Motor Mount Installation Instructions

IMPORTANT NOTE! THE FRONT CRADLE WILL NEED TO BE DROPPED TO INSTALL THIS PART!

TOOLS REQUIRED:

- Metric sockets and wrenches
- Jack and Jackstands (or lift if available)
- Trim Panel removal tool

INSTRUCTIONS:

1. Lift vehicle and support with jack stands. Remove front wheels.

2. Disconnect the clips retaining the brake hoses, ABS sensors, and ride height sensors (if equipped) **IMAGE 1**

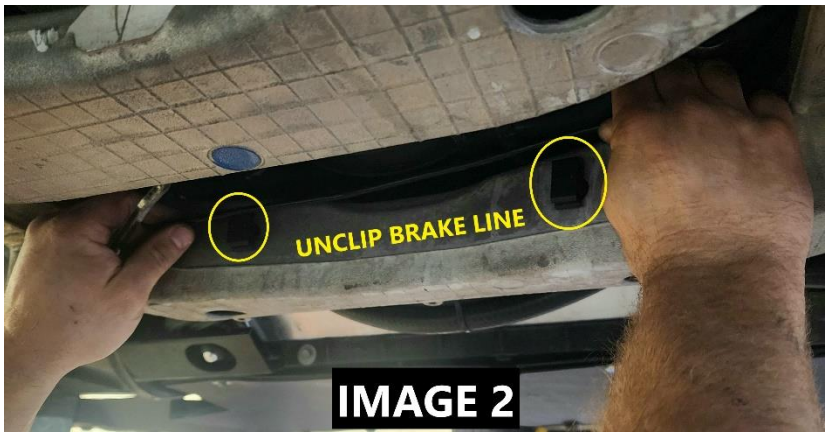
3. Unclip brake line from cradle **IMAGE 2**

4. Disconnect the sway bar bracket and steering rack from the cradle **IMAGE 3**

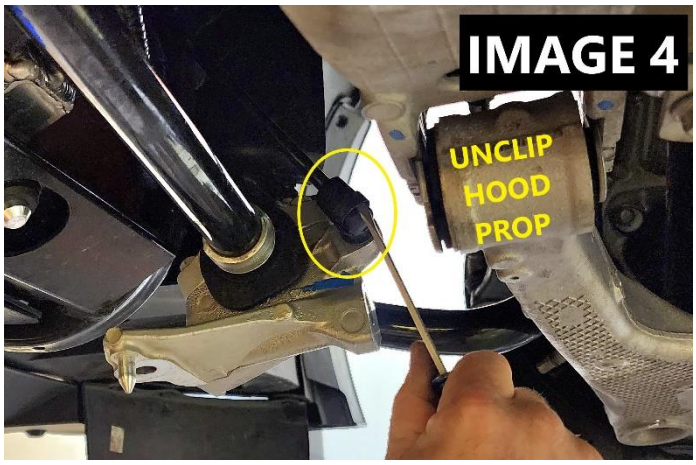
5. Disconnect hood prop from sway bar bracket **IMAGE 4**

NOTE: Be sure the hood is closed before disconnecting the prop or the hood will slam shut









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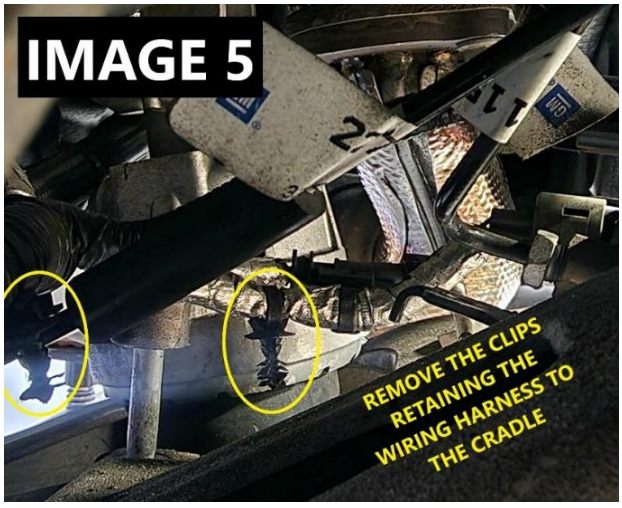
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6. Remove the lower shock mount, sway bar end links and lower control arm bolts

