place, go back and tighten them all to 8 foot pounds. (Fig B)

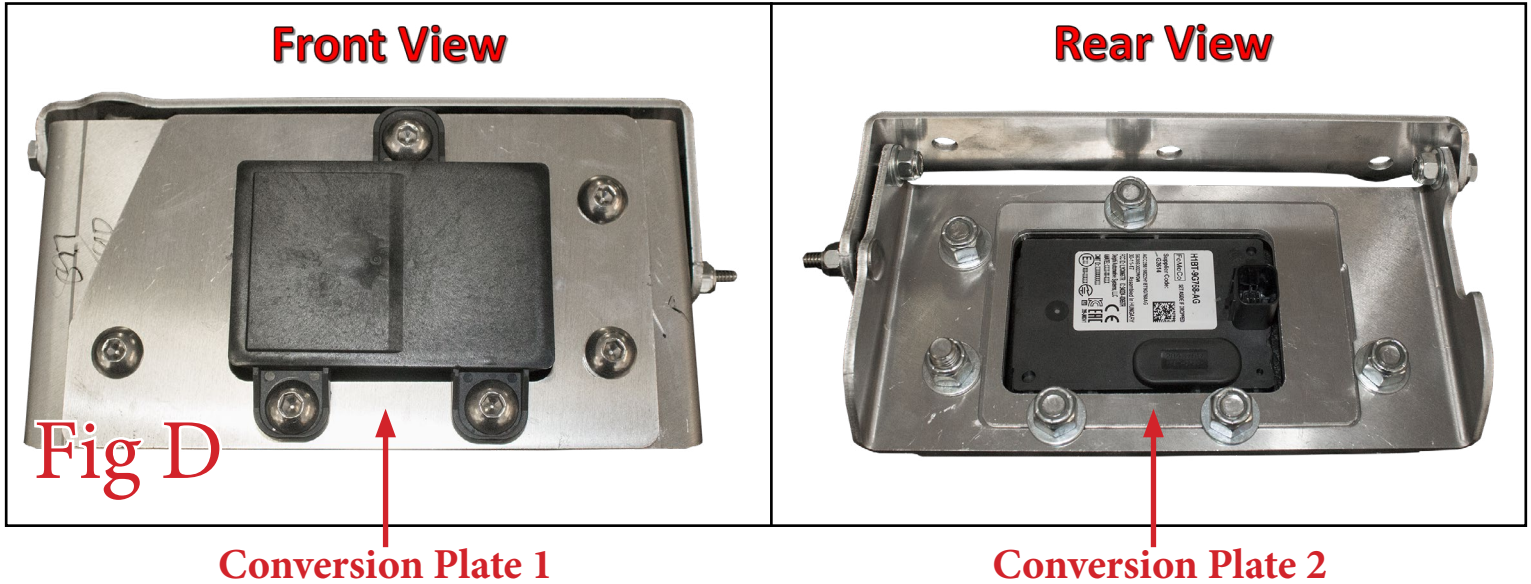


3. If your Cruise Module does not look like the one pictured in (Fig C), skip this step. Bolt your Adaptive Cruise Control Module to the Relocation Bracket. Use a 7/32" Allen Wrench and a 9/16" Wrench with the supplied 3/8" Button Head Bolts (x3) and 3/8" Lock Nuts (x3). Once all the bolts are loosely installed, torque them to 20 foot pounds. (Fig C)

