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 (lift prefferred)
- Trim Panel removal tool

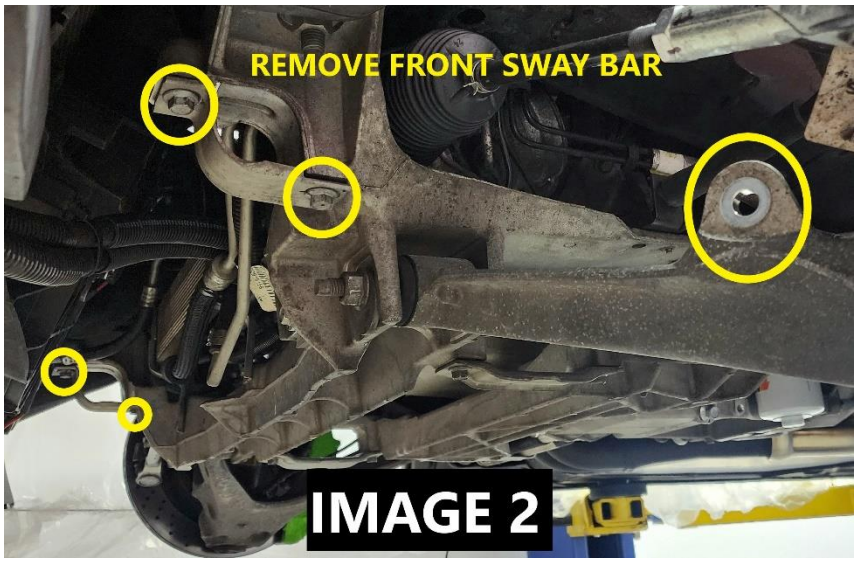


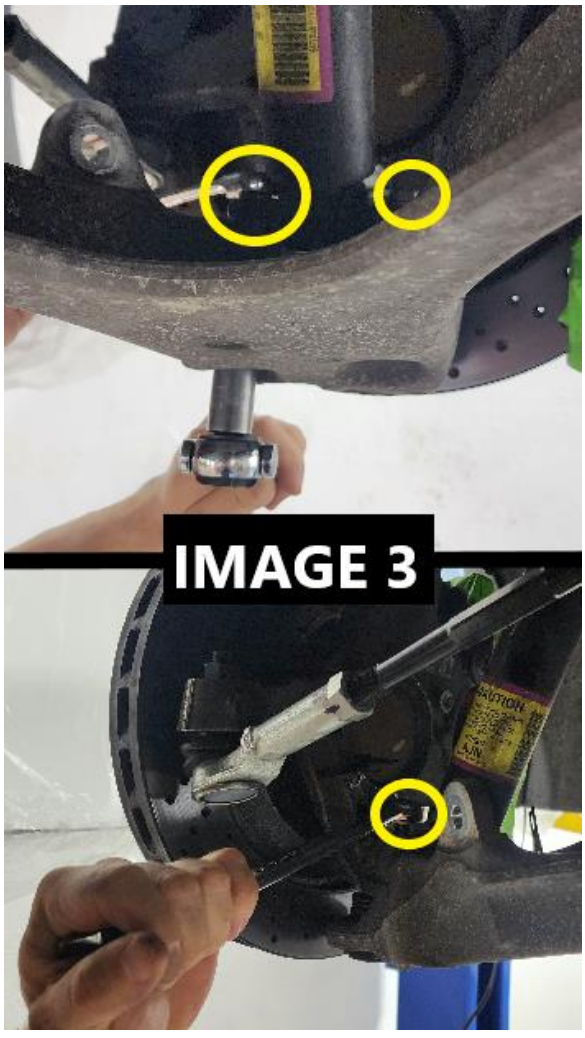
Instructions:

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. Disconnect the sway bar brackets and endlinks. **IMAGE 2**





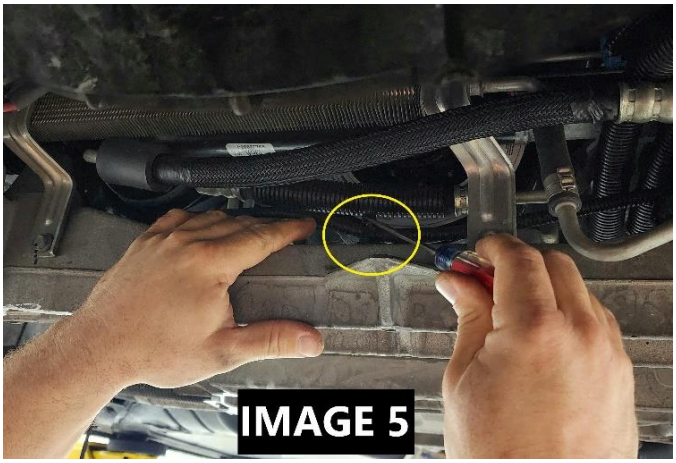
4. Remove the lower shock mount bolts. **IMAGE 3**

5. Remove nut from lower balljoint (**IMAGE 3**) and use a balljoint separator to disconnect the lower control arm from the spindle.

