

TITLE: NISSAN KICKS PARTITION INSTALLATION-2025

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FUNCTIONAL DEPARTMENT: ENGINEERING	APPROVED BY: M.MCQUELLAND	DATE APPROVED: 02/12/2025

STANDARD WARNINGS:

- READ WORK INSTRUCTIONS IN ENTIRETY BEFORE STARTING
- CHECK THAT YOU ARE PROPERLY CLEAR OF GAS TANK AND WIRES BEFORE DRILLING
- CONTACT ENGINEERING IF QUESTIONS ARISE OR DOCUMENT NEEDS TO BE UPDATED
- FOLLOW ALL LISTED OEM SYSTEM FUNCTIONALITY CHECKS AFTER INSTALL.

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PART IDENTIFICATION / BOM:

PART #	DESCRIPTION	QTY
02T321	SUPPORT ASSEMBLY NK	1
02T322	LOWER FRAME ASSEMBLY NK	1
02T323	LEFT LOWER BRACKET NK	1
02T324	RIGHT LOWER BRACKET NK	1
02T325	SIDE REINFORCEMENT ASSEMBLY NK	2
02T326	REAR SEAT BRACKET NK	4
02T327	UPPER ASSEMBLY NK	1
02T328	CENTER REINFORCEMENT NK	1
02T373	HARDWARE BAG NISSAN KICKS PRTN	
RM511464	1/4 - 20 X 1.75 HHC SCREW	22
RM511458	1/4 - 20 X 1.00 HWHM SCREW	8
RM520312	1/4 - 20 ESH NUT (NYLOC)	30
RM541013	1/4 WASHER FLAT	52
RM510416	5/16 - 18 X 1.00 HHC SCREW	4
RM541081	5/16 WASHER FLAT	4

TOOLS REQUIRED:

- IMPACT
- AIR RATCHET (IF REQUIRED)
- 7/16" SOCKET 3/8dr.
- 7/16" WRENCH
- 1/2 SOCKET
- 1/2 WRENCH
- T50 TORX SOCKET BIT
- LARGE FLAT HEAD SCREWDRIVER or EQUIVALENT (IF REQUIRED)

PROCESS:

- Check the Vehicle Production Order (VPO) for VIN, parts, and hardware. If something is not correct or missing, let a lead or supervisor know as soon as possible. (Example: if the VIN of the vehicle does not match with the VIN number on VPO.)