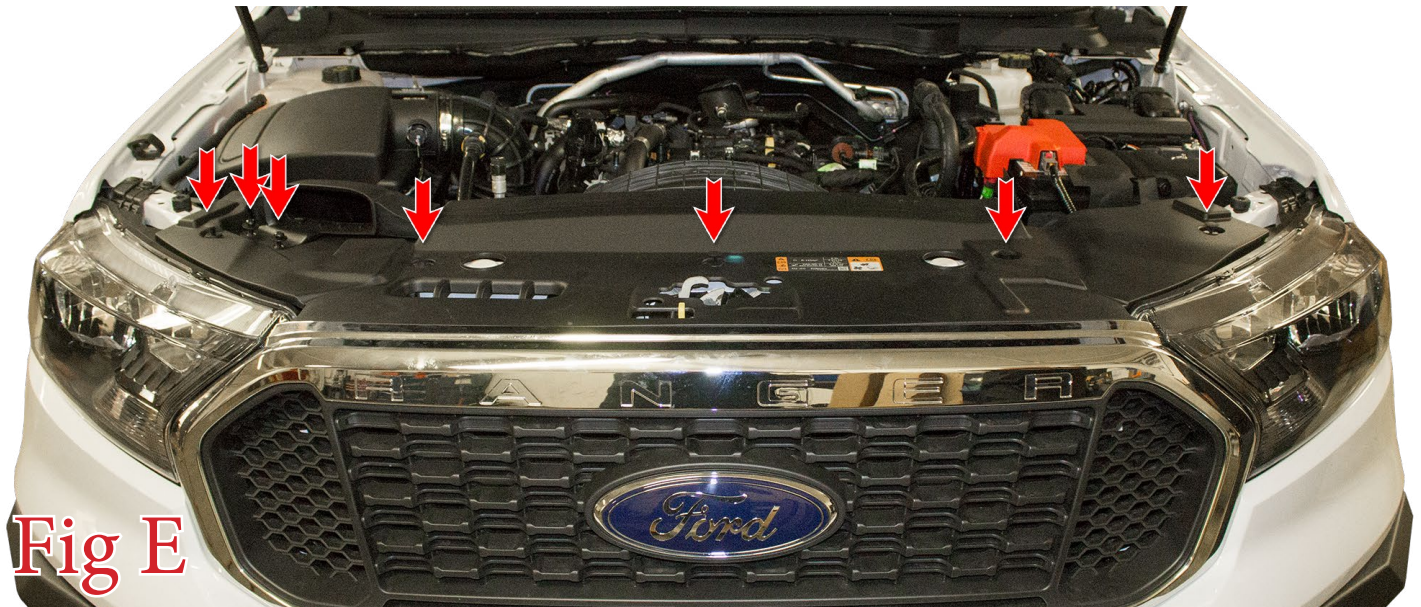




4. If your Cruise Module does not look like the one pictured in (Fig D), skip this step. Find both Conversion Plates and attach your Cruise Module to the Relocation Bracket as shown in (Fig D). Use a 7/32" Allen Wrench and a 9/16" Wrench with the supplied 3/8" Button Head Bolts (x6), 3/8" Washers (x6), and 3/8" Lock Nuts (x6). Once all bolts are loosely installed, torque them to 20 foot pounds.



5. Remove the 5 clips and two bolts that hold on the radiator cover. Then, remove the radiator cover. (Fig E)





6. Using a 10mm Socket, remove the two grille mounting bolts. ()



7. Using a T-25 Torx Socket, remove the four mounting bolts for the plastic tray that sits behind the grille. With the four bolts removed, remove that piece.





8. Pull the grille off the vehicle. There is a series of clips on the bottom side of the grille that will have to be released for you to be able to remove it. (Fig G)



9. With the plastic piece you removed in Step 7 sitting on a bench or something similar, hold the adaptive cruise bracket in the front/driver side corner of the plastic piece so that the side of the bracket is against the raised rib in the front/driver side of the piece and the front of the adaptive cruise bracket is even with the slight bump in the front of the plastic piece. With the bracket in place, make a mark at each mounting hole. (Fig H)



10. Using a 3/8" Drill Bit, drill the holes you marked in Step 9. Then, use the supplied 3/8 x 1" Hex Head Bolts (x3), 3/8" Washers (x6), and 3/8" Metal Lock Nuts (x3) to bolt the adaptive cruise bracket to the plastic piece as shown in (Fig I).





11. Reinstall the plastic piece by reversing Step 7. (Fig J)



12. Plug in your adaptive cruise control module.

13. Reinstall your grille by reversing Steps 8, 6, and 5.

14. If your adaptive cruise control is not sensitive enough or too sensitive, go back and readjust the position of the Relocation Bracket. Do this by adjusting where the bolt from Step 2 is sitting within the slotted hole. Face the module more towards the ground to make it more sensitive or face it more towards the sky to make it less sensitive.

15. Stand back and enjoy your new ADD Adaptive Cruise Control Relocation Bracket.

16. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.