

TKOSROD1493K 2003-2017 DODGE VIPER CAMBER CASTER LOCK OUT PLATE KIT

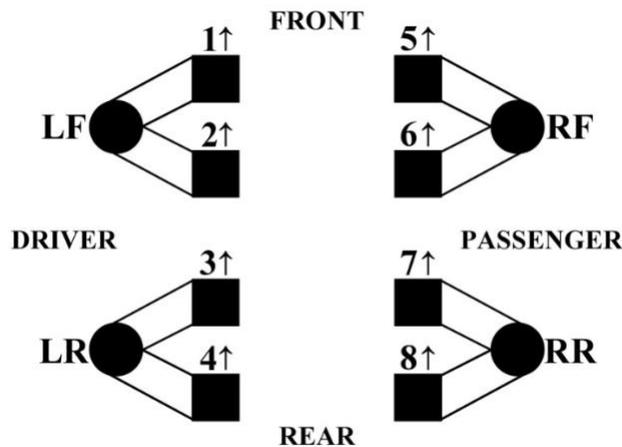
INSTALLATION INSTRUCTIONS
TKOMOTORSPORTS.COM

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.

PLACEMENT OF LOCK OUT PLATES ON LOWER CONTROL ARMS



For the following steps it will help if you use a lift, jack stands or turntables to lift your vehicle off of the ground, making it easier to move the lower control arms.

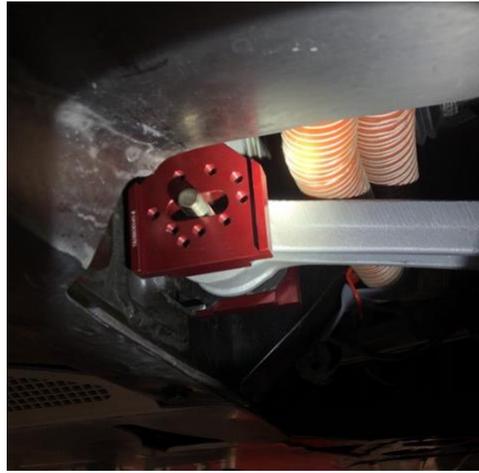
Important Note: The lock out plates have already been assembled to show how they will be positioned on the vehicle when properly installed. Make sure the arrows are pointing forward and the eccentric washers are mirrored when you begin to install them.

STEP 1: Use a 19mm wrench and socket to remove the factory control arm bolt and eccentric washer.

STEP 2: Place the lock out plate on the control arm box and slide the bolt with the welded eccentric washer through the lock out plate and control arm. Place the lockout plate on the other side of the control arm box and slide the eccentric washer onto the bolt. (**Ensure the eccentric washer is mirrored to the eccentric washer that is welded to the bolt, otherwise the adjustment holes will not align**). See pictures below.

Important note for 2013-2017 Vipers: PASSENGER SIDE AFT LOCK OUT PLATE POSITION 6

Lock out plate position 6 for 2013-2017 Dodge Vipers may require modification to the engine mount nut. Some, but not all, 2013-2017 Dodge Viper passenger side engine mounts may require modification to the engine mount forward weld nut to allow for the lock out plate adjustment. An air powered rotary file works best to provide clearance for the proper lock out plate adjustment. In severe cases, it may require complete removal of the weld nut. In this case, we have provided a new M10 bolt and nylock nut to allow for you to install the engine mount bolt as a "bolt through."



STEP 3: Use a 19mm wrench to loosely tighten the nut so that you can still turn the bolt to adjust the camber/caster. Use a wrench to turn the bolt until the eccentric washers align with a hole in the lock out plate that gives you the desired amount of camber/caster. Use a 4mm allen key and loosely thread in the adjustment bolt to hold the position. Screw the adjustment bolt in the mirrored position on the other lock out plate. **(Ensure the adjustment bolt is not tight, you may need to slightly turn the bolt to get the eccentric washer to align with hole position on other side).** Once both adjustment bolts are threaded in, tighten them, then tighten the nut on the control arm bolt. See pictures below.



INSTALLING THE LOCKOUT PLATES IN POSITIONS 2&6: In these positions, the lock out plates were designed differently to accommodate for the lack of working space. They function the same as the others and will be installed the same. However, the control arm bolt gets bolted to the eccentric plate using a 4mm allen key. Once these black bolts are screwed in, they will not need to be removed to make adjustments. You will make adjustments the same way as the others. See pictures below.



