

TKOSROD12416K 3RD, 4TH, 5TH GEN VIPER RACING BRAKE LINE KIT WITH HEAT SHIELDING

INSTALLATION INSTRUCTIONS
TKOMOTORSPORTS.COM

DISCLAIMER OF WARRANTY AND LIMITATION OF LIABILITY

Due to the intended use of high-performance products, TKO Motorsports LLC. products and each part thereof, are sold "AS IS" and with all faults. To the fullest extent allowed by law, TKO Motorsports LLC. makes NO written, oral, expressed, or implied statement of warranty or guarantee on any product or part sold. TKO Motorsports LLC. will not be liable for any direct, indirect, incidental, consequential, or special damages, including but not limited to, damage, injury, loss of life, loss of property or equipment, loss of profits or revenue, or claims from any individual or entity arising from the use of any TKO Motorsports LLC. product.

RACING IS A DANGEROUS ACTIVITY AND PURCHASERS OF TKO MOTORSPORTS LLC. PRODUCTS ACKNOWLEDGE THE INHERENT RISKS ASSOCIATED WITH RACING. TKO MOTORSPORTS LLC. MAKES NO REPRESENTATIONS THAT ITS PRODUCTS CAN REDUCE OR ELIMINATE ANY SUCH RISK. TKO Motorsports LLC. products are NOT FOR STREET, HIGHWAY, OR AIRCRAFT USE and are intended ONLY for race vehicles operated on closed-course facilities or racetracks with appropriate supervision of qualified technicians or mechanics to ensure that the safety needs of the race driver and others are met. TKO Motorsports LLC. products could be combined with other products or parts which may not be suitable and could adversely affect performance of other race parts or products in or on the vehicle. The user or installer shall determine the ultimate suitability and safety of the product for its intended use, and the user and installer assume all responsibility and risk in connection therewith.

Prior to any work being done, it is recommended to use collision tape or some other protective cover in area where work will be performed to minimize possibility of damage.

STEP 1. TKO Motorsports recommends that if you are in any doubt, this kit should be fitted by a qualified mechanic.

STEP 2. Raise and support your Viper in a correct and safe manner. If you are in doubt of how to do this, consult with a professional.

STEP 3. Remove the existing brake lines (as per manufacturers recommended method). Avoid having the brake fluid come in contact with any painted surfaces. Immediately use a damp rag to remove any brake fluid that has come in contact with any painted surfaces.

STEP 4. Note all of the banjo fittings and fitting block positions on the factory brake lines.

STEP 5. Ensure all sealing surfaces are clean and in good condition.

STEP 6. Starting from the caliper and following the path of the original line(s). Always use the new crush washers supplied with the kit. Ensure all locating tab(s) and mounting bracket(s) are properly attached to their mating points on the frame or the chassis and are not introducing tension on either end of the brake line connection. (3RD and 4TH Gen Vipers may require some extra fitting of the brake line tabs and mounting brackets).

STEP 7. DO NOT FULLY TIGHTEN THE BANJO BOLT(S) OR THE THREADED LINE ENDS UNTIL **STEP 8** IS COMPLETED.

STEP 8. TKO Motorsports racing brake line kits are designed to replace the original brake lines. Check the brake line(s) for clearance and the correct lengths. The brake lines must be installed without any twists or kinks. Full travel of the suspension and steering must be checked and verified that there is sufficient slack in the brake lines and no stress is induced on the brake lines.

STEP 9. Tighten all of the banjo bolts and the threaded fittings. Torque specifications are as follows:

Banjo Bolts: 16ft.lbs./22Nm

Threaded Fittings: 12ft.lbs./17Nm

STEP 10. Bleed the brake system using the manufacturers recommended method and the correct brake fluid.

STEP 11. CHECK ALL OF THE BRAKE LINE FITTINGS FOR ANY LEAKS. CORRECT ANY LEAKS PRIOR TO OPERATION.

STEP 12. Before testing your Viper, make a final check on the brake line(s) connections and ensure they are tight and leak free. The brake pedal should be firm at this stage. After 100 miles/160 km, re-check all of the brake line fittings and the connections to the specified torque levels.