



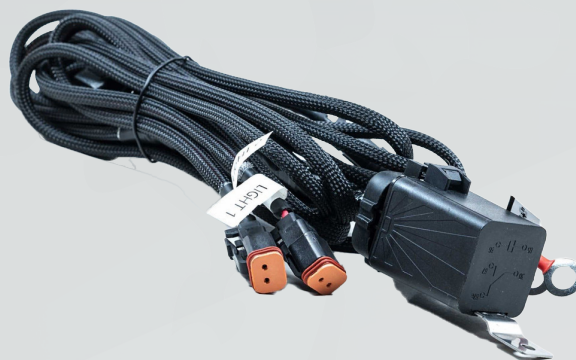
THE AUTOMOTIVE LIGHTING BENCHMARK

2021+ FORD F-150 MORIMOTO 4BANGER A-PILLAR BRACKET INSTALL GUIDE

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2X MORIMOTO 4BANGER A-PILLAR BRACKETS



1X MORIMOTO 4BANGER WIRING HARNESS

2021+ FORD F-150



REQUIRED TOOLS

- T20 TORX SOCKET or L-KEY
- IMPACT/RATCHETING WRENCH
- 10MM SOCKET
- 11MM SOCKET
- 13MM SOCKET
- 17MM SOCKET
- PAINTER'S TAPE

INSTALLATION PROCESS

1. Begin by opening the hood. Locating the hinge mechanism, remove the 13mm bolt from the rear of the hinge mount and set aside. This bolt will not be reused.



2. Moving to the top of the front quarter panel, pull the rubber cowl away from the hood to reveal an M6 bolt.



3. Using a 10mm socket and ratchet, remove this bolt and set aside. This bolt will not be reused.



4. Using some painters tape or masking tape, mask the area on the quarter panel as shown. This will keep from accidentally scratching the paint while installing the brackets.



5. Locating the correct bracket, carefully slide bracket behind the quarter panel into position, being careful not to scratch the paint.



6. With the bracket in place, use the M8 flanged bolt (included in the kit) and place it through the bracket, threading into where the hinge bolt was removed. Begin threading bolt into place but do not fully tighten at this time.



7. Place the support bracket (included in the kit) into place by pulling back the rubber cowl and placing over bolt mounting location, checking that orientation matches as shown.



8. Place M6 flanged bolt (included in kit) into hole and loosely tighten bolt.



9. Aligning the support bracket and A-pillar bracket mounting hole, begin to tighten the M6 flanged nut until snug. Verify that alignment has not shifted and fully tighten bolt with 10mm socket and ratchet.



10. With holes aligned, place M6 Torx head screw through both brackets as shown. On the opposite side, slide the M6 washer and locking nut onto the bolt.



11. Using a T30 Torx tool and 10mm socket/wrench, tighten A-pillar bracket to support bracket until snug.



12. With support in place and A-pillar bracket properly seated, fully tighten all remaining bolts. Installation of the A-pillar brackets is now complete. Masking tape can be removed at this time.



13. Starting with the U-bracket kit, place carriage bolt through the U-bracket. This must be done before inserting 4Banger pod onto U-bracket.

NOTE: It may be useful to install nut temporarily to keep carriage bolt from falling out during assembly.



14. Insert one of the 4Banger pods into the U-bracket with orientation as shown. Align the holes and place M6 Torx head bolt (included with U-bracket kit) into the pod. Do the same one the other side and tighten bolts using T30 Torx tool.



15. Now place the assembled pod onto the A-pillar bracket. This is done by placing the carriage bolt through the hole on the A-pillar bracket and securing with the included washer and locking nut. Make sure the carriage bolt is seated flush against the U-bracket before tightening



16. Holding the pod with one hand, use a 17mm wrench and begin tightening the nut, making sure to adjust the U-bracket to desired position (left/right) before fully tightening.



17. Route the cable behind the pod and into the engine bay by tucking the cable underneath the rubber from the cowl, like shown below.



18. The installation of the 4Banger pods is now complete.