NOTE: to keep the vehicle aligned, mark the position of the cam bolts so they can be reinstalled in the same position

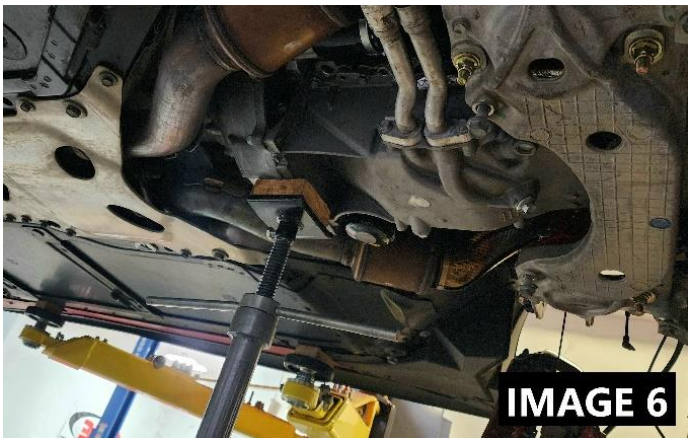
7. Remove the clips holding the wiring harness to the cradle. **IMAGE 5**

8. Remove the studs holding the motor mounts from the bottom of the cradle



9. Support the engine using a screw jack or floor jack as shown. **IMAGE 6**
10. Loosen the cradle bolts and lower the cradle to allow access to the engine mounts

11. Remove and discard the nut holding the stud from the top of the motor mount where it goes into the engine side bracket **IMAGE 7**

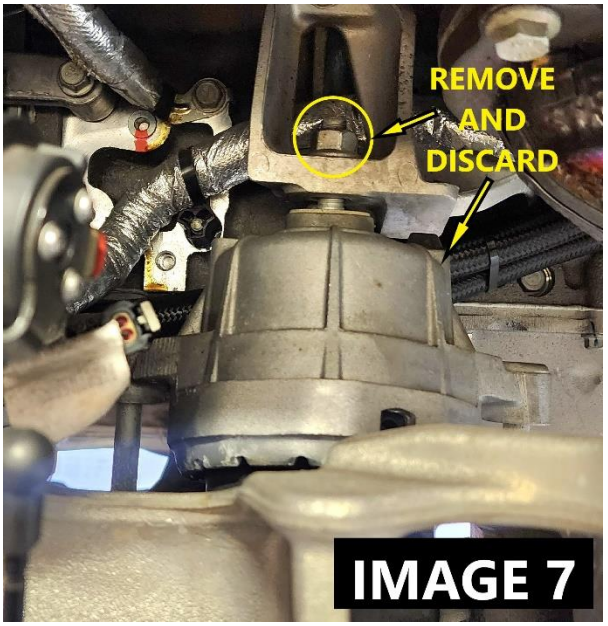


NOTE: The cradle may need to be dropped out completely to have enough room to remove the large factory engine mounts

12. Loosely assemble the BMR Engine Mount as shown in **IMAGE 8** and place it into the vehicle.

13. Put the bolts through the cradle and the engine side mount bracket

14. Raise the cradle back into position and once everything is in place, tighten the bolts connecting the motor mounts to the cradle to **50 ft lbs** and the top bolts to **85 ft lbs.** The ½" bolt that goes sideways through the mount gets torqued to **80 ft lbs**



