

# 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 preferred)
- 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.



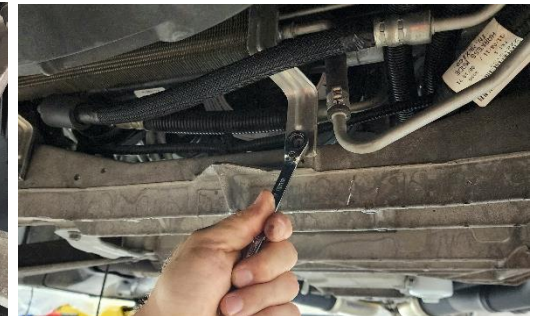
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6. Unclip brake line from cradle **IMAGE 4**
7. Remove the clips holding the wiring harness to the cradle. **IMAGE 5**
8. Using a 10mm wrench, unbolt the bracket holding the oil cooler from the front of the cradle.
9. Using a 13mm wrench, remove the bolts holding the ABS Module and the dry sump lines, (if equipped)



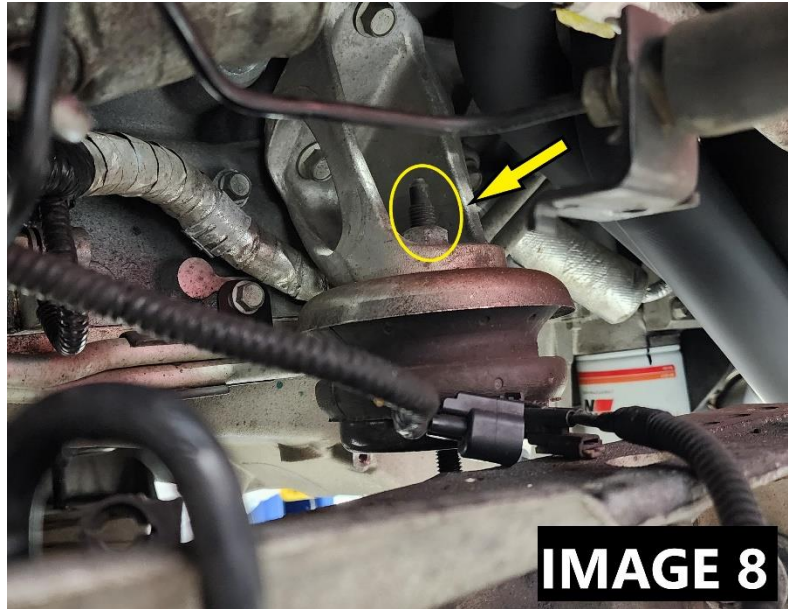
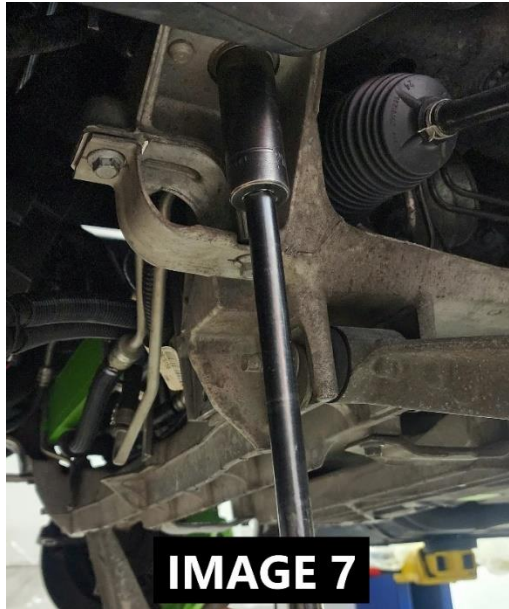
10. Unbolt the steering rack and support from the engine with a strap or bungee cord.
11. Using an 18mm socket, remove the nuts holding the motor mounts to the bottom of the cradle. **IMAGE 6**
12. Support the engine using a screw jack or floor jack.



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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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