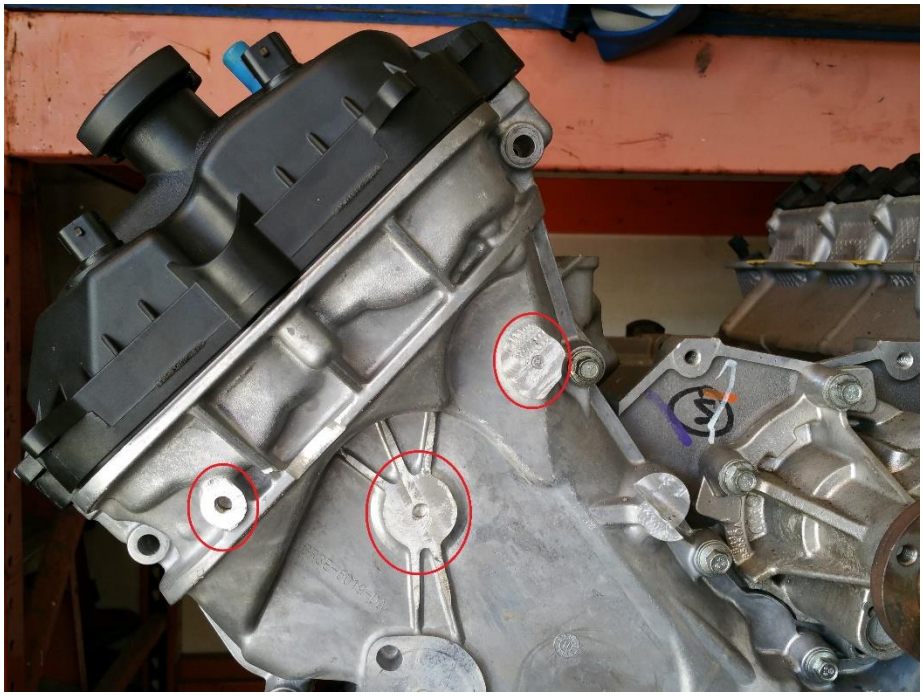
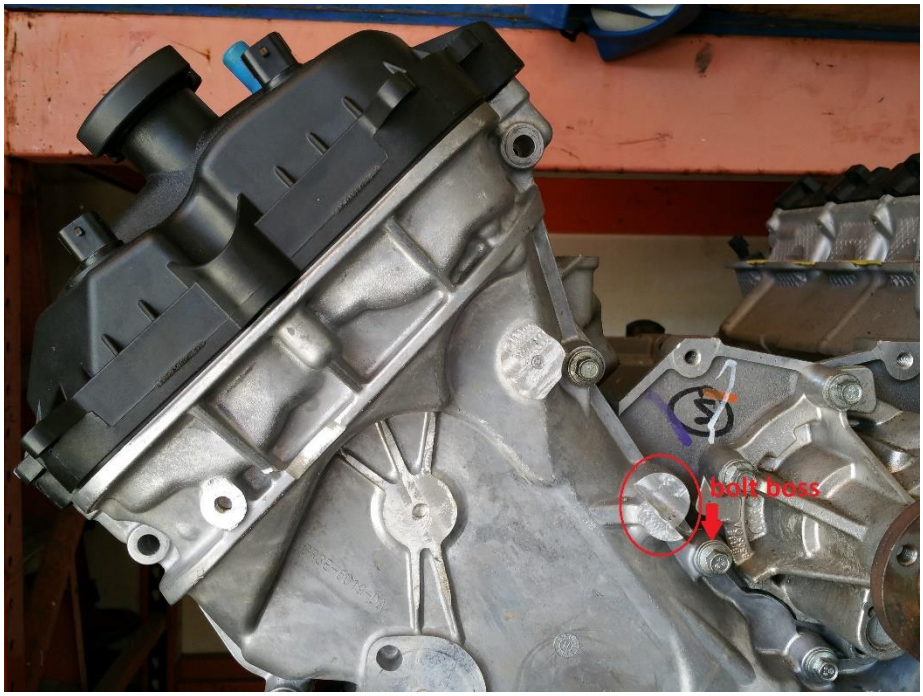
Installation instructions for Coyote alternator bracket kit

PART # PBH-SWAP-ALT-S/C-UPFIT

1. Remove stand-offs illustrated below. This is done best with a sawzall or cut-off wheel. Cut them off within 1/8” of the timing cover.

