



Toyota MR2 Alternator Bracket

Install time: 1 - 2 hours

Tools:

- 13mm box wrench
- 17mm box wrench
- 13mm socket
- 14mm socket
- 17mm socket
- socket driver

Instructions:

1. See pre-assembled alternator bracket and components included with the alternator bracket kit. (Fig 1)
2. Insert the 5/16-18 bolt that is 2 inches in length. Use the flat washer on the outside of the bracket. The plated tensioner and small bushing will be in the middle of the bracket. **Please note orientation, as this is important.** Tighten bolt, it is normal for a small amount of movement in the bushing and tensioner. (Fig 2)
3. Install alternator bracket to engine. Using the OEM bolts, tighten the bracket to 32 ft/lbs using 14mm socket. (Fig 3)
4. Install alternator to bracket. Insert M10 bolt with washers on both sides and thread bolt on but do not tighten completely. (Fig 4)
5. Install alternator belt. Correct belt length is 32.5" (part number shown for reference). With alternator pushed forward slide belt over both pulleys. (Fig 5 & 6)
6. Install alternator tensioner adjuster using OEM bolt (do not tighten). Using a 13mm socket turn the adjustment screw until belt is properly tensioned. Be careful not to over tighten belt, over tightening can lead to premature failure. Proper spec for belt tension is 120 lbs for a new belt and 104 lbs for a used belt. (Fig 7)
7. Finally, tighten tensioner bolt on alternator, tighten M8 nut against adjuster and tighten M10 bolt at the bottom of the alternator. Installation is complete. (Fig 8)

Questions, comments, or concerns? Email tech@racerxfabrication.com.

