

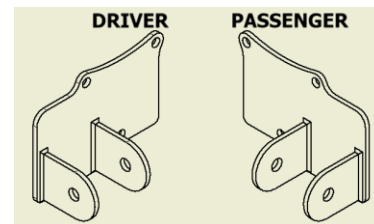
1993-2002 GM F-Body Tubular K-member SBC/BBC Motor Mounts Road Race 2324

Parts Included

Quantity	Description
1	Road Race K-Member
2	Large Washers
4	M12-1.75 x 40mm Bolts
6	Alignment Washers, offset
6	Alignment Washers, centered
2	Motor Mounts
2	1/2-13 x 4 Bolts
2	1/2 -13 conical nuts
4	1/2 SAE Washers



- Support vehicle on lift and remove front tires. If performing installation on the ground place jack stands under front sub frame letting the suspension hang freely.
- Make preparations to remove factory engine assembly if required. Loosen/Remove all required hoses, wires, fasteners, etc.
- Loosen and remove both upper ball joints from spindle.
- Locate (6) bolts attaching K-member to frame. Remove all (6) bolts while using the hoist to hold engine assembly in place.
- Remove both front brake lines from ABS unit.
- Remove K-member from vehicle leaving the A-arms, shocks and power steering rack attached. Include engine/transmission assembly if required to prepare for SBC/BBC motor installation.
- Install the supplied mounts onto the motor oriented as shown in the image designating Driver/Passenger.
- To run the SBC/BBC motor with a Carburetor and Intake/Air Cleaner, clearance of the cowl area for proper installation is required. Cutting is likely required to complete this installation. If the car is not prepped for this installation in this manner at this time, ensure a plan is decided upon before final installation.
- Installation is made easier by assembling the engine and transmission assembly, as well as the desired lower A-arms, and power steering rack onto the UMI K-member before installing into the vehicle. Tighten the mounts to the bushings on the K-member and grease bushings.
- There are (2) washers included with the K-member. These washer go between the K-member and chassis at the rear most mounts. See figure to the right.



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Installation Instructions

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11. Lower the car to the K-Member assembly, or use the up and down movements of the jack under the assembly to raise the K-member in place. Using the (2) factory bolts, and (4) bolts supplied to attach the K-member to the frame. The supplied bolts will bolt into (4) cylinders welded on the K-member to attach to the chassis. Torque all (6) bolts to 110 ft lbs. Note: The pins welded to the k-member are used as guide pins to help locate the K-member into location.
12. If you did not previously install suspension components, do so at this point. Install lower arms, shocks, spindles and brake lines onto the UMI K-member assembly.
13. **Alignment washers-** Find roughly where the arm will sit after final alignment and match the bolt location with the appropriate washer. The washers with offset holes can be flipped totaling three different positions. The washers with centered holes will accommodate the settings not easily achieved with the offset washers, allowing 5 total positions. Repeat for all locations until lower A-arm is securely locked in place. Fine tuning the alignment can be done through adjustable A-arms.

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K-MEMBER

2324

93-02 GM F-Body K-Member
SBC/BBC Motor Mounts

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Page 2 of 2