



Innovative Design and Fabrication LLC

Volkswagen MK4 Drop Plate Installation Specifications

Proper Installation of IDF Drop Plates is crucial to the safety of your vehicle, and is recommended to be done by a qualified professional. The Drop plates mount to the rear beam of the vehicle in order to relocate the stub axle, which provide up to 23mm of vehicle drop, move the rear wheels back to center the wheels in the wheel arches, and add 2* of camber to the rear suspension. It is designed to benefit aggressively lowered vehicles and most benefits cars with air ride suspension. Please use the following instructions as a guide.

1. Access and remove the four bolts that mount the stub axle to the rear beam by first removing the brake caliper, brake disc, outer wheel bearings, and wheel hub.
2. Before mounting the drop plate to the rear beam, all threads must be clean with solvent or Brake parts cleaner, along with the surface in which the plate mounts to.
3. **Apply the supplied Loctite to the clean threads of the rear beam.**
4. Mount the drop plates by installing the M10 Flat head socket bolts into the countersunk holes of the drop plate
5. **Bolts must be torqued to 47 ft. lbs** . This torque value cannot be achieved with your standard hex key. It is highly recommended to use a torque wrench and 6mm hex socket.
6. Ensure there is enough slack for the emergency brake lines by pulling extra brake line through the hanger on the rear beam and re-secure it.
7. Reassemble the stub axle using the supplied M10 flange nuts followed by the bearing and brake assembly using factory recommended specifications.