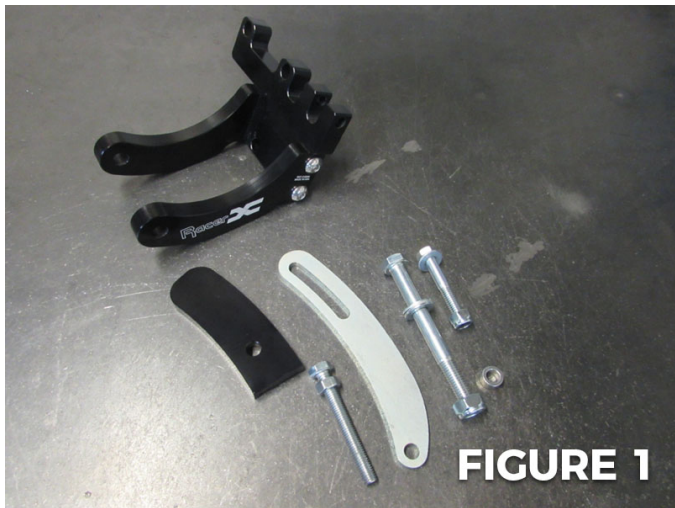


FIGURE 1

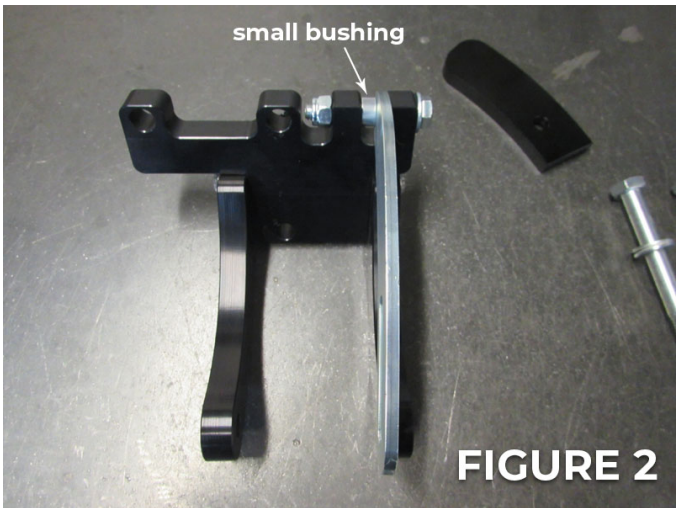


FIGURE 2

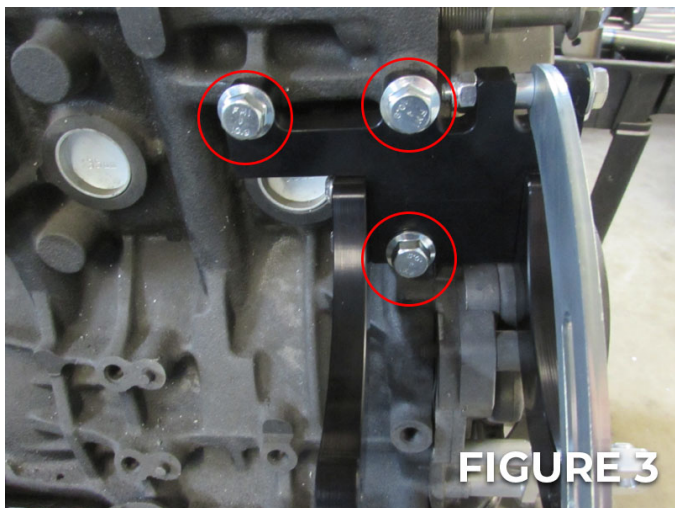


FIGURE 3

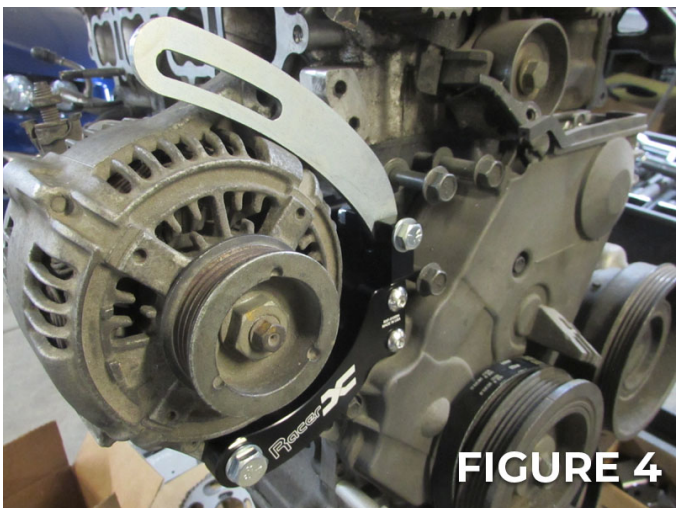


FIGURE 4

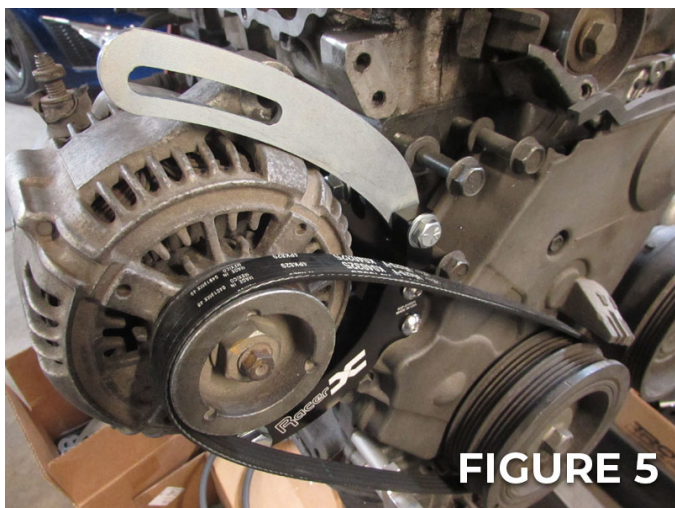


FIGURE 5

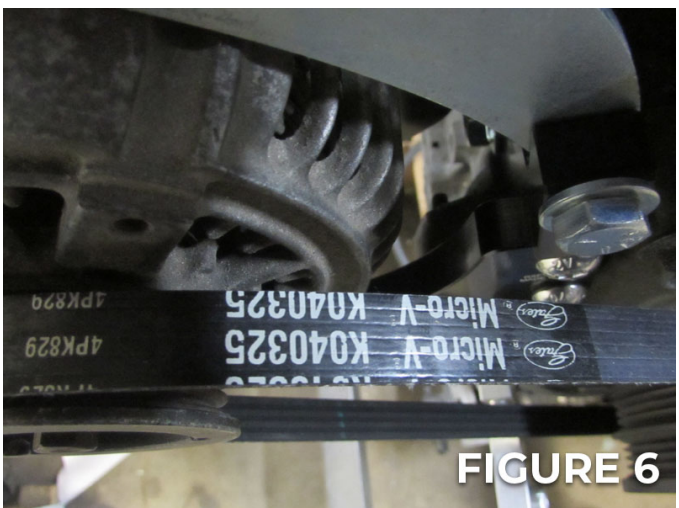


FIGURE 6