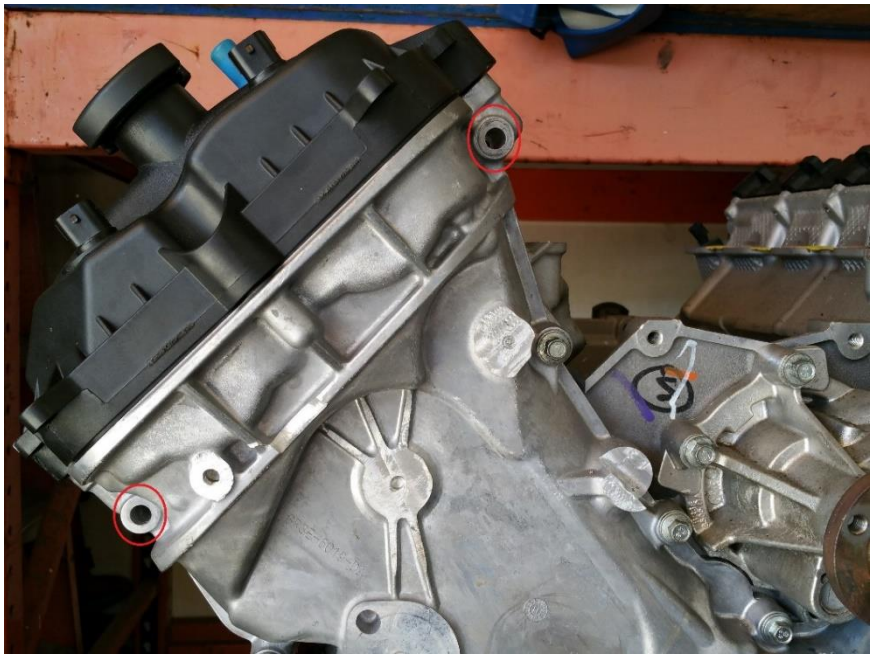


2. Remove half of the stand-off illustrated below. This should be cut down to the height of the bolt boss just below the stand-off (about 3/4” deep).

