

Installation Guide for 1982-1992 F-Body

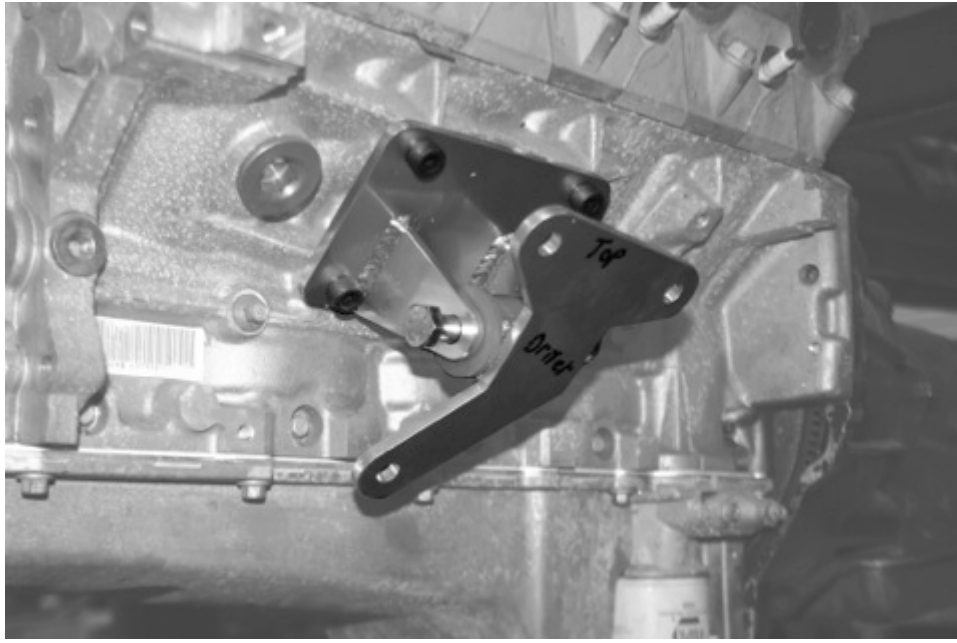
Hardware and Parts List:

- | | |
|-------------|---------------------------------|
| 306-1100-04 | Driver Engine Mount |
| 306-1100-16 | Passenger Engine Mount |
| 306-1200-04 | Driver Frame Mount |
| 306-1200-16 | Passenger Frame Mount |
| 1 qty | Transmission Crossmember |
| 1 qty | Polyurethane Transmission Mount |
| 1 qty | Hardware Pack |

Notes:

1. Black bushing are standard. Contact us for optional red bushings
2. Our mid-length header has a ball and socket type collector. Long tubes have a slip on collector.
3. All headers clear the factory OEM A/C box, power steering box, and power brakes.
4. No transmission tunnel modifications are required.
5. Headers work with the following transmissions: T-56, 4L60E, 4L65E.
6. When ordering you must specify which transmission is being used as crossmembers are different.
7. LS kits and Headers are designed to be used with the GM 98-02 F-body oil pan.
8. In some header installations the starter, valve cover, and/or spark plugs may need to be removed for installation of the new Muscle Rod headers.
9. Kit was designed around a factory V8 k-member. Frame mounts and transmission crossmember bolt-in to factory mounting holes, no drilling is required. (If you have a V6 k-member you will need to position the engine and then mark and drill the bolt holes in the k-member).
10. A casting boss on the tailshaft of the T-56 will need grinding for clearance with our crossmsmber.
11. Driveshaft length will change from original.
12. All of our kits are designed around factory suspension and steering components

See our install guide for more details.



Start by loosely bolting the engine mounts to the engine using the provided 10mm-1.5 x 25mm socket-head bolts. Now loosely bolt the frame brackets to the engine mounts as seen in the picture using the 1/2"-13 x 4" bolts and nylon lock nuts (Note: bolting the frame mounts to the frame and then lowering the engine down into the car can cause fitment issues and can also lead to damage to the polyurethane bushings). Lower the engine and transmission into the vehicle. Line up the frame mounts on the frame and start all of the bolts on both frame mounts using the 3/8"-16 x 1" bolts, washers and nylon lock nuts. (NOTE: Tighten all bolts after the transmission crossmember and transmission mount are installed).





Using a jack to lift the transmission into position you can install the transmission crossmember using the 10mm bolts provided. Using the 7/16"-13 x 1" bolt and flat washer bolt the transmission mount to the crossmember.

Now that all of the bolts are started and the engine's installed, go back and tighten all of the bolts. After the first test-drive re-check all bolts.

Thank you for purchasing MuscleRods products proudly made in the USA!

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