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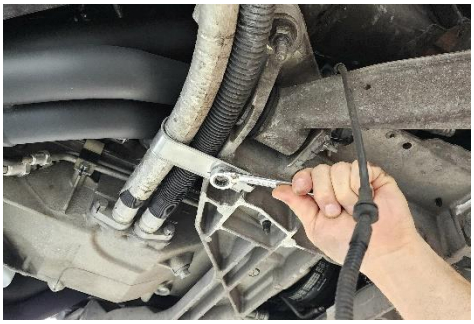


6. Unclip brake line from cradle **IMAGE 4**

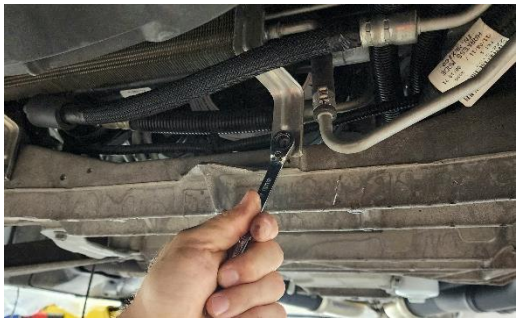
7. Remove the clips holding the wiring harness to the cradle. **IMAGE 5**

8. Using a 10mm wrench, unbolt the bracket holding the oil cooler from the front of the cradle.

9. Using a 13mm wrench, remove the bolts holding the ABS Module and the dry sump lines, (if equipped)







10. Unbolt the steering rack and support from the engine with a strap or bungee cord.

11. Using an 18mm socket, remove the nuts holding the motor mounts to the bottom of the cradle. **IMAGE 6**

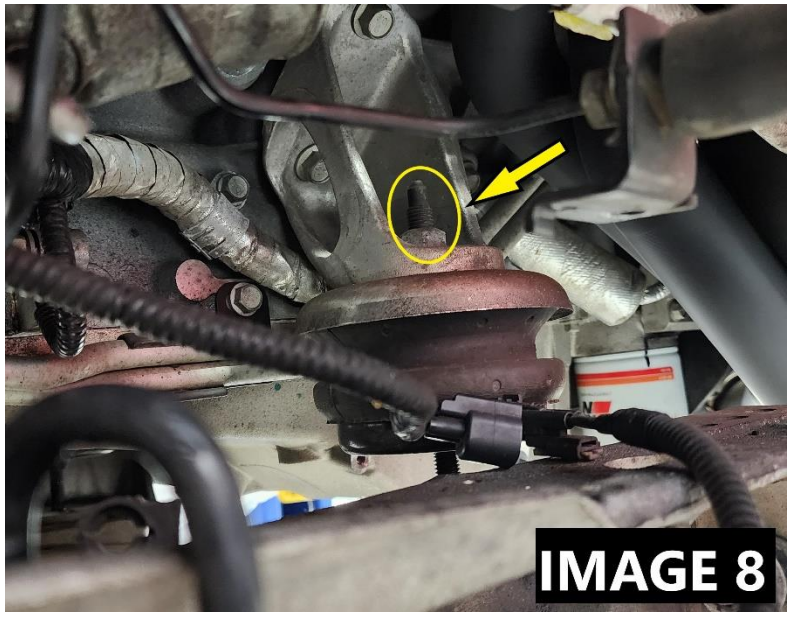
12. Support the engine using a screw jack or floor jack.



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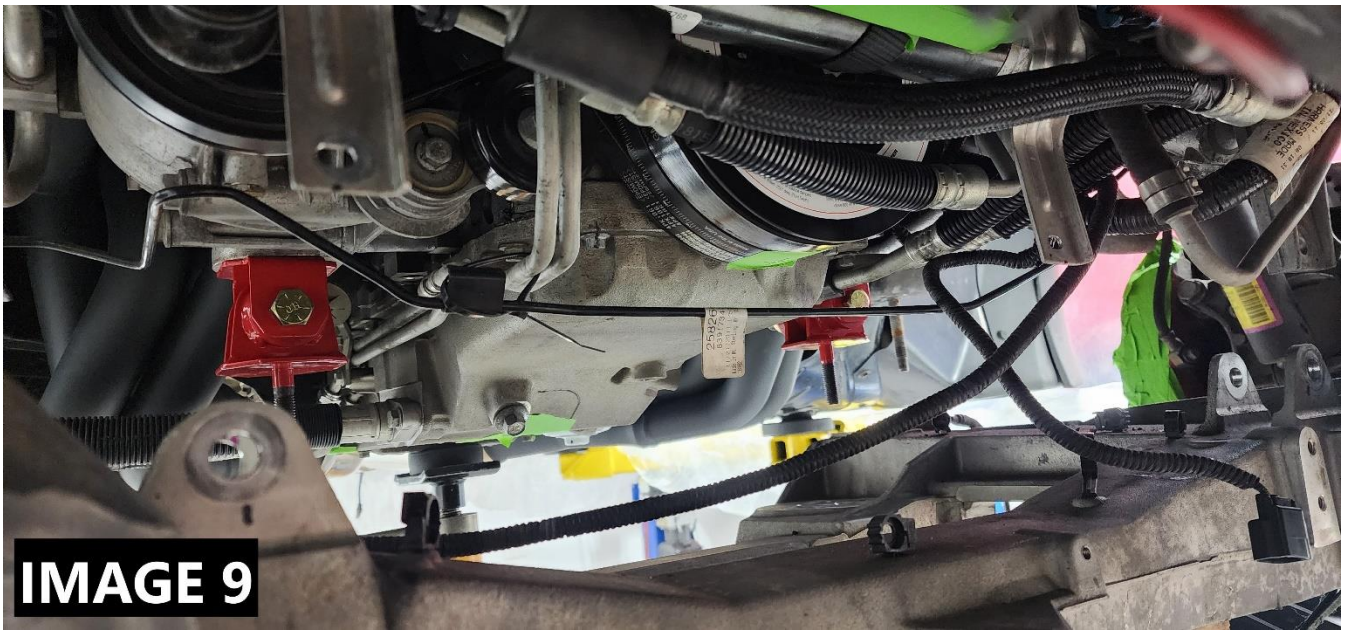