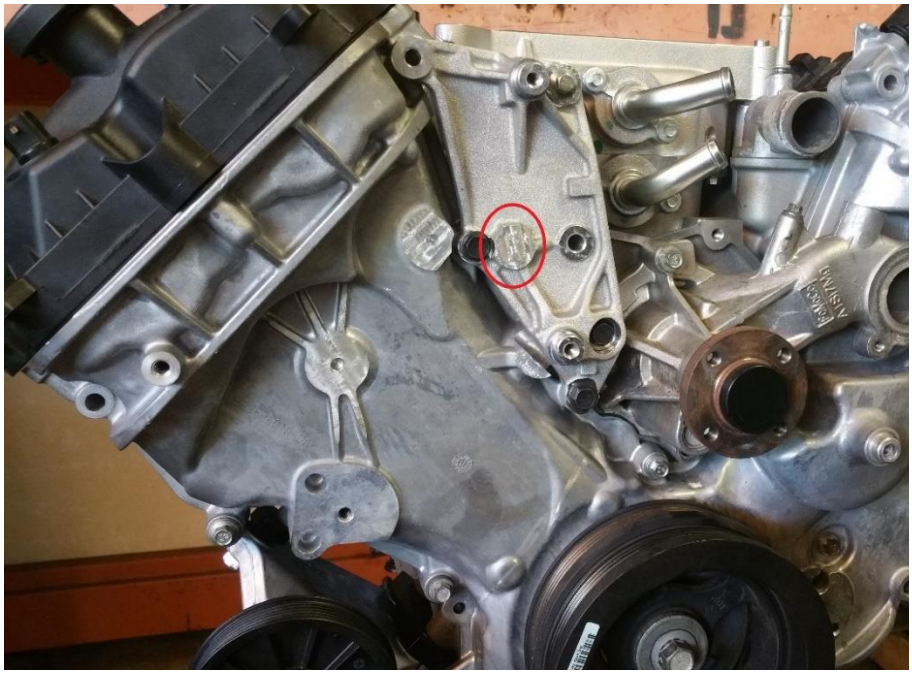


3. Cut a relief into horizontal rib of the timing cover as illustrated below. The center of the cut should be 1/4" deep.

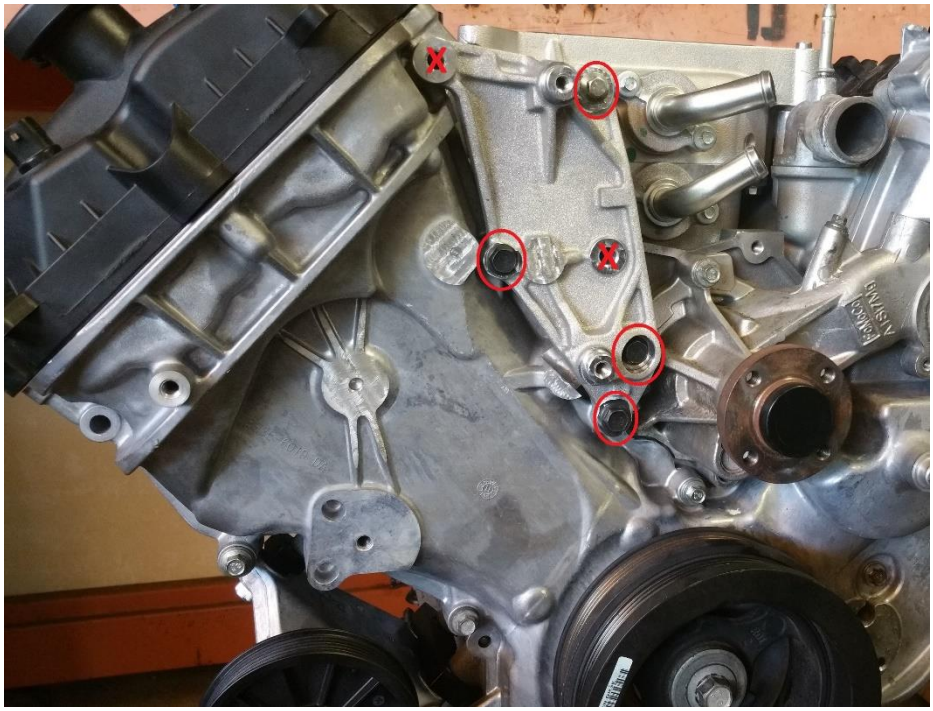
4. Remove the two timing cover bolts as illustrated below.



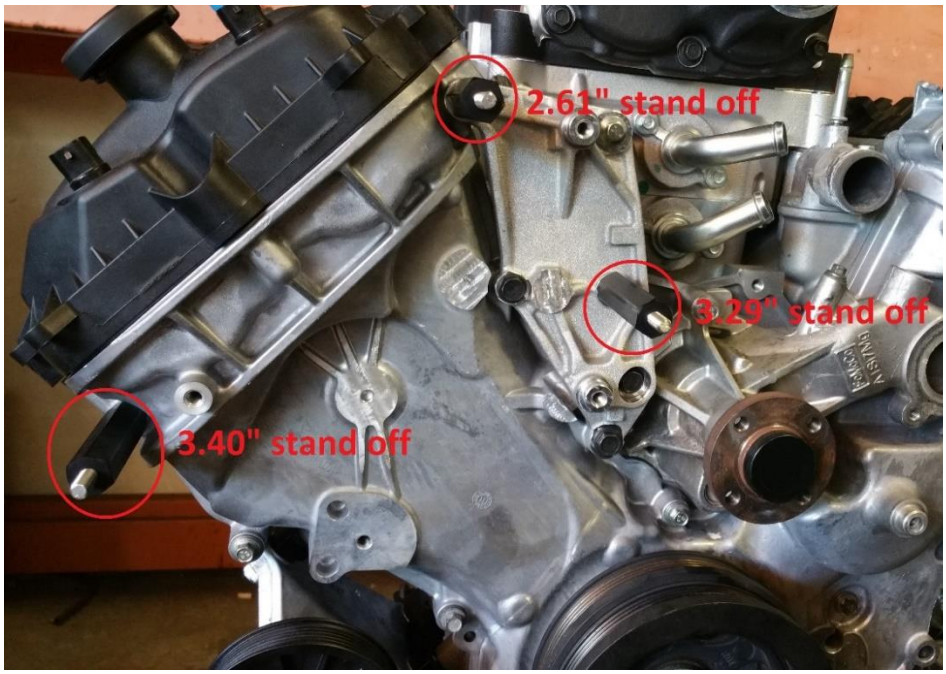
5. Cut the stand-off from the FEAD bracket (supplied with your supercharger kit) as illustrated below. This can be performed with the part on or off engine.



