

5TH GEN 4RUNNER - ASSEMBLY INSTRUCTIONS



PART NUMBER	DESCRIPTION	QUANTITY
A	¼"-20 X 1" MACHINE SCREW	40
B	¼" LOCK WASHER	40
C	¼" FLAT WASHER	40

STEP 1 – LAY OUT THE SIDE RAILS AND CROSSBARS USED IN THE RACK ASSEMBLY (FIGURE 1.1).

STEP 2 – USING THE CROSSBAR HARDWARE (FIGURE 1.2), INSTALL THE CROSSBARS TO THE SIDE RAILS (FIGURE 1.3), LEAVING THE FURTHEST FORWARD CROSSBAR OUT FOR THE FRONT MOUNTS.



FIGURE 1.1

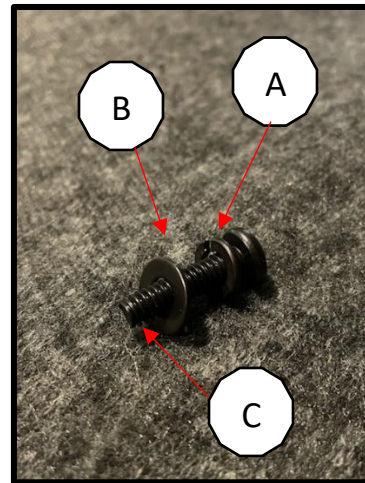


FIGURE 1.2



FIGURE 1.3

FRONT DEFLECTOR PARTS LIST

PART NUMBER	DESCRIPTION	QUANTITY
B	¼" LOCK WASHER	10
C	¼" FLAT WASHER	10
D	¼"-20 X ½" MACHINE SCREW	10
E	10 SERIES TNUT (1/4"-20)	10

STEP 1 – INSTALL THE WIND DEFLECTOR HARDWARE AS SHOWN BELOW IN FIGURE 2.1. THREAD THE MACHINE SCREWS SLIGHTLY INTO THE TNUTS.

STEP 2 – LAY THE DEFLECTOR UPSIDE DOWN ON A FLAT SURFACE (FIGURE 2.2) AND FEED THE TNUTS THROUGH THE EXTRUSION AS YOU SLIDE IT DOWN THE DEFLECTOR.

STEP 3 – NOW THAT THE NUTS ARE ALL FED THROUGH THE EXTRUSIONS, TURN THE ASSEMBLY OVER AND TIGHTEN THE MACHINE SCREWS UNTIL THE LOCK WASHERS ARE COMPRESSED (FIGURE 2.3).

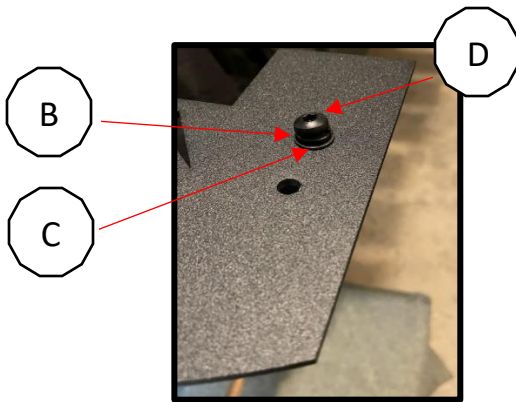


FIGURE 2.1

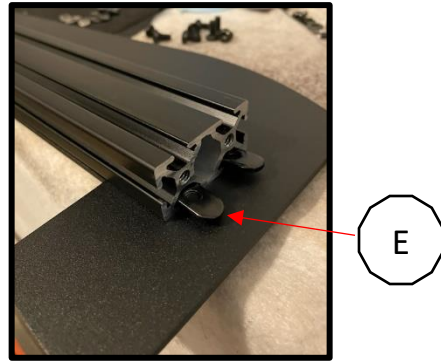


FIGURE 2.2



FIGURE 2.3

STEP 4 – THE WIND DEFLECTOR IS NOW READY TO BE BOLTED TO THE ROOF RACK

STEP 5 – MOUNT THE FRONT MOUNTS TO THE REMAINING CROSSBAR USING THE SUPPLIED HARDWARE IN THE ORIENTATION WITH THE WELDNUTS FACING INWARD (LOCTITE IS RECOMMENDED FOR THESE BOLTS). LEAVE THE MOUNTS SLIGHTLY LOOSE TO ALLOW SIDE TO SIDE ADJUSTMENT ONCE PLACED ON THE VEHICLE.



FIGURE 3.1

STEP 6 – MOUNT THE CROSSBAR CONTAINING THE FRONT MOUNTS TO THE FURTHEST (2) HOLES ON THE SIDE RAILS USING THE REMAINING CROSSBAR HARDWARE.

STEP 7 – APPLY A DIME SIZED AMOUNT OF RTV SILICONE OVER THE (8) HOLES ALONG THE ROOF AND PLACE THE ALUMINUM SPACERS ON TOP, ENSURING THEY ARE SEATING PROPERLY IN THE CHANNEL. THE RACK IS NOW READY TO BE PLACED ON THE VEHICLE. (SEEK HELP LIFTING THE RACK ON THE VEHICLE TO AVOID INJURY OR DAMAGE TO THE RACK OR VEHICLE, MARTIN OFFROAD IS NOT LIABLE FOR ANY DAMAGES DURING THE INSTALATION OF IT'S PRODUCTS)

STEP 8 – START THE (8) BOLTS INTO THE CAB AND ENSURE THE RACK IS SQUARE, YOU CAN THEN ADJUST THE FRONT MOUNTS SIDE TO SIDE TO LINE UP WITH THE CHANNEL AND TIGHTEN THEM DOWN TO THE SUPPORT CROSSBAR.

STEP 9 -- MARK THE WEATHER STRIPPING WITH A SHARPIE ON EITHER SIDE OF THE FRONT MOUNTS AND REMOVE THE FRONT SECTION OF WEATHER STRIPPING. REMOVE THE SECTION OF WEATHER STRIPPING YOU JUST MARKED OFF TO ALLOW THE FRONT MOUNTS TO SIT IN THE CHANNEL.

STEP 10 – (TWO PEOPLE MAY BE REQUIRED FOR THIS STEP) LIFT UP ON THE FRONT OF THE RACK WHILE PUSHING DOWN ON THE BOTTOM OF THE FRONT MOUNTS, EXTENDING THE FRONT MOUNTS AND TIGHTEN IN PLACE. (FIGURE 3.1)

STEP 11 – YOU CAN NOW RE-INSTALL THE CUT WEATHER STRIPPING SECTIONS (NOTE: DOUBLE SIDED TAPE CAN BE USED AS NEEDED TO SECURE THE WEATHER STRIPPING IN PLACE)

STEP 12 – DOUBLE CHECK THAT ALL FASTENERS ARE TIGHT AND SECURE. YOU ARE NOW READY TO ENJOY YOUR NEW RACK! (IT'S RECOMMENDED TO CHECK FASTENERS AFTER 100 +/- MILES)