



DSB - Differential Support Bracket

Installation Instructions

for the BMW E36 model except 318Ti

Tools required:

- Drill with a 3/8" drill bit
- 13mm, 18mm sockets and ratchet
- Torque wrench



This is the AA Tuning DSB – Differential Support Bracket with a new BMW front diff mount bolt.

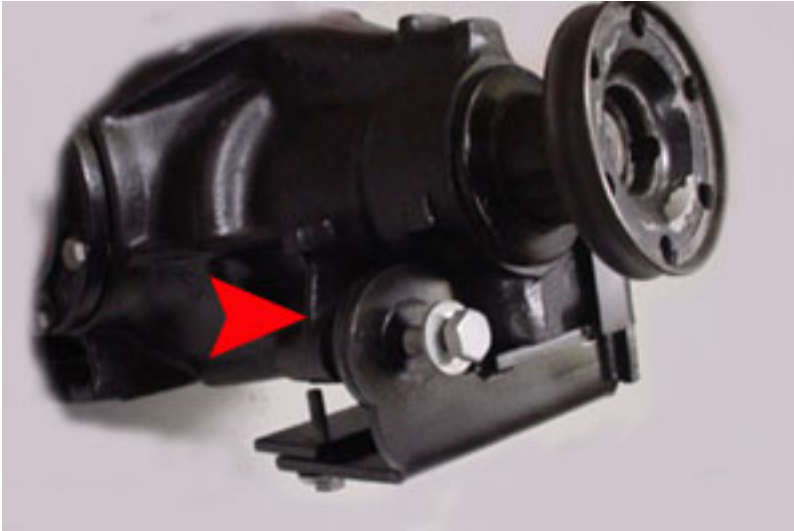


1. Take the stock differential front support bolt out and support the differential so that it does not go up or down. Use a jack or equivalent type of support.

Use a 18mm socket to remove front differential support bolt.



2. Take a 3/8" drill bit and drill through the (2) existing holes in the bottom of the carrier. These are the only 2 existing holes in the bottom of the carrier.



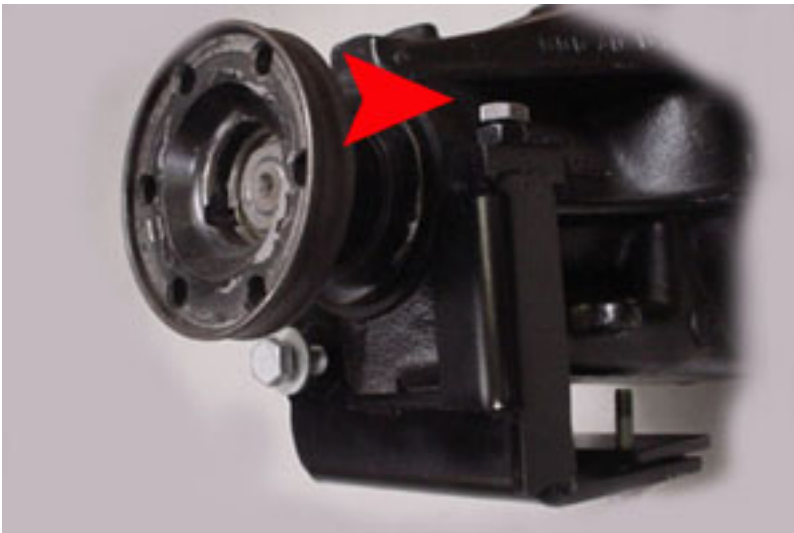
3. Mount the AA differential support bracket so that the circle ring is on top of the original circle hole that holds the rubber mounting and tap it gently so that it starts to sit on top of the circle, install the original differential bolt and catch now then thread it until snug.



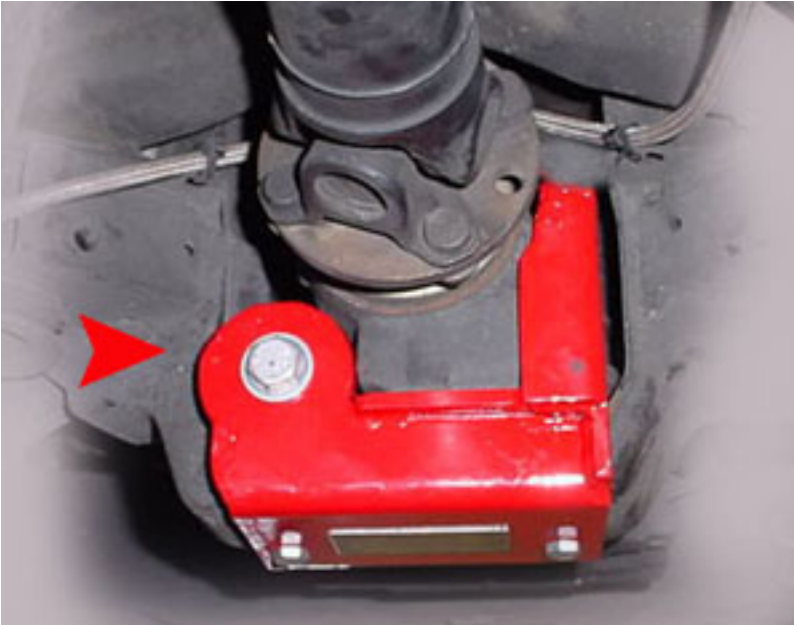
4. Install flat plate with beveled side facing passenger side (right side).



5. Slide the extra flat bracket supplied between the differential carrier and the differential so that the threads align with the holes in the AA DSB - Differential Support Bracket. Catch the supplied 8mm bolts using a 13mm socket and snug them down.



6. Take the pinch bolt (one with the 18mm head) on the AA DSB and tighten it approximately $\frac{1}{4}$ - $\frac{1}{2}$ turns after it just touches the differential body. Tighten the lock nut to prevent the bolt from loosening.



7. Now tighten the main differential bolt securely to at least 45-50 ft/lbs.



8. Tighten the (2) 8mm bolts at the bottom of the carrier to 18-20 ft/lbs. This concludes the installation.

NOTE: It is advisable to check the bracket after every oil service or Inspection just to make sure that all bolts are tight.