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Installation Guide for 1982-1993 F-Body Camaro & Firebird



Hardware and Parts List

All motor mounts come with a lifetime warranty and free replacement upon return of any mount or bracket.

<u>Quantity</u>	<u>Item:</u>
2	Frame Brackets
2	Motor Motors
1	Transmission Crossmember
1	Polyurethane Transmission Mount
4	10mm-1.5 x 25mm Transmission Crossmember to Frame Bolts
4	10mm Flat Washers
1	7/16"-13 x 1" Transmission Mount Bolt
1	7/16" Flat Washer
6	3/8"-16 x 1" Frame Bracket to Frame Bolts
6	3/8" Flat Washers
6	3/8"-16 Nylon Lock Nuts
2	1/2"-13 x 4" Motor Mount to Frame Bracket Bolts
2	1/2"-13 Nylon Lock Nuts
8	10mm-1.5 x 25mm (Allen Head) Engine Mount to Block Bolts

Installation Notes

- This kit is designed to be used with the 1998-2002 F-Body (Camaro & Firebird) oil pan.
- The Camaro, GTO (must use the smaller Camaro alternator) & Corvette accessory drive systems can be used.
- The OEM a/c compressor can be used, but the frame will need to be notched for clearance.

Step 1: Locate the Driver's Side (LEFT) and Passenger's Side (RIGHT) motor mounts and loosely bolt them to the engine using the supplied 10mm allen head bolts, now loosely bolt the Driver's Side (LEFT) and Passenger's Side (RIGHT) frame brackets to the engine mounts using the supplied 1/2"-13 x 4" long bolts and nylon lock nuts. (The bolts will be tightened after the engine is set in place and everything is lined-up)



(Detailed view of driver's side motor mount and frame bracket on engine)



(Detailed view of passenger's side motor mount and frame bracket on engine)

Step 2: Lower the engine into the chassis and align the frame bracket to frame bolt holes and loosely install the 3/8-16 x 1" bolts, flat washers and nylon lock nuts.



Step 3: Lift the rear of the transmission using a floor jack. Install the polyurethane transmission mount on the transmission, making sure that you install the provided plate between the mount and the transmission (this preloads the polyurethane mount). Lift the transmission crossmember into the place and bolt the mount loosely to the crossmember using the 7/16"-13 x 1" bolt and the 7/16" flat washer. Loosely install the crossmember to frame bolts (10mm-1.5 x 25mm bolts and the flat washers).



(NOTE: If you are using a T-56 transmission you will need to grind the casting tab off the tail-shaft housing in front of the transmission mount using a small grinder.



Step 4: Once you have checked to make sure that everything is installed correctly and lined up go back and tighten the engine mount to block bolts, engine mount to frame bracket bolts, frame bracket to frame bolts, transmission mount to transmission bolts, transmission mount to crossmember bolts and transmission crossmember to frame bolts.



The Muscle Rod line of headers from Husler is designed to bolt in with this kit for an easy bolt in install with great performance and fitment

Road test your vehicle to familiarize yourself with it's new handling characteristics. BRP cannot supervise your installation of these parts and systems cannot be held responsible more than the cost of the kit and/or parts. The vehicle should be operated normally. Contact BRP if you need anything or if we can be of assistance. (Check the BRP web site for additional help).

Thank you for purchasing a Muscle Rod conversion kit proudly made in the USA.