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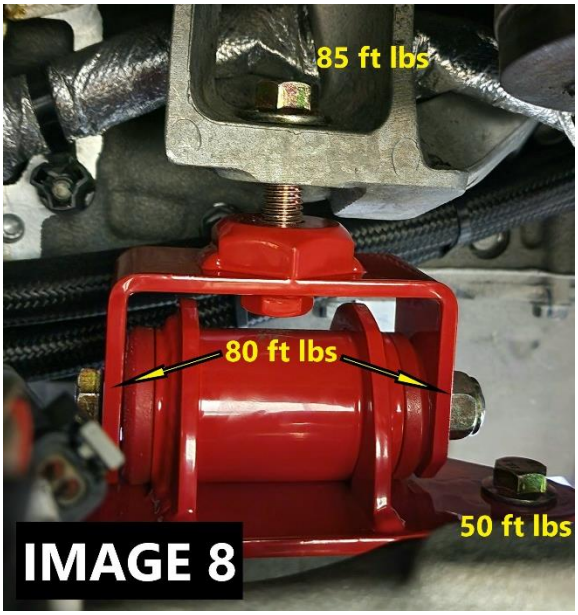
Motor Mount Installation Instructions

15. Begin reassembly of the front suspension by repeating the initial steps in reverse order. Torque specs are as follows.

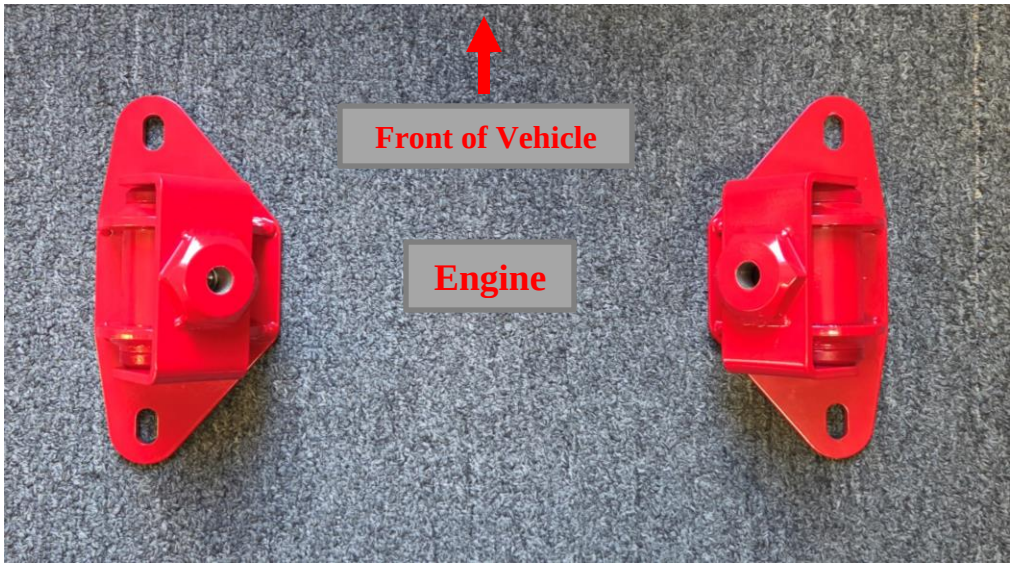
Cradle Bolts – **118 ft lbs**
Steering Rack – **92 ft lbs**
Sway bar bracket – **43 ft lbs**
Control arm – **125 ft lbs**
Sway bar endlink – **43 ft lbs +30 degrees**

16. Reclip the hood prop, brake line, abs sensor, brake hose, wiring harness and ride height sensor

17. Reinstall the front wheels and lower the vehicle back to the ground







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Motor Mount Installation Instructions

Attention: Polyurethane and Delrin bushings must be properly lubricated with a full synthetic grease only

A full synthetic grease must be used to lubricate the inner sleeve via the grease fitting, contact points such as the outside faces of the polyurethane bushing must also be greased. We recommend Green Grease/Super Lube full synthetic grease for best results.



Do not install bushings dry. Lack of proper lubrication may cause squeaking, binding, premature wear, reduced performance, or damage to the bushings and related components. Bushings should be inspected and re-greased as needed, especially in harsh driving conditions or high-use applications.

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