

TKOSROD1289K 5TH GEN VIPER RACING HARNESS MOUNT KIT WITH BELT

INSTALLATION INSTRUCTIONS
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Prior to any work being done, it is recommended to use collision tape or some other protective cover in area where work will be done to minimize possibility of damage. Vipers are very compact vehicles, drivers compartment especially. Working in the driver's compartment area requires patience, special skills and tools.

STEP 1. Removing factory seat from car: Slide the seat forward as far as possible and adjust the seatback forward as far as possible. You will now have access to the electrical plug. Disconnect the plug then, remove aft nuts on the seat track.

STEP 2. Remove the seat belt buckle from the side of the seat using a T50 male torx. Do not discard the buckle, it will be used later.

STEP 3. Installing the floor harness mount (TKOSROD1289K): You must remove the white sound deadening that is under that carpet. As well as the sound deadening around the factory retractable seat belt area. **YOU DO NOT HAVE TO REMOVE THE CARPET COMPLETELY TO DO THIS.** Simply pull the carpet up, reach under and pull out the white sound deadening. The sound deadening is glued in and should pull away from the underside of the carpet. Removing the sound deadening allows better clearance when installing the lap belt mounting.

STEP 4. At this time, you can install the shoulder belt harness. Behind the driver and passenger seats, you will see a plastic cover on the back firewall approximately at driver or passenger shoulder height. Remove this cover and you will see either two eyelets or metal eyes bolted down to the rear firewall upper crossmember. Remove the eyelets and/or the metal eyes, as you will not need these for the installation of the shoulder harnesses. Now, install the red 2-bolt, ¼ inch thick metal plate that was in your installation kit. The red ¼ inch metal plate is installed first and spaces off the firewall crossmember. The red 2-bolt, ¼ inch thick spacer is installed so the shoulder harnesses don't bind up and cause undo wear. Use the 7/16 bolts included in your kit with Loctite blue 242 to install shoulder the harnesses.

STEP 5. Now that you have removed the sound deadening (see STEP 3) and installed the shoulder harnesses (see STEP 4), you can now install the lap belt and sub harnesses onto the harness floor mount. Doing this on a bench outside of the vehicle is much easier. Use the bolts and lock washers provided in the harness floor mount hardware kit.

STEP 6. Now, install the factory seat back in car. **THIS IS JUST A TEST FITMENT SO YOU DO NOT HAVE TO FINAL TORQUE ANY FASTENERS AT THIS TIME.** Now install the harness floor mount bracket. Make sure the factory seat is fully forward so that you can gain access. With the harness floor mount installed temporarily, the harness floor mount is equipped with (2) extra mounting holes that will require (2) .375" dia holes to be drilled. (2) holes are located at rear of the harness floor mount; this is where you will drill through. With the seat installed in the vehicle and the front mounting factory seat mount bolts snug, you can now drill the (2) 375" holes through floor pan (it will be necessary to have access to the underbelly of the car to correctly install. ACR model Vipers: make sure to remove the front bolts on the diffuser belly pan and pull away from the belly of the vehicle prior to drilling mounting holes. ACR models require some clearance on the diffuser belly pan so that the secondary mounting bolts and washers can be installed.)

STEP 7. With the qty (2) .375 holes drilled, you will be able to install the 8mm x 1.25 nut plates provided in the installation hardware kit (black metal plate with stud) during the final assembly.

STEP 8. Driver harness fitment: It is not necessary to install the seat completely in the vehicle at this time, you are simply trying to determine the correct length of the lap belts, sub belts and shoulder harnesses with the driver and/or passenger seated. Adjust the belts as necessary. With the driver or passenger seated, you should be able to pull tight on the lap belt and shoulder harnesses. The harnesses should be tight and allow very little movement of the driver or passenger when correctly adjusted. The sub belt should be tight but not too tight. Adjustment of the sub belts and lap belts can only be done with the seat removed.

STEP 9. With the racing harness all adjusted correctly and the (2) .375 holes drilled for mounting the harness floor mount, you can now proceed with the final installation of the racing harness.

STEP 10. For the factory seat belt buckle you will need to install TKOSROD1304K 5TH GEN VIPER SEAT BELT SIMULATORS. A seat belt simulator was included in your hardware kit. You will not install the factory seat belts in your Viper, you will simply wrap up your factory seat belt buckle with the belt simulator installed in the seat belt buckle then plug the factory buckle back into the wire harness and tuck it behind your seat in a secure area that won't interfere with the function of the harnesses. Zip ties are a great way to keep the factory seat belt buckle nice and tightly wrapped and secure.

STEP 11. Install the factory seat back into your Viper. Don't forget to plug the seat memory sensor back into the wire harness. Install the harness floor mount at the same time you're installing the seat. With the (2) .375 holes drilled, you will be able to install the 8mm x 1.25 stud plates provided in the installation hardware kit (black metal plate with stud). The 8mm stud plates install from under your Viper with the stud facing up. You will install the nut on the 8mm stud plates on the inside of your Viper. Loosely install all nuts and bolts on the factory seat mount and harness floor mount until you have installed every fastener. Once all of the fasteners have been loosely installed and the harness adjustments are made correctly, tighten all of the fasteners to the correct torque spec.

STEP 12. Final check: After you done with your installation, go back over every fastener and check to make sure you have correctly tightened each one. Do one more final check of the harness fitment with the driver and/or passenger seated in the vehicle. The belts should be loose when you get in and buckle. Once buckled, you should be able to pull the lap belt and shoulder harnesses tight to limit any movement.