

INSTALLATION INSTRUCTIONS: 3620
Early Bronco Heavy Duty Motor Mounts



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2 Heavy Duty Motor Mount Assemblies

Tools Needed:

- 1/2" Drive Ratchet
- 1/2" Drive Torque Wrench
- 1/2" Ratchet Extensions
- 5/8" Shallow Well Socket
- 3/4" Deep and Shallow Well Socket
- 3/4" Open End Wrench or Adjustable Wrench
- Your method of choice for lifting the engine.

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IMPORTANT: Read ALL directions and verify ALL parts are accounted for before continuing with this install. These only work with 302 and 351 windsor based engine blocks.

NOTE: These Motor Mounts were designed to place the engine at the OEM stock height for all 302 & 351 Windsor based engines as well as accommodate aftermarket Windsor blocks such as the Dart Block which have castings that interfere with most other types of aftermarket motor mounts.

1. Park your Bronco on solid level ground, engage the parking brake and block the front tires.
2. Disconnect the negative battery cable

NOTE: While complete engine removal is not required, it could make the task easier with the extra room gained. We will not detail engine removal in these instructions, and intend on you installing these mounts with the engine in the bay.

3. Prepare your preferred method of lifting your engine.

NOTE: Inspect the nuts holding the motor mounts to the frame standoffs. If they are packed with grime and rust, remove as much debris from the threads as possible, and apply a generous amount of CRC Knock'er Loose before attempting Step 4.

4. Unbolt the 3/4" nut from the mount to the chassis located underneath the frame standoffs. Loosen the same nut on the other side at this time to allow room for movement. Do not completely remove the second nut for safety purposes.
5. Using your preferred method, gently lift the engine. Watch and ensure you are not pinching or overextending any wires/hoses. A helper may be beneficial here. The retaining threads of the original mount will most likely not clear the stand off and this is expected.
6. Unbolt the two 7/16" bolts holding the mount to the engine block.
7. With the mount detached, remove it from the engine bay entirely.
8. Due to differences in every Bronco build, in some cases you will need to remove the large center bolt that holds the engine side to the frame side of the mount and install each piece independently of each other. Remove the 1/2" nyloc nut and flat washer from the bottom of the pivot plate and insert the pivot plate into the frame standoff. Orientation is universal. Install the flat washer and nyloc nut hand tight only.
9. The engine mount plate can only be installed one way. Using 7/16"-14 x 1" bolts, install the engine mount plate hand tight. We do not provide these bolts as you can reuse the ones that came with your current engine mounts or you may have your own preference. Do not torque bolts yet.

CAUTION: When lowering the engine in the next step, watch and ensure that you are not pinching any wires or hoses.

10. Carefully lower the engine to align the pivot plate to the engine mount plate and insert the long 9/16" bolt with one flat washer you removed earlier. Once inserted, install the remaining flat washer and nyloc nut hand tight only. See figure A for the assembly diagram.
11. Repeat steps 4 through 10 on the opposite side.

12. With both mounts installed lower the engine back on to the frame entirely.
13. Starting with the 7/16" bolts at the block, torque all 4 bolts to 40 lb-ft.
14. Move to the 1/2" nyloc nuts that are under the frame standoff. Torque these both to 60 ft-lbs.
15. Lastly, torque the two long bolts that connect the pivot plate to the engine plate to 80 ft-lbs
16. Reconnect your negative (-) battery cable
17. Test drive. Check ALL hardware after 100 miles or your first off-road excursion.



**SS Dominator
Long Tube Headers #3140**



**Rear Sump Oil Pan
with Lokar Dipstick #3647/3648**



**#3141 Dual Exhaust for
SS Dominator Headers**



**Bilt Cool Ventilated Inner
Fender Panel Set #7110**



**Heatshield Spark Plug
Protector Boots #3078**



#3077 Heatshield Lava Wrap

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