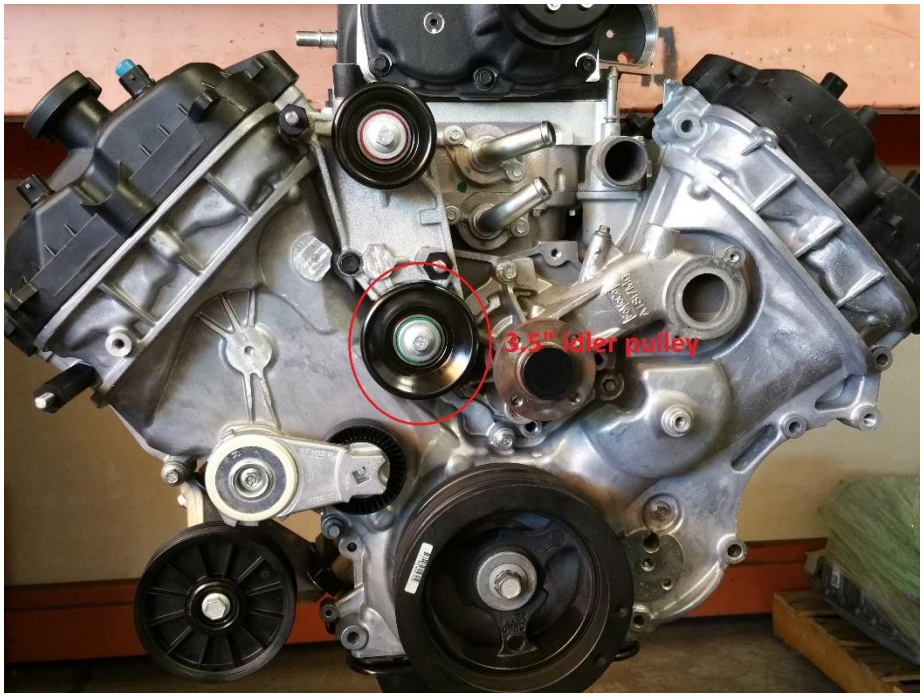
6. Install the FEAD bracket as per your supercharger instruction while leaving out the two bolts marked with an X in the illustrated below.