NOTE: DO NOT DRILL OR INSTALL ANY ITEMS IN THE VEHICLE UNTIL THE CORRECT PAPERWORK IS WITH THE VEHICLE

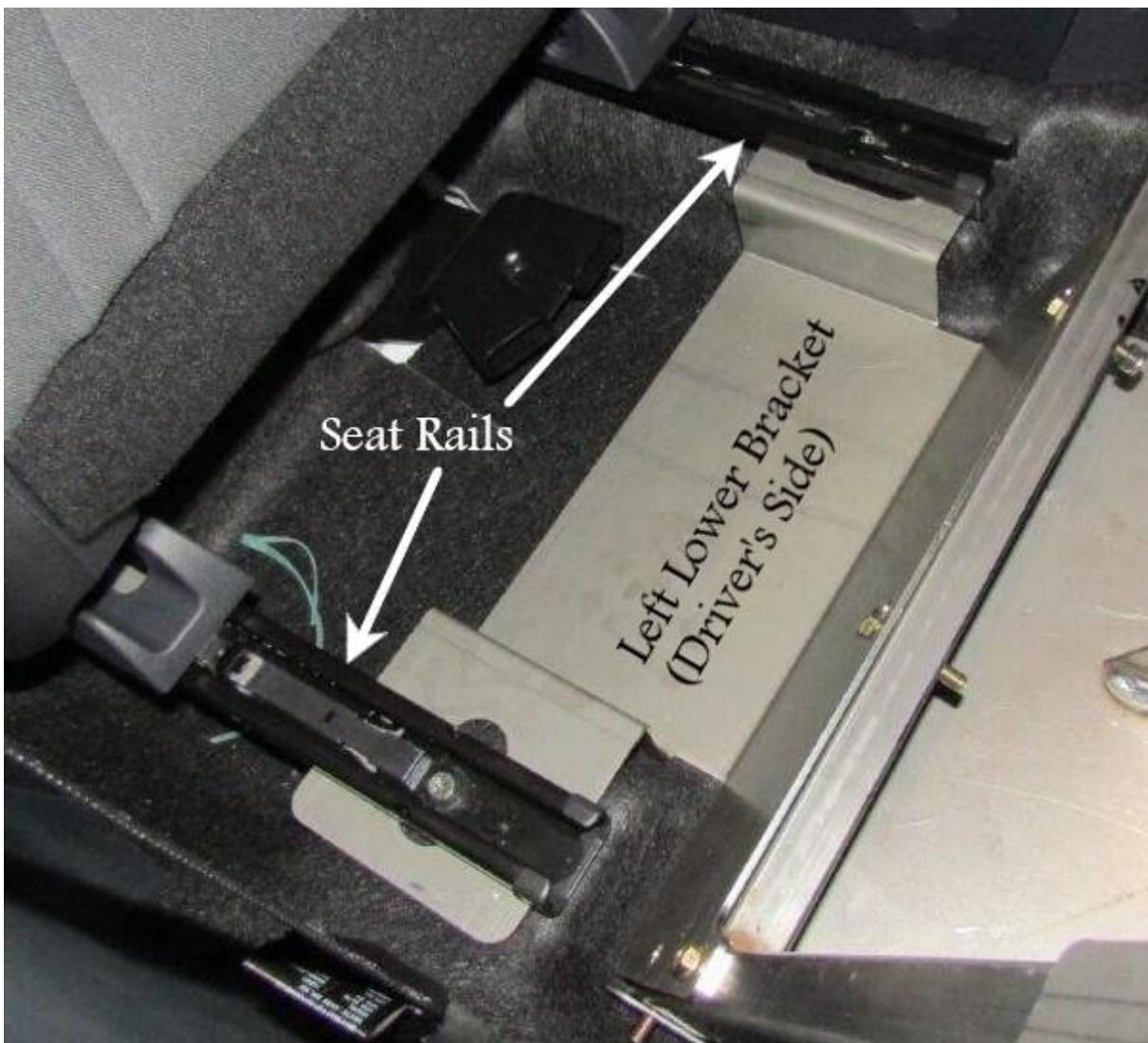
- Check the parts that are to be installed to make sure they are listed on the VPO
- Once all items have been checked, proceed for installation. Locate the above-listed items and the necessary tools to complete the installation.

VEHICLE PREPARATION:

- Slide the front seats as far forward as possible.
- Remove the rear seat and set it aside. Large flathead screwdriver may help with seat removal (pertaining to seat clips) There is (1clip) per side on bench seat that needs to be released before seat can be removed.
- Using the T50 Torx bit, remove the (4) front seat rear bolts only, on the seat rail and set them aside. Do not discard.

MOUNTING THE LOWER BRACKETS:

- After vehicle preparation is complete, slide the Left Lower Bracket NK (02T323) under the driver side seat rails as shown in the figure below:

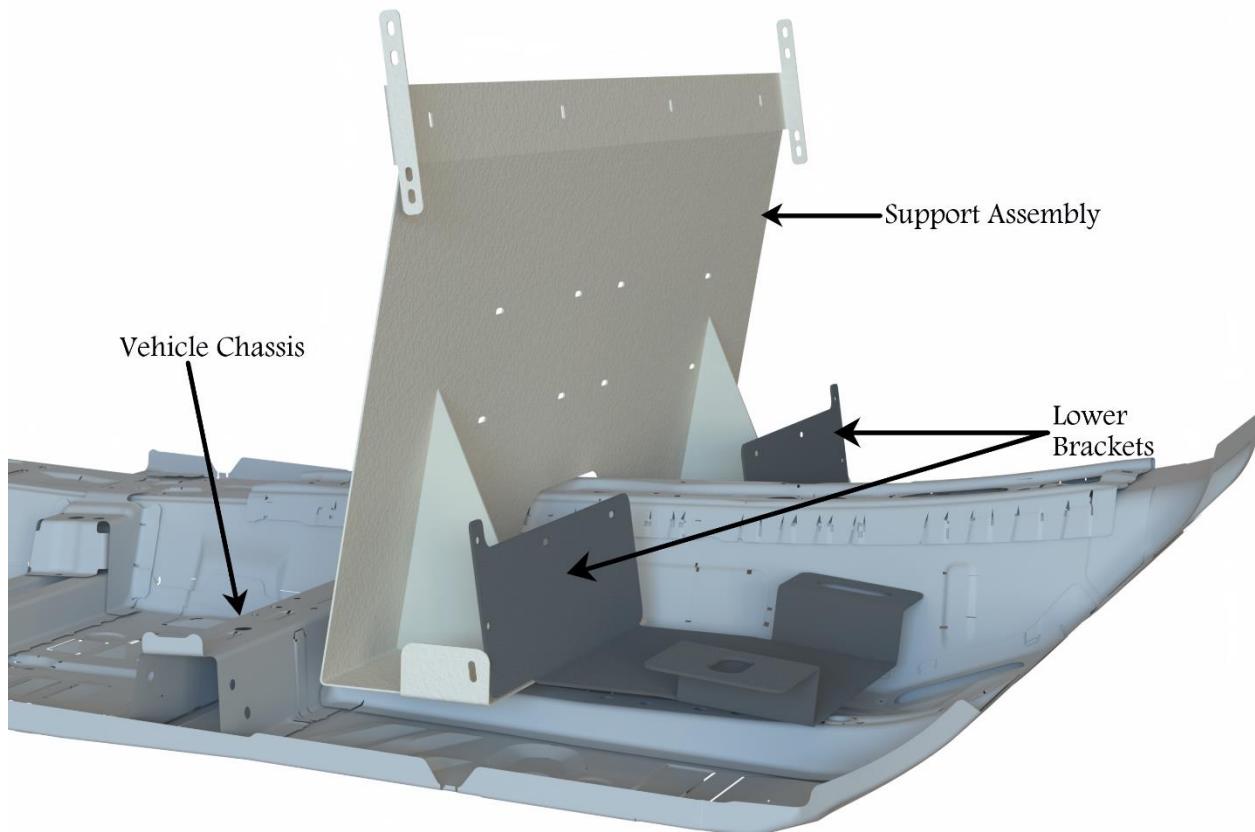


NOTE: THE BRACKET IN THE IMAGE IS ONLY FOR REFERENCE. THE ACTUAL BRACKET MAY SLIGHTLY DIFFER.

- Align the holes and loosely fasten them with the seat bolts, removed previously. Repeat the procedure for the Passenger side.
- At this point of the installation, 2nd person will be required to assist with the rest of the assembly.

MOUNTING THE SUPPORT ASSEMBLY:

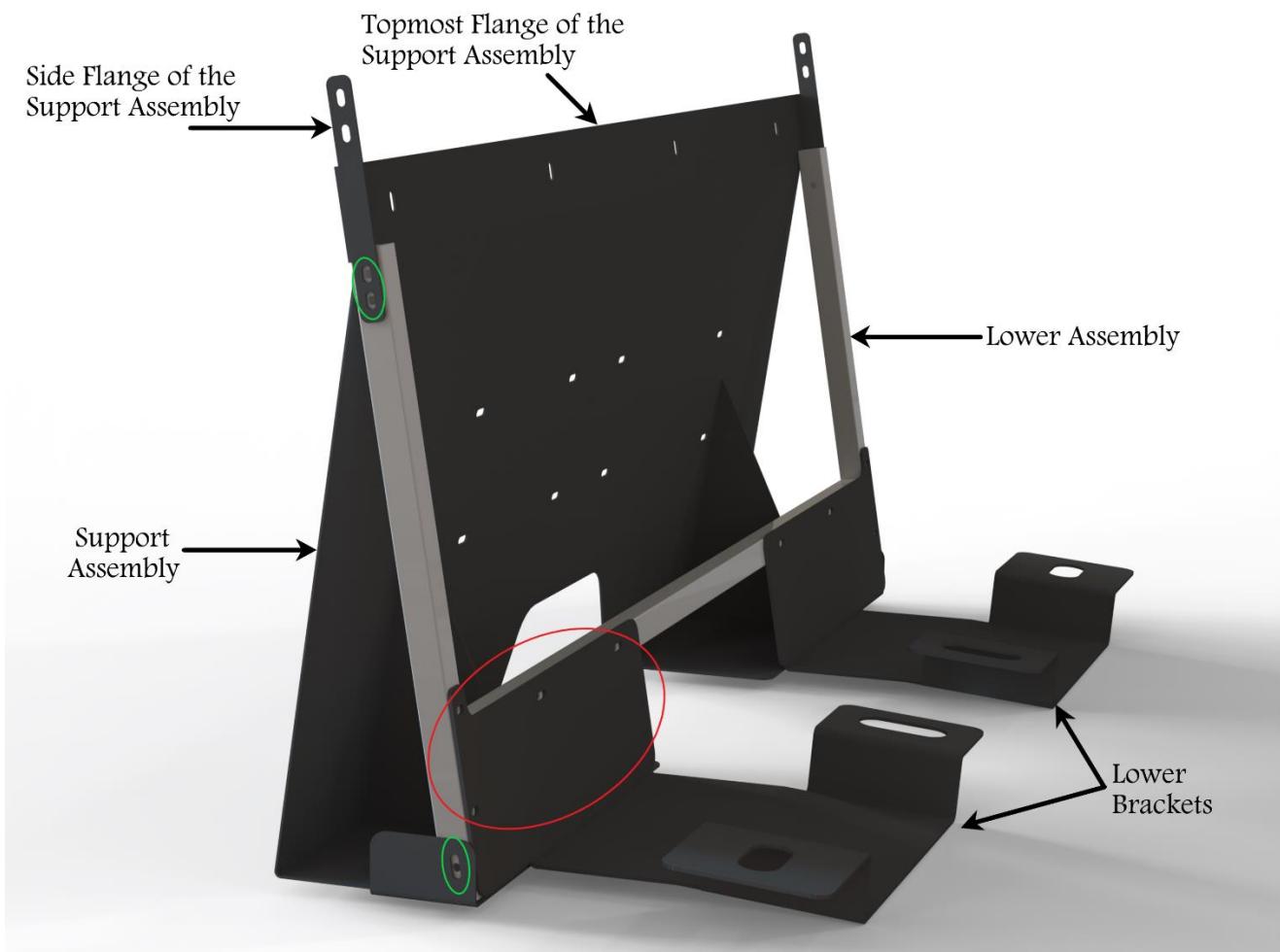
- Install the support assembly NK (02T321) between the 'vehicle chassis under the rear seat' and the lower brackets as shown in the figure:



- Tilt it forward if needed and slide it down to easily install it.

MOUNTING THE LOWER FRAME:

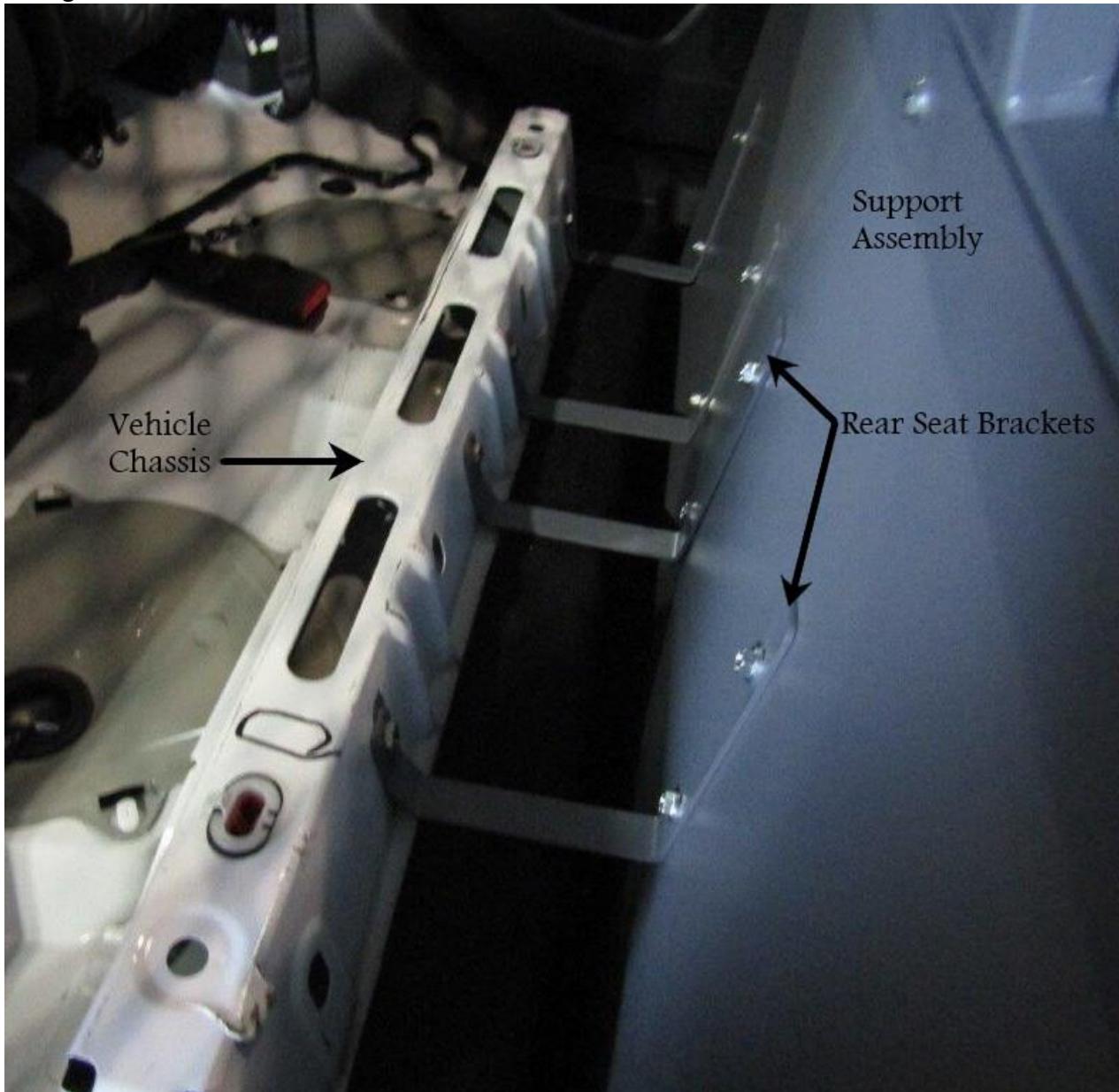
- After mounting the lower brackets and support assembly, place the Lower frame assembly (02T322) parallel to the rear flange of the lower brackets.
- Match the lower holes and upper holes of the lower frame assembly with the support assembly's side flanges (circled in green) and let it rest on the uppermost flange of the support assembly as shown in the figure below:



- Loosely fasten the upper holes with $\frac{1}{4}$ - 20 X 1.75 bolt (RM511464) and respective washer (RM541013) and nuts (RM520312).
- Match the lower holes of the lower frame assembly with support assembly (circled in green) and the lower seat brackets (circled in red) and tightly fasten them with the same $\frac{1}{4}$ " fasteners (RM511464, RM520312, and RM541013) using a 7/16" socket and 7/16" wrench.
- Make sure to put the washers (RM541013) on both the bolthead and the nut side.
- You can now tighten the front seat bolts. **NOTE: AFTER TIGHTENING THE SEAT BOLTS, USE A TORQUE WRENCH AND TORQUE THE (4) REAR SEAT BOLTS TO (30ft.lbs.)**

MOUNTING THE REAR SEAT BRACKETS:

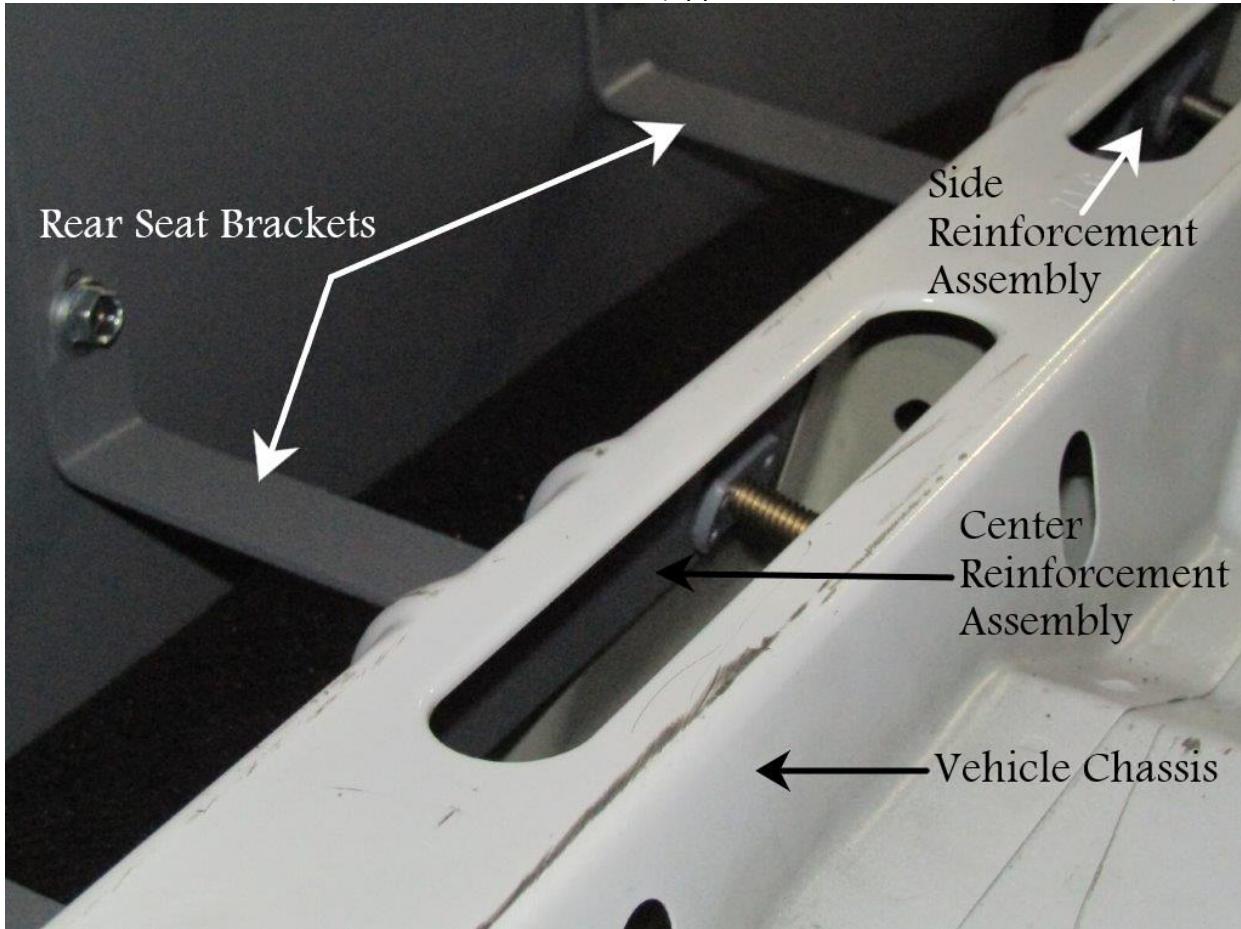
- Install the rear seat brackets NK (02T326) between the support assembly (02T321) and the vehicle's chassis under the rear seat.
- The longer end with two holes faces the support assembly and the shorter end with one hole faces the vehicle chassis.
- Match the holes with the support assembly and the slots in the vehicle chassis as shown in the figure below:



- Loosely fasten the brackets with the support assembly using $\frac{1}{4}$ -20 X 1.00 HWHM bolt and respective washers (RM541013) and nuts (RM520312).
- Put the washer on the nut side. Bolt head side does not require a washer.

INSTALLING THE REINFORCEMENT ASSEMBLIES:

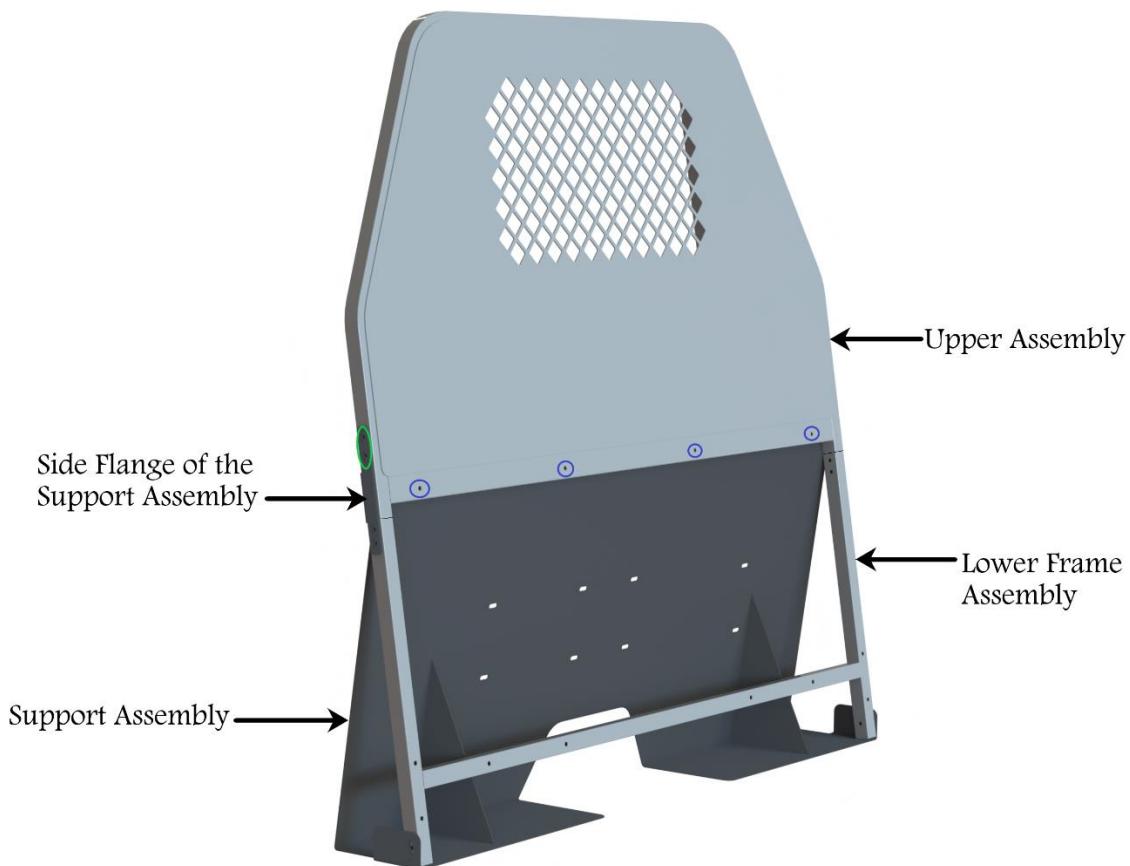
- Take one of the side reinforcement assemblies NK (02T325) and slide it inside the vehicle chassis under the rear seat through the slots on the top surface of the chassis.
- The side reinforcement assembly is meant only for the right-most and the left-most rear seat bracket.
- The weld nut faces the rear side of the vehicle (opposite direction to the seat brackets).



- Match the hole of the reinforcement assembly with the hole of the seat bracket and fasten them using 5/16-18 X 1.00 bolt (RM510416) passing through the weld nut on the reinforcement assembly and 5/16 washer (RM541081) towards the bolthead side. Use $\frac{1}{2}$ " wrench or socket for fastening.
- Repeat the same procedure with the rear seat bracket on the other side and fasten them tightly by holding the reinforcement plate.
- Finally, install the center reinforcement assembly NK (02T337) in a similar way matching with the holes of (2) rear seat brackets in the center.
- You can now tightly fasten the rear seat brackets with the support assembly.

MOUNTING THE UPPER FRAME:

- Carefully place the Upper assembly NK (02T327) on top of the lower frame assembly NK (02T322) with the panel partition facing towards the front.
- Rest the upper assembly on the topmost flange of the support assembly. Hold it in the position while loosely fastening it with $\frac{1}{4}$ - 20 X 1.75 bolt (RM511464) and respective washers and nuts with the side flanges of the support assembly NK (02T321) (circled in green).
- Match the holes on the lower horizontal tube in the upper assembly (circled in blue) with the topmost flange of the support assembly (refer to the image in installing the lower assembly) as shown in the figure below and tightly fasten them:



NOTE: YOU WILL NEED ONE PERSON TO ASSIST YOU IN INSTALLING THE UPPER ASSEMBLY. DO NOT TRY TO INSTALL IT ALONE, SINCE IT CAN CAUSE POSSIBLE INJURIES OR DAMAGE TO THE VEHICLE.

- Now you can tightly fasten all the remaining fasteners and install back the rear seat.

Your frame and brackets are assembled!