

## AWR-6301HV6

### AWR PASSENGER SIDE HEAD MOUNT INSTALLATION GUIDE

#### Mazda 6 – 3.0L V6

#### TOOLS/PARTS REQUIRED:

1. Floor Jack
2. Jack Stand(optional)
3. Ratchet(no smaller than 3/8" drive)
4. 18mm socket, 15mm socket deep-well, 10mm socket, 8mm socket
5. Sandpaper/dremel/grinding tool(your choice)
6. 1/4" bolt about 1"-1 1/2" in length
7. Two flat washers
8. Two hex nuts
9. One lock washer
10. Wood block or an item that can disperse jack pressure on oil pan while supporting motor
11. AWR Pass. side mount with included spacers/bushings

#### PROCEDURE:

1. Place car on flat level surface
2. Jack up vehicle and place on jack stands
  - If vehicle is still at stock height it may be possible to fit the jack underneath to support the motor without jacking up the vehicle.
3. Using the floor jack place under motor with wood block or item of choice to support the motor.
4. Jack up the motor until the weight of the motor just comes off the mount.
5. Remove engine vanity cover by removing three 10mm nuts.



6. Remove three 10mm engine coolant tank bolts.



7. Remove the coolant tank to expose the passenger side engine mount  
-this is what it should look like now.



8. Remove one 8mm bolt from mount arm to release ground wire.



9. Remove one 18mm mounting bolt from upper mount arm.



10. Remove one 15mm retaining nut from the engine capacitor.



11. Remove engine capacitor and bracket from head mount stud.

12. Remove three 15mm mounting nuts from the head mount studs.



13. Remove upper mount arm from mount assembly and put aside.



14. Remove one 15mm mounting nut from mount vibration bumper.

15. Remove mount vibration bumper.



16. Remove two 15mm frame rail mounting bolts and one mounting nut.

17. Remove stock mount from the vehicle



18. Repeat abrasion to this point on the top side of the mount.



19. Insert the 1/4" bolt into the small hole on the tongue extension with the head of the bolt facing downward. With a flat washer on both sides. Tighten down with respective nut.



- You have just made a ground stud for the chassis ground wire you removed earlier.



20. Install the AWR mount in one piece by sliding it over the three mounting studs on the engine and pivoting the bottom portion on the AWR mount over the stud on the wheel well. then thread mounting bolts on the frame rail half way in.
21. Place the six included metal spacers over the three engine studs. Place two spacers on each stud.

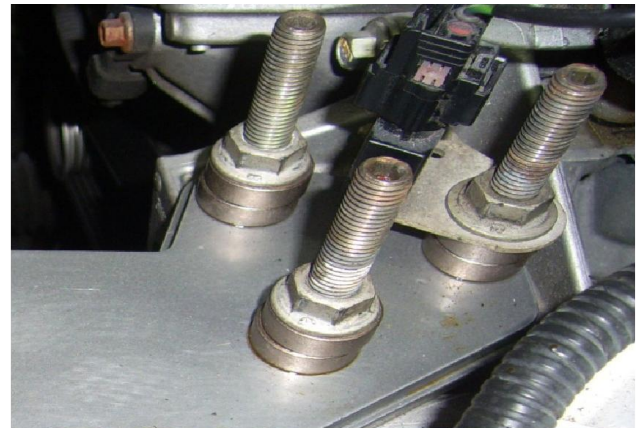




22. Replace the three 15mm mounting nuts on the studs and tighten all mounting bolts and nuts down. Start with the frame rail mounting bolts, then the fender well nut, then the engine stud nuts.



23. Place the capacitor and bracket back on the innermost engine stud and tighten down with a 15mm mounting nut.  
-observe the angle of the capacitor in the picture.  
Be sure to install it like that so it doesn't rub or contact something.



24. Tighten down the AWR mount center Bolt  
25. Replace the coolant tank  
26. Replace the engine vanity cover  
27. Observe you new AWR Performance Motor Mount



28. Lower vehicle to the ground.
29. Go test drive your newly installed mount.

Thank you for choosing AWR!

Installation Created by:

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