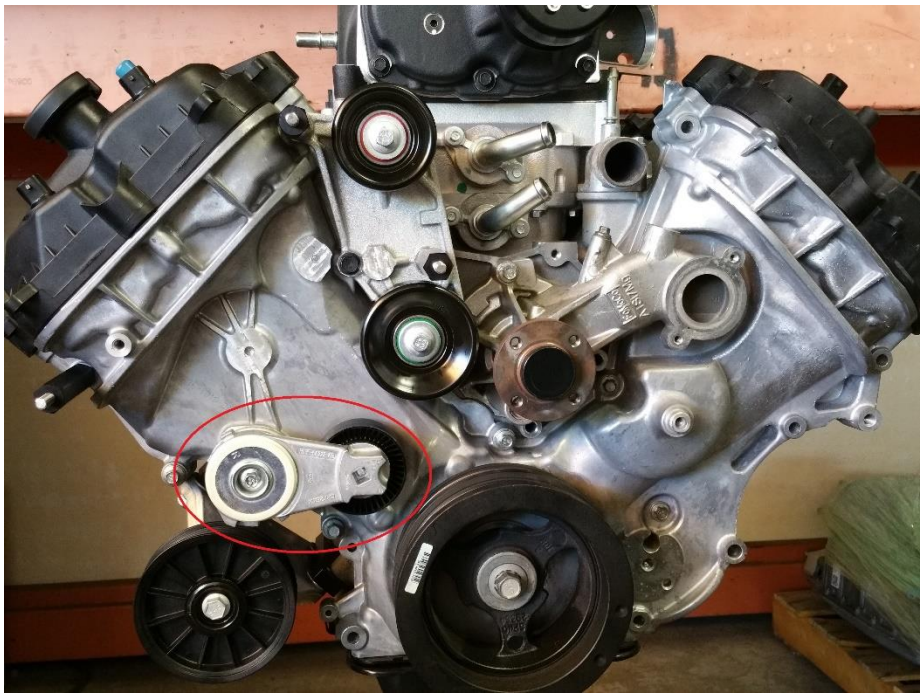
7. Install the three ¾” hex stand-offs (supplied). The orientation is illustrated in the picture below.



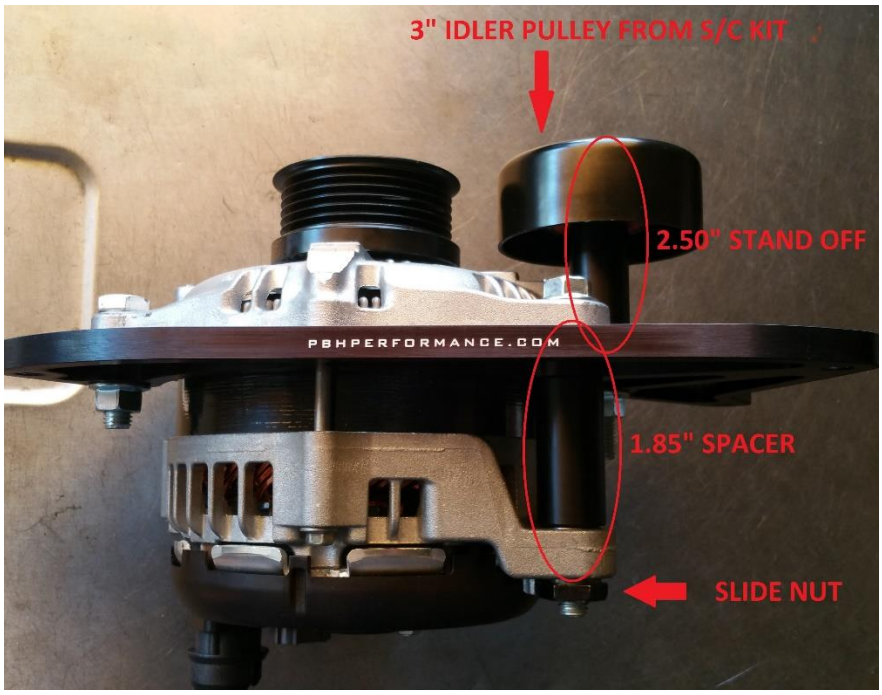
8. Install the 3.5” idler pulley (supplied) on the lower boss of the FEAD bracket. The 3” pulley supplied with the supercharger kit that would normally be installed here will be used in step # 10.

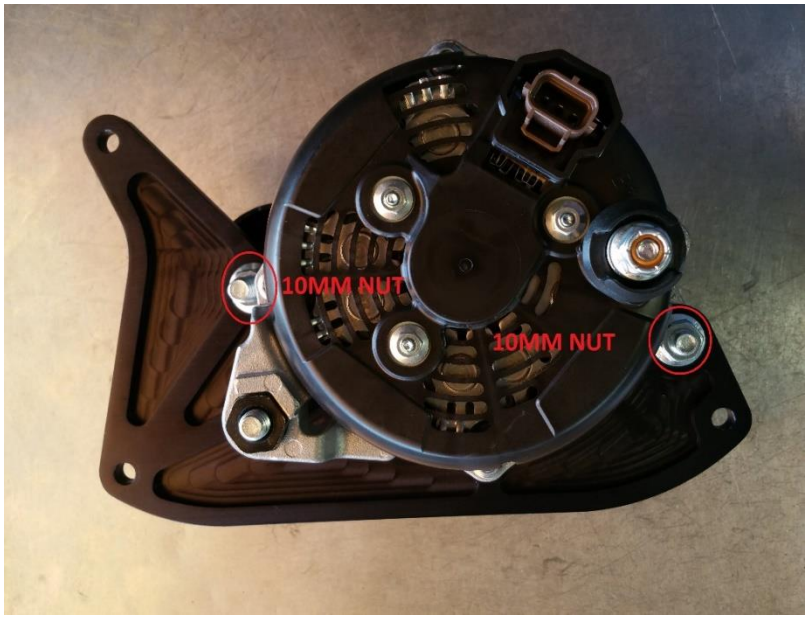


9. Install the BT-111 tensioner (supplied).

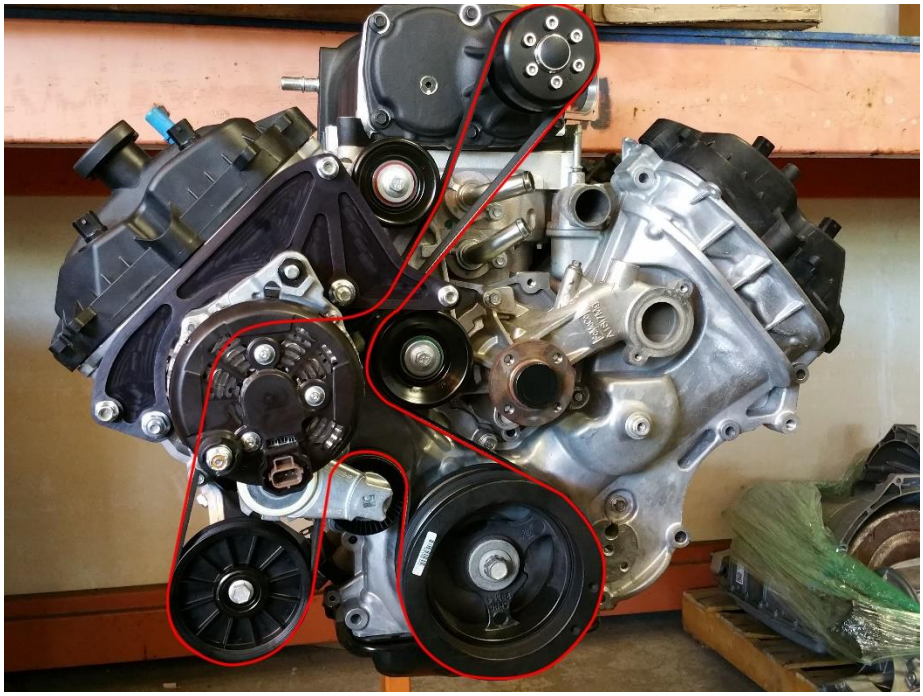


10. Assemble the alternator bracket by attaching the alternator, 1.85’ spacer, 2.5”idler stand-off, hardware, and 3” idler (supplied with supercharger kit) as illustrated below. When inserting the 1.85” spacer it may be necessary to press the alternator slide nut out slightly to gain clearance.





11. Route the supercharger/alternator belt (supplied) while installing the assembled alternator bracket leaving the belt off of the A/C compressor pulley. Check clearance between alternator and timing cover. Clearance as necessary.



12. Install (3) 8MM flange nuts to secure the alternator bracket to engine.

13. You can now route the belt around the A/C compressor pulley. Be sure the belt is fully engaged on all pulleys and check for clearance between the belt and any areas that when cut of modified. NOTE: It may be necessary to cut or grind more material to make clearance for belt.