13. Using a 21mm, Loosen the cradle bolts and lower the cradle to allow access to the engine mounts. **IMAGE 7**

14. Remove and discard the nut holding the stud from the top of the motor mount where it goes into the engine side bracket. **IMAGE 8**

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

15. Loosely assemble the BMR Engine Mount as shown in **IMAGE 9** and place it into the vehicle.



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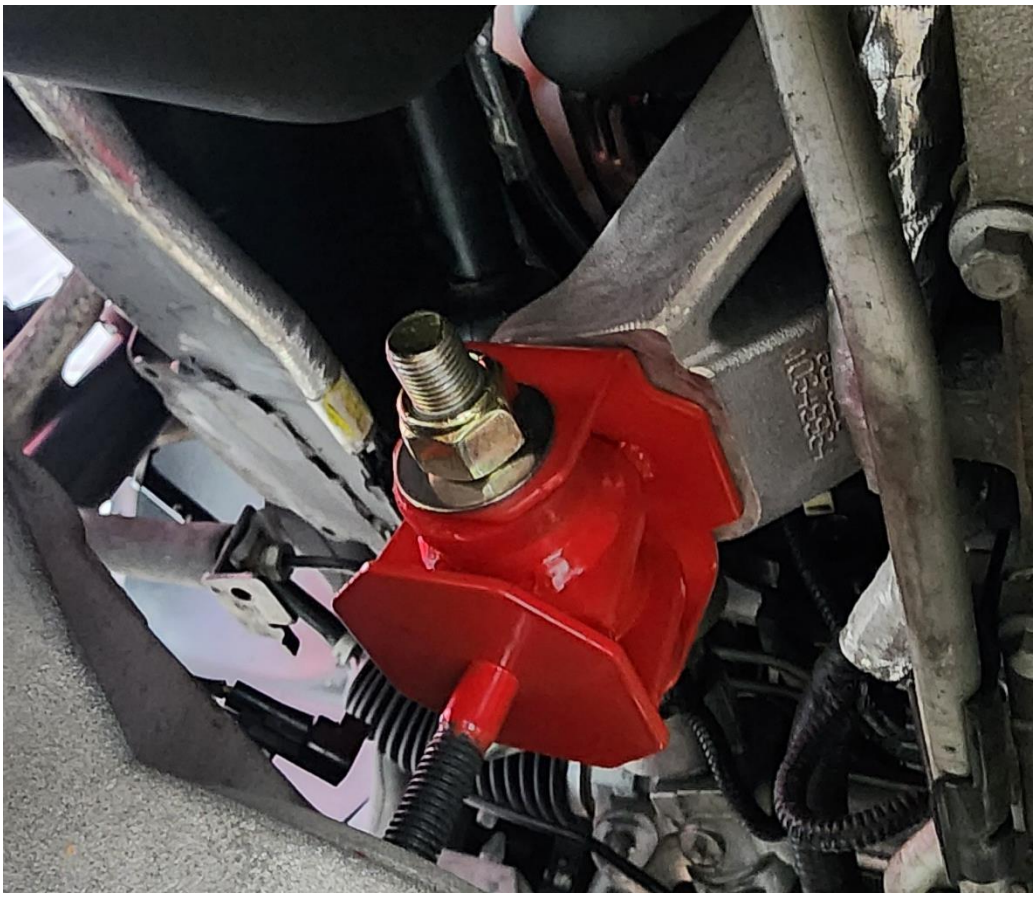
16. Raise the cradle back into position and once everything is in place, Tighten the nuts on either side of the engine mount as well as the ½" bolt that goes sideways through the mount to **80 ft lbs**

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

Cradle Bolts – **81 ft lbs**
Steering Rack – **81 ft lbs**
Sway bar bracket – **43 ft lbs**
Sway bar endlink – **53 ft lbs**
Lower Ball Joint – **60 ft lbs**

18. Reclip the brake line, abs sensor, brake hose, wiring harness and ride height sensor